

## CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY

### Criteria 3

#### Research, Innovations and Extension

<b>Metric</b> <b>3.4.4</b>	Number of Ph.D's awarded per teacher during the last five years
3.4.4.1	How many Ph.D's are awarded within last 5 years

### Supporting Documents

1	E-copies of Ph.D Award Letters (Year : 2016-17)
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# **Faculty of Technology & Engineering**





# CHARUSAT

CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY

CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY

## Charotar University of Science and Technology

(Formed under Gujarat State Act No. 8 of 2009 and degrees conferred u/s 22 of UGC Act, 1956)  
(Accredited with Grade 'A' by NAAC)

The Governing Body confers the Degree of

### *Doctor of Philosophy*

(Mechanical Engineering)

under

Faculty of Technology and Engineering

On

***Hiralben Sureshbhai Shah***

who has fulfilled the requirements of the programme and  
successfully defended the thesis entitled

**EXPERIMENTAL INVESTIGATIONS ON TRIBO BEHAVIOR  
OF COTTON FIBER REINFORCED POLYESTER COMPOSITES**

Given on this day, **the 8th January 2018**  
under the seal of the University.



12DRME005



अमृतं तु विद्या

Provost

President





**CHARUSAT**  
CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY

# Charotar University of Science and Technology

(Formed under Gujarat State Act No. 8 of 2009, and degrees conferred u/s 22 of UGC Act, 1956)

(Accredited with Grade 'A' by NAAC, Bengaluru)

The Governing Body confers the Degree of

## *Doctor of Philosophy*

(Mechanical Engineering)

under

Faculty of Technology and Engineering

on

**Vijaykumar Chaudhary**

who has fulfilled the requirements of the programme and  
successfully defended the thesis entitled

**Experimental Investigations on  
Drilling of Cotton Polyester Composites**

Given on this day, the **24<sup>th</sup> December 2016**  
under the seal of the University.



100RME001



Provost

President

CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY

CONVO/2016/6 : 001715





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CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY

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(Accredited with Grade 'A' by NAAC, Bengaluru)

The Governing Body confers the Degree of

### *Doctor of Philosophy*

(Mechanical Engineering)

under

Faculty of Technology and Engineering

on

### *Patange Gajanan Shankarrao*

who has fulfilled the requirements of the programme and  
successfully defended the thesis entitled

**Some Studies and Investigations on Cleaner Production of  
Foundry Industries for Sustainable Development**

Given on this day, the **24<sup>th</sup> December 2016**  
under the seal of the University.



10DRME003



Provost

President

CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY

CONVO/2016/6 : 001716





# CHARUSAT

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(Accredited with Grade 'A' by NAAC, Bengaluru)

The Governing Body confers the Degree of

### *Doctor of Philosophy*

(Mechanical Engineering)

under

Faculty of Technology and Engineering

on

***Patel Ajaykumar Mahendrabhai***

who has fulfilled the requirements of the programme and  
successfully defended the thesis entitled

***Dyanamic Analysis of Double Walled  
Carbon Nanotube based Mass Sensor***

Given on this day, the **24<sup>th</sup> December 2016**  
under the seal of the University.



12DRME012



Provost

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CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY

## Charotar University of Science and Technology

(Formed under Gujarat State Act No. 8 of 2009, and degrees conferred u/s 22 of UGC Act, 1956)

(Accredited with Grade 'A' by NAAC, Bengaluru)

The Governing Body confers the Degree of

### *Doctor of Philosophy*

(Civil Engineering)

under

Faculty of Technology and Engineering

on

### *Patel Vatsalkumar Narendrabhai*

who has fulfilled the requirements of the programme and  
successfully defended the thesis entitled

**Effect of Mineral and Chemical Admixtures**

**on High Performance Concrete**

Given on this day, the **24<sup>th</sup> December 2016**

under the seal of the University.



12DRCL006



Provost

President

CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY





# CHARUSAT

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## Charotar University of Science and Technology

(Formed under Gujarat State Act No. 8 of 2009, and degrees conferred u/s 22 of UGC Act, 1956)  
(Accredited with Grade 'A' by NAAC)

The Governing Body confers the Degree of

### *Doctor of Philosophy*

(Computer Engineering)

under

Faculty of Technology and Engineering

on

*Keyur Nayankumar Brahmhatt*

who has fulfilled the requirements of the programme and  
successfully defended the thesis entitled

MULTIMODAL AND MULTIFOCUS IMAGE FUSION

Given on this day, the 8th January 2018  
under the seal of the University.



12DRCE006



Provost

President





# CHARUSAT

CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY

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## Charotar University of Science and Technology

(Formed under Gujarat State Act No. 8 of 2009, and degrees conferred u/s 22 of UGC Act, 1956)  
(Accredited with Grade 'A' by NAAC)

The Governing Body confers the Degree of

***Doctor of Philosophy***

(Computer Engineering)

under

Faculty of Technology and Engineering

on

***Bhavsar Hetal Bharat***

who has fulfilled the requirements of the programme and  
successfully defended the thesis entitled

**INCREASING EFFICIENCY OF SUPPORT VECTOR MACHINE  
BY DEVELOPING THE NOVEL KERNEL FUNCTION USING  
POLYNOMIAL AND RADIAL BASIS FUNCTION**

Given on this day, the 8th January 2018  
under the seal of the University.



12DRCE001



003803

Provost

President

Certificate No : CONVO/2018/7 : 000003

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RAMANLAL JOSHI  
Date: 2018.01.17 12:23:51  
IST





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(Formed under Gujarat State Act No. 8 of 2009, and degrees conferred u/s 22 of UGC Act, 1956)

(Accredited with Grade 'A' by NAAC, Bengaluru)

The Governing Body confers the Degree of

## Doctor of Philosophy

(Computer Engineering)

under

Faculty of Technology and Engineering

on

***Parikh Mehul Chandrakant***

who has fulfilled the requirements of the programme and  
successfully defended the thesis entitled

**Motion Based Object Segmentation and  
Dynamic Background Removal Using  
Machine Learning Techniques**

Given on this day, the 24<sup>th</sup> December 2016  
under the seal of the University.



12DRCE004



  
Provost

  
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CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY





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(Accredited with Grade 'A' by NAAC, Bengaluru)

The Governing Body confers the Degree of

## Doctor of Philosophy

(Computer Engineering)

under

Faculty of Technology and Engineering

on

*Rutvij Hitenkumar Jhaveri*

who has fulfilled the requirements of the programme and  
successfully defended the thesis entitled

Routing Approaches for Enhancing Security against  
Packet Forwarding Misbehaviors in Mobile Ad Hoc Networks

Given on this day, the 24<sup>th</sup> December 2016  
under the seal of the University.



13DRCE004



  
Provost

  
President

CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY

CONVO/2016/6 : 001730



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## Charotar University of Science and Technology

(Formed under Gujarat State Act No. 8 of 2009, and degrees conferred u/s 22 of UGC Act, 1956)  
(Accredited with Grade 'A' by NAAC)

The Governing Body confers the Degree of

### *Doctor of Philosophy*

(Electronics and Communication Engineering)

under

Faculty of Technology and Engineering

on

***Kaushika Patel***

who has fulfilled the requirements of the programme and  
successfully defended the thesis entitled

**PERFORMANCE ENHANCEMENT OF TCP WESTWOOD  
IN WIRED/WIRELESS ENVIRONMENT**

Given on this day, the **8th January 2018**  
under the seal of the University.



12DREC019



003809

Provost

President

Certificate No : CONVO/2018/7 : 000009

Aadhaar No : 724335029819





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(Formed under Gujarat State Act No. 8 of 2009, and degrees conferred u/s 22 of UGC Act, 1956)

(Accredited with Grade 'A' by NAAC, Bengaluru)

The Governing Body confers the Degree of

## *Doctor of Philosophy*

(Electronics and Communication Engineering)

under

Faculty of Technology and Engineering

on

***Modi Hardik Pankajkumar***

who has fulfilled the requirements of the programme and  
successfully defended the thesis entitled

***Different Techniques of Image Inpainting  
for Medical Applications***

Given on this day, the **24<sup>th</sup> December 2016**

under the seal of the University.



10DREC006



Provost

President

CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY

CONVO/2016/6 : 001713





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# Charotar University of Science and Technology

(Formed under Gujarat State Act No. 8 of 2009, and degrees conferred u/s 22 of UGC Act, 1956)

(Accredited with Grade 'A' by NAAC, Bengaluru)

The Governing Body confers the Degree of

## *Doctor of Philosophy*

(Electronics and Communication Engineering)

under

Faculty of Technology and Engineering

on

*Hadia Sarman Khima*

who has fulfilled the requirements of the programme and  
successfully defended the thesis entitled

Implementation and Applications of  
Evolutionary Algorithms in Emerging Electronics

Given on this day, the 24<sup>th</sup> December 2016  
under the seal of the University.



10DREC002



Provost

President





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(Accredited with Grade 'A' by NAAC, Bengaluru)

The Governing Body confers the Degree of

## *Doctor of Philosophy*

(Electronics and Communication Engineering)

under

Faculty of Technology and Engineering

on

***Jitendra Prabhakar Chaudhari***

who has fulfilled the requirements of the programme and  
successfully defended the thesis entitled

**System Authentication and Person  
Identification using Multimodal Biometrics**

Given on this day, the **24<sup>th</sup> December 2016**  
under the seal of the University.



10DREC001



Provost

President



# CHARUSAT

CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY

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(Accredited with Grade 'A' by NAAC)

The Governing Body confers the Degree of

*Doctor of Philosophy*

(Electrical Engineering)

under

Faculty of Technology and Engineering

on

*Pankita Anilkumar Mehta*

who has fulfilled the requirements of the programme and  
successfully defended the thesis entitled

OPTIMIZED PERFORMANCE OF DISTRIBUTION NETWORK  
WITH PLACEMENTS OF DISTRIBUTED  
GENERATION AND CAPACITORS

Given on this day, the 8th January 2018  
under the seal of the University.



10DREE003



003802

Provost

President

Certificate No : CONVO/2018/7 : 000002

Aadhaar No : 748945388730

# **Faculty of Pharmacy**





**CHARUSAT**  
CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY

# Charotar University of Science and Technology

(Formed under Gujarat State Act No. 8 of 2009, and degrees conferred u/s 22 of UGC Act, 1956)

(Accredited with Grade 'A' by NAAC, Bengaluru)

The Governing Body confers the Degree of

**Doctor of Philosophy**

(Pharmaceutical Sciences)

under

Faculty of Pharmacy

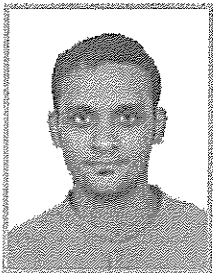
on

***Sanketkumar Ghanshyambhai Patel***

who has fulfilled the requirements of the programme and  
successfully defended the thesis entitled

***Role of Trough Mycophenolic Acid Monitoring in  
Live Donor Kidney Transplant Recipients***

Given on this day, the 24<sup>th</sup> December 2016  
under the seal of the University.



12DRPHG001



  
Provost

  
President

CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY / CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY

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Date: 2019-08-31 09:24:07

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# CHARUSAT

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## Charotar University of Science and Technology

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(Accredited with Grade 'A' by NAAC)

The Governing Body confers the Degree of

*Doctor of Philosophy*

under

Faculty of Pharmacy

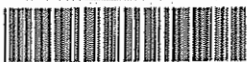
on

*Dalwadi Chintankumar Arvindbhai*

who has fulfilled the requirements of the programme and  
successfully defended the thesis entitled

PREPARATION AND CHARACTERIZATION OF IN-SITU GELLING  
SYSTEM FOR SOLID TUMOR TARGETING BY INTRATUMORAL  
ADMINISTRATION

Given on this day, the 8th January 2018  
under the seal of the University.



12DRPHT001



अमृतं तु विद्या

005131

Provost

President



# CHARUSAT

CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY

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## Charotar University of Science and Technology

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(Accredited with Grade 'A' by NAAC)

The Governing Body confers the Degree of

*Doctor of Philosophy*

under

Faculty of Pharmacy

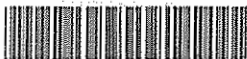
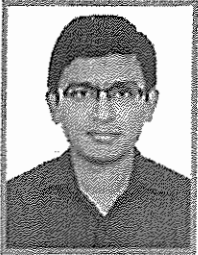
on

*Patel Ravishbhai Janakbhai*

who has fulfilled the requirements of the programme and  
successfully defended the thesis entitled

FORMULATION AND CHARACTERIZATION OF  
MICROEMULSIONS FOR NASAL DELIVERY OF DRUGS  
FOR THE TREATMENT OF CNS DISORDERS

Given on this day, the 8th January 2018  
under the seal of the University.



10DRPHT002



अमृतं तु विद्या

005129

Provost

President





# CHARUSAT

CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY

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## Charotar University of Science and Technology

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(Accredited with Grade 'A' by NAAC)

The Governing Body confers the Degree of

*Doctor of Philosophy*

under

Faculty of Pharmacy

on

**Vyas Niraj Yashvantrai**

who has fulfilled the requirements of the programme and  
successfully defended the thesis entitled

**PHYTOCHEMICAL INVESTIGATIONS ON ARGYREIA SPECIOSA  
AND HYGROPHILA SPINOSA  
USED AS VAJIKARANA IN AYURVEDA**

Given on this day, the **8th January 2018**  
under the seal of the University.



10DRPHC005



अमृतं तु विद्या

005128

Provost

President





**CHARUSAT**  
CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY

# Charotar University of Science and Technology

(Formed under Gujarat State Act No. 8 of 2009, and degrees conferred u/s 22 of UGC Act, 1956)

(Accredited with Grade 'A' by NAAC, Bengaluru)

The Governing Body confers the Degree of

Doctor of Philosophy

(Pharmaceutical Sciences)

under

Faculty of Pharmacy

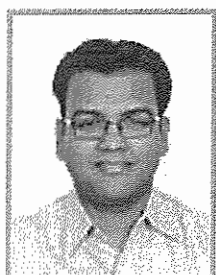
on

*Solanki Nilay Dhirenkumar*

who has fulfilled the requirements of the programme and  
successfully defended the thesis entitled

Studies on Efficacy and Dynamics of Ficus Racemosa and Bauhinia  
Variegata in Diabetic Neuropathy and Neurodegeneration

Given on this day, the 24<sup>th</sup> December 2016  
under the seal of the University.



10DRPHC004



  
Provost

  
President

CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY

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RAMANLAL JOSHI

Date: 2019.08.30 12:38:13

CONVO/2016/6 : 001717

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# **Faculty of Computer Applications**





**CHARUSAT**  
CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY

# Charotar University of Science and Technology

(Formed under Gujarat State Act No. 8 of 2009, and degrees conferred u/s 22 of UGC Act, 1956)

(Accredited with Grade 'A' by NAAC, Bengaluru)

The Governing Body confers the Degree of

*Doctor of Philosophy*

(Computer Science)

under

Faculty of Computer Science and Applications

on

*Honest Nirali Nikhilkumar*

who has fulfilled the requirements of the programme and  
successfully defended the thesis entitled

*Leveraging Web usage to understand  
behavior of Web Users*

Given on this day, the 24<sup>th</sup> December 2016  
under the seal of the University.



100RMCA001



Provost

President





**CHARUSAT**  
CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY

# Charotar University of Science and Technology

(Formed under Gujarat State Act No. 8 of 2009, and degrees conferred u/s 22 of UGC Act, 1956)

(Accredited with Grade 'A' by NAAC, Bengaluru)

The Governing Body confers the Degree of

*Doctor of Philosophy*

(Computer Science)

under

Faculty of Computer Science and Applications

on

*Undavia Jaimin Navinchandra*

who has fulfilled the requirements of the programme and  
successfully defended the thesis entitled

*Data Mining Technique: Analysis and Strategic Decision  
Support System for Students to Assist in their Career*

Given on this day, the 24<sup>th</sup> December 2016  
under the seal of the University.



11DRMCA001



Provost

President



**CHARUSAT**  
CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY

# Charotar University of Science and Technology

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(Accredited with Grade 'A' by NAAC, Bengaluru)

The Governing Body confers the Degree of

***Doctor of Philosophy***

(Computer Science)

under

Faculty of Computer Science and Applications

on

***Patel Chirag Indravadan***

who has fulfilled the requirements of the programme and  
successfully defended the thesis entitled

***Vehicle Owner Identification Model Based on Intelligent  
Optical Character Recognition (IOCR) and Windows Communication  
Foundation (WCF) Service in Indian Conditions***

Given on this day, the **24<sup>th</sup> December 2016**  
under the seal of the University.



12DRMCA001



Provost

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# CHARUSAT

CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY

CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY

## Charotar University of Science and Technology

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(Accredited with Grade 'A' by NAAC)

The Governing Body confers the Degree of

*Doctor of Philosophy*

(Computer Science)

under

Faculty of Computer Science and Applications

on

**Pranav Jyotishbhai Vyas**

who has fulfilled the requirements of the programme and  
successfully defended the thesis entitled

**UNIVERSALLY COMPOSABLE SESSION**

**KEY EXCHANGE PROTOCOL FOR MOBILE COMPUTERS**

Given on this day, the 8th January 2018  
under the seal of the University.



11DRMCA004



004795

Provost

President

Certificate No : CONVO/2018/7 : 000995

Aadhaar No : 978310019428





**CHARUSAT**  
CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY

# Charotar University of Science and Technology

(Formed under Gujarat State Act No. 8 of 2009, and degrees conferred u/s 22 of UGC Act, 1956)  
(Accredited with Grade 'A' by NAAC)

The Governing Body confers the Degree of

***Doctor of Philosophy***

(Computer Science)

under

Faculty of Computer Science and Applications

on

***Parulben Dalpatsinh Sindha***

who has fulfilled the requirements of the programme and  
successfully defended the thesis entitled

A COLOR AND SHAPE BASED REAL TIME TRAFFIC SIGN  
DETECTION AND RECOGNITION SYSTEM

Given on this day, the 8th January 2018  
under the seal of the University.



12DRMCA003



004796

Provost

President

# **Faculty of Management Studies**





**CHARUSAT**  
CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY

# Charotar University of Science and Technology

(Formed under Gujarat State Act No. 8 of 2009, and degrees conferred u/s 22 of UGC Act, 1956)

(Accredited with Grade 'A' by NAAC, Bengaluru)

The Governing Body confers the Degree of

**Doctor of Philosophy**

(Management)

under

Faculty of Management Studies

on

**Patel Unnatiben Hasmukhbhai**

who has fulfilled the requirements of the programme and  
successfully defended the thesis entitled

**A Study of Consumer Perception towards  
Advertisements on Social Media in Central Gujarat**

Given on this day, the **24<sup>th</sup> December 2016**  
under the seal of the University.



13DRMBA002



  
Provost

  
President

CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY

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Date: 2019.08.31.09:55:27

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(Formed under Gujarat State Act No. 8 of 2009, and degrees conferred u/s 22 of UGC Act, 1956)

(Accredited with Grade 'A' by NAAC, Bengaluru)

The Governing Body confers the Degree of

## Doctor of Philosophy

(Library Information Management)

under

Faculty of Management Studies

on

***Pramod Dwarkadas Patel***

who has fulfilled the requirements of the programme and  
successfully defended the thesis entitled

**Information Search Pattern of E-resources by  
Management Students in B-School Libraries of Gujarat**

Given on this day, the **24<sup>th</sup> December 2016**  
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11DRMBA005



  
Provost

  
President

CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY

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Date: 2019.08.30 17:40:39

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CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY

## Charotar University of Science and Technology

(Formed under Gujarat State Act No. 8 of 2009, and degrees conferred u/s 22 of UGC Act, 1956)  
(Accredited with Grade 'A' by NAAC)

The Governing Body confers the Degree of

### *Doctor of Philosophy*

(Management)

under

Faculty of Management Studies

on

**Poonam Sureshchandra Amrutia**

who has fulfilled the requirements of the programme and  
successfully defended the thesis entitled

**A STUDY ON CONSUMER BEHAVIOUR TOWARDS AYURVEDIC  
MEDICINES IN GUJARAT**

Given on this day, the **8th January 2018**  
under the seal of the University.



13DRMBA001



005230

Provost

President

# **Faculty of Sciences**



**CHARUSAT**  
CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY

# Charotar University of Science and Technology

(Formed under Gujarat State Act No. 8 of 2009, and degrees conferred u/s 22 of UGC Act, 1956)

(Accredited with Grade 'A' by NAAC, Bengaluru)

The Governing Body confers the Degree of

**Doctor of Philosophy**

under

Faculty of Applied Sciences

on

**Aniruddha Bhati**

who has fulfilled the requirements of the programme and  
successfully defended the thesis entitled

**Extraction of Total Proteins, Small molecules and DNA  
using Magnetic Nanoparticles**

Given on this day, the **24<sup>th</sup> December 2016**  
under the seal of the University.



11DRBIO001



  
Provost

  
President

CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY

CONVO/2016/6 : 001719

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(Accredited with Grade 'A' by NAAC, Bengaluru)

The Governing Body confers the Degree of

Doctor of Philosophy

under

Faculty of Applied Sciences

on

***Desai Dhara Indravadanbhai***

who has fulfilled the requirements of the programme and  
successfully defended the thesis entitled

**Screening, Characterization, Production and  
Evaluation of Cellulase- free Xylanase of Aspergillus niger DX-23  
for Deinking of Old Newspapers**

Given on this day, the 24<sup>th</sup> December 2016  
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12DRBIO009



  
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CONVO/2016/6 : 001722

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The Governing Body confers the Degree of

Doctor of Philosophy

under

Faculty of Applied Sciences

on

**Patel Jaykumar Navinchandra**

who has fulfilled the requirements of the programme and  
successfully defended the thesis entitled

Optimization of Thermal and Electrical Properties of  
Nanofluids: Coolant Applications

Given on this day, the 24<sup>th</sup> December 2016  
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12DRNST004



  
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CONVO/2016/6 : 001728

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The Governing Body confers the Degree of

Doctor of Philosophy

under

Faculty of Applied Sciences

on

***Shekh Mehdihasan Ijmahmmad***

who has fulfilled the requirements of the programme and  
successfully defended the thesis entitled

**Novel Phthalimide Moiety Containing Methacrylate Copolymers:  
used as Heavy Metal Ions Remover and Antimicrobial Agents**

Given on this day, the 24<sup>th</sup> December 2016  
under the seal of the University.



12DRCHE002



  
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CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY

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The Governing Body confers the Degree of

### *Doctor of Philosophy*

under

Faculty of Applied Sciences

on

***Dijitkumar Mahendrabhai Patel***

who has fulfilled the requirements of the programme and  
successfully defended the thesis entitled

**NOVEL METHACRYLATE COPOLYMERS BASED ON  
4-CHLORO-3,5-DIMETHYL PHENOL (DETTOL): SYNTHESIS,  
CHARACTERIZATION AND POTENTIAL AS BIOCIDES**

Given on this day, the **8th January 2018**  
under the seal of the University.



12DRCHE006



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***Doctor of Philosophy***

under

Faculty of Applied Sciences

on

***Bhailalbhai Parshottambhai Patel***

who has fulfilled the requirements of the programme and  
successfully defended the thesis entitled

**GENERALIZATION OF K- WRIGHT FUNCTION**

**AND OTHER SPECIAL FUNCTIONS**

Given on this day, the **8th January 2018**

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12DRMTH001



005394

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### *Doctor of Philosophy*

under

Faculty of Applied Sciences

on

**Krunalkumar Bhupendrabhai Kachhia**

who has fulfilled the requirements of the programme and  
successfully defended the thesis entitled

**CONTRIBUTION TO FRACTIONAL MATHEMATICAL ANALYSIS  
AND SPECIAL FUNCTIONS WITH APPLICATIONS**

Given on this day, the **8th January 2018**

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12DRMTH003



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005395

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### *Doctor of Philosophy*

under

Faculty of Applied Sciences

on

***Mansi Kishorkumar Aparnathi***

who has fulfilled the requirements of the programme and  
successfully defended the thesis entitled

**ARCHITECTURALLY AND BIOCHEMICALLY CONTROLLED  
DEVELOPMENT OF BONE TISSUE CONSTRUCT  
WITH MICROPATTERNED VASCULATURE IN METHACRYLATED  
GELATIN**

Given on this day, the **8th January 2018**  
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12DRBIO005



005386

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### *Doctor of Philosophy*

under

Faculty of Applied Sciences

on

***Parikh Nidhibahen Pankajkumar***

who has fulfilled the requirements of the programme and  
successfully defended the thesis entitled

**BIOCOMPATIBLE MAGNETIC FLUIDS FOR  
THE TREATMENT OF NEURODEGENERATIVE  
DISORDER: FEASIBILITY INVESTIGATION**

Given on this day, the **8th January 2018**  
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13DRNST002



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005399

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The Governing Body confers the Degree of

### *Doctor of Philosophy*

under

Faculty of Applied Sciences

on

**Prashant R. Ghediya**

who has fulfilled the requirements of the programme and  
successfully defended the thesis entitled

**ELECTRICAL AND PHOTO-ELECTRICAL PROPERTIES OF  
COPPER ZINC TIN SULPHIDE (CZTS) FILMS FOR  
SOLAR CELLS FROM MICROWAVE-PROCESSED INK**

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005396

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### *Doctor of Philosophy*

under

Faculty of Applied Sciences

on

***Pandya Vamangi Madhusudan***

who has fulfilled the requirements of the programme and  
successfully defended the thesis entitled

**DEVELOPMENT OF DELIVERY VEHICLES FOR  
BIOMEDICINAL POLYOXOMETALATES  
WITH REDUCED TOXICITY**

Given on this day, the **8th January 2018**  
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12DRCHE003



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### *Doctor of Philosophy*

under

Faculty of Applied Sciences

on

***Laherisheth Zarana Nimeshkumar***

who has fulfilled the requirements of the programme and  
successfully defended the thesis entitled

**MAGNETO-RHEOLOGICAL PROPERTIES OF  
SOFT FLAKE/SPHERICAL SHAPE IRON  
PARTICLES BASED MR FLUID**

Given on this day, the **8th January 2018**  
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005398

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# **Faculty of Medical Sciences**





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### *Doctor of Philosophy*

(Nursing)

under

Faculty of Medical Sciences

on

**Anil Kumar Sharma**

who has fulfilled the requirements of the programme and  
successfully defended the thesis entitled

A Comparative Study to Assess the Effectiveness of Cold Application,  
Heparinoid Application and Magnesium-sulphate Application  
on Superficial Thrombophlebitis among Patients Admitted  
in Selected Hospital of Gujarat.

Given on this day, the 24<sup>th</sup> December 2016  
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11DNR001



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