

#### **CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY**

#### Criteria 3

#### **Research, Innovations and Extension**

Metric	Number of Ph.D's awarded per teacher during the last
3.4.4	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 : 2017-18)

# Faculty of Technology & Engineering



(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



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

# MODELING OF FULL CAR AUTOMOTIVE SUSPENSION SYSTEM.

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





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



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

TRIBOLOGICAL STUDIES OF TITANIUM BASED. TERNARY NITRIDE COATINGS

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



Certificate No : CONVO/2018/7 : 000017





President

Aadhaar No : 831271084603

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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)

## The Governing Body confers the Degree of

## **Doctor of Philosophy**

under

Faculty of Technology and Engineering

on

## Mistry Jitendra Manubhai

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

Development of Processing Technique and Experimental Investigations on Wear Behaviour of Aluminium Matrix Composites

Given on this day, the 12th January 2019 under the seal of the University.







President

Certificate No : CONVO/2019/8 : 000014



(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**

under

Faculty of Technology and Engineering

on



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

Experimental Investigations on Drilling Process Parameters in Hybrid Hemp-Glass Composites

> Given on this day, the 12th January 2019 under the seal of the University.



I3DRME004



Kanking J. Joshi

Provost

President



(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**

under

Faculty of Technology and Engineering

on

## Solanki Hitesh Kishorbhai

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

Design, Numerical Simulation, Development and Experimental Investigations on Rich Burn Quick-Mix Lean Burn (RQL) Combustor using Hydrogen as Fuel for Small Gas Turbine Applications

> Given on this day, the 12th January 2019 under the seal of the University.





Kankoj S. Joshi

Provost

President



CHAROTAR UNIVERSITY OF SPIENCE AND TECHNINGRY 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**

under

Faculty of Technology and Engineering

on

## Ronakkumar Rajnikant Shah

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

Analytical and Experimental Investigation on Hydrogen Fuelled Micro Gas Turbine Combustion Chamber

> Given on this day, the 12th January 2019 under the seal of the University.



Pankoj S. Joshi

Provost

President 01-02-2021 19:1





(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

#### Pratik Harshadbhai Shah

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

AN EXPERIMENTAL INVESTIGATION ON FRICTION STIR WELDING OF AA 7075-T651 BUTT JOINTS USING FULL FACTORIAL DESIGN : MECHANICAL AND METALLURGICAL CHARACTERIZATION OF THE WELDS

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

Provost



President

Certificate No : CONVO/2018/7 : 000015

12DRME006

003815

Aadhaar No : 996766578435



#### 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

## Rakesh Devjibhai Patel

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

NUMERICAL AND EXPERIMENTAL ANALYSIS OF BURIED TUBE HEAT EXCHANGER (BTHE) PERFORMANCE

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







President



Promisional under Depart Blats Act No. 3 of 2009, and segrees conferred ws 22 of UGS Act, 1999) (Accounted with Grader X by NAAC)

The Governing Body confers the Degree of

## **Doctor of Philosophy**

(Mechanical Engineering)

under

Faculty of Technology and Engineering

on

Dattatraya Ganpatrao Subhedar

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

INVESTIGATIONS OF NANOFLUIDS THROUGH MICROCHANNEL HEAT EXCHANGER IN AUTOMOTIVE RADIATOR

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





President





(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**

under

Faculty of Technology and Engineering

on

Snehal Amol Popli

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

Sequential Electrochemical Biological Process for Dye Degradation

Given on this day, the 12th January 2019 under the seal of the University.

005749



Certificate No : CONVO/2019/8 : 000003



Provost

President

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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**

under

Faculty of Technology and Engineering

on

Neha Ripal Soni

who has fulfilled the requirements of the programme and

successfully defended the thesis entitled

Designing A Novel Algorithm for Automated EPS Calculation and Incremental DBSCAN based Approach for Multiple Objects

> Given on this day, the 12th January 2019 under the seal of the University.



Certificate No : CONVO/2019/8 : 000002



005748

Kankoj S. Joshi Provost

President

Digitally signed by DEVANG RAMANLAL JOSHI Date: 2019.01.09 15:54:54 IST



(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

## Parth Dilipkumar Shah

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

SECURE AND EFFICIENT DATA DEDUPLICATION WITH DATA INTEGRITY PROOFS FOR CLOUD COMPUTING DATA STORAGE

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



Certificate No : CONVO/2018/7 : 000005





President

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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)

The Governing Body confers the Degree of

## **Doctor of Philosophy**

(Computer Engineering)

under

Faculty of Technology and Engineering

on

## Goyani Mahesh Mafatlal

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

FACIAL EXPRESSION RECOGNITION USING HYBRID APPROACH

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







President

Digitally signed by DEVANG RAMANLAL JOSHI Date: 2018.01.17 13:12:48 IST



(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

## Ritesh Pravinbhai Patel

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

EFFICIENT VIRTUAL MACHINE MIGRATION BETWEEN CLOUD INFRASTRUCTURES

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



Certificate No : CONVO/2018/7 : 000007



President

Digitally signed by DEVANG RAMANLAL JOSHL ADDRE: 2018.01.17 12:24:21 IST



(Formed under Goppet State Act No. 8 of 2005, and degrees conterned us 22 of USC Act, 1254 (Accounted with Grace "A by NAAC)

The Governing Body confers the Degree of

## Doctor of Philosophy

(Computer Engineering)

#### under

Faculty of Technology and Engineering

on

## Patel Sanjaykumar Ghanshyambhai

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

ENERGY-AWARE VIRTUALIZED DATA CENTERS

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



Certificate No : CONVO/2018/7 : 000018





Louis Martin Carlos

Aadhaar No : 597554206916



(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

## Shailesh D. Panchal

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

MULTIRESOLUTION FUSION TECHNIQUES FOR SATELLITE IMAGES

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



Certificate No : CONVO/2018/7 : 000004



Provost

President

Digitally signed by DEVANG RAMANLAL JOSHI A Date: 2018.01/19/12/28403 IST



The Governing Body conters the Degree of Doctor of Philosophy

Electromics and Communication Engineering)

under

Faculty of Technology and Engineering

on

## Minesh Popatlal Thaker

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

DESIGN DEVELOPMENT AND ANALYSIS OF NEW ROUTING PROTOCOL IN MANET, A ROBUST AD HOC REACTIVE ENERGY EFFICIENT MULTIPATH ROUTING PROTOCOL

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



Provost

President

Constitute No. CONTRACTOR

Andhaar No: 913713353096



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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

Pandya Killol Vishnuprasad

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

STUDIES ON LIQUID ELECTRONIC CIRCUITS

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

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Certificate No : CONVO/2018/7 : 000008



President

Aadhaar No : 446094032519



(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**

under

Faculty of Technology and Engineering

on



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

Design and Development of Efficient Space Time Block Code (STBC) in Multiple Input Multiple Output (MIMO) Wireless Communication

> Given on this day, the 12th January 2019 under the seal of the University.



Certificate No : CONVO/2019/8 : 000004



Pankoj S. Joshi

Provost

President



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**

under

Faculty of Technology and Engineering

on



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

Design and Development of Feature Based Image Registration Employing Soft Computing

Given on this day, the 12th January 2019 under the seal of the University.





Kankoj S. Joshi

Provost

President



(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**

under

Faculty of Technology and Engineering

on

Vinesh Natverlal Kapadia

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

Design and Implementation of Multilevel Current Source Inverter Fed PMSM Drive

> Given on this day, the 12th January 2019 under the seal of the University.



Pankoj J. Joshi

Provost

President



Certificate No : CONVO/2019/8 : 000006



CHARGEAR UNIVERSITE OF SCIENCE AND TECHNOLOUS AND RECEIVERS THE SCIENCE AND TECHNOLOUS

## **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

under

Faculty of Technology and Engineering

on



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

Design and Development of Compact Wireless Communication Antennas

Given on this day, the 12th January 2019 under the seal of the University.





(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**

under

Faculty of Technology and Engineering

on



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

Design of PWM Rectifier for Unity Power Factor and Reduced Current Harmonic Operation

Given on this day, the 12th January 2019 under the seal of the University.



Kankoj S. Joshi

Provost

President



(Parietad desite Deginal Basis Act Inc. B. et 2000, and engineers contained us the of 1004. Act, 1956) (Accounted give funde & by NAAC)

#### The Governing Body confers the Degree of

#### Doctor of Philosophy

(Electrical Engineering)

under

Faculty of Technology and Engineering

on

#### Shital Manish Pujara

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

OPTIMIZED PRICE BASED FREQUENCY REGULATION IN COMPETITIVE ELECTRICITY MARKET

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





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## Charotar University of Science and Technology (Formed under Gujarat State Act No. 8 of 2009, and degrees conterred u/s 22 of UGC Act, 1950) (Accredited with Grade 'A by NAAC)

ARU

HAND

The Governing Body confers the Degree of

## Doctor of Philosophy

(Electrical Engineering)

under

Faculty of Technology and Engineering

on



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

HARMONY SEARCH ALGORITHM FOR OPTIMUM COORDINATION OF RELAYS IN SOLAR PHOTOVOLTAIC GENERATION CONNECTED NETWORK

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



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Preside

Aadhaar No: 95448

# **Faculty of Pharmacy**



CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY CHARDTAR 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** 

under

Faculty of Pharmacy

on

## Variya Ketan Gordhanbhai

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

PHYTOCHEMICAL ANALYSIS AND PRECLINICAL PHARMACOKINETIC STUDY OF APHRODISIAC PHYTOCONSTITUENT

> Given on this day, the <mark>8th January 2018</mark> under the seal of the University.







Digitally signed by DEVANC AMANLAL JOSHI 1914-2018.01.17712:26:27



CHARDTAR UNIVERSITY OF SCIENCE AND IFCHNOLOGY CHARDTAR 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

under

Faculty of Pharmacy

on



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

DEVELOPMENT OF HEPATOTOXICITY MODEL IN RATS AND ITS APPLICATION IN EVALUATION OF HEPATOPROTECTIVE ACTIVITY OF CELL WALL CONTENTS OF PROBIOTICS

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



Str Provost

President

Digitally signed by DEVANG RAMANLAL, JOSHI Date: 2098.0179713113634 IST





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

under Faculty of Pharmacy

on

Rutu B. Patel

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

ORAL BIOAVAILABILITY ENHANCEMENT OF GANCICLOVIR THROUGH POLYMERIC NANOPARTICLES DEVELOPMENT AND USE OF PERMEATION ENHANCER

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



Certificate No : CONVO/2018/7 : 001333



- ----

President

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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

under

Faculty of Pharmacy

on

Bhavinkumar Kiritbhai Patel

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

Targeting of Anticancer Drugs using Ligand Conjugated Therapeutic System

Given on this day, the 12th January 2019 under the seal of the University.



Kankoj J. Joshi

Provost

President

Digitally signed by DEVANG RAMANLAL JOSHI Date: 2019.01.09 15:55:04 IST

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CHARDTAR UNIVERSITY OF SSIENCE AND TECHNOLOGY CHARDTAR 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**

under

Faculty of Pharmacy

on

#### Umangkumar Harishchandra Shah

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

Design, Synthesis and Biological Evaluation of Some Heterocyles as Non-Steroidal Aromatase Inhibitors

Given on this day, the 12th January 2019 under the seal of the University.



Pankoj S. Joshi

Provost

President

Digitally signed by DEVANG RAMANLAL JOSHI Date: 2019.01.09 15:54:43 IST



# Faculty of Computer Applications



(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**

under

Faculty of Computer Science and Applications

on

Hetalben Punjabhai Patel

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

An Interactive Knowledge Based Predictive/Query System for Farmer (In English & Gujarati)

> Given on this day, the 12th January 2019 under the seal of the University.



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Provost

Parkoj S. Joshi

men priser

President

Certificate No : CONVO/2019/8 : 001049

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त त विद्य



CHARDTAR UNIVERSITY OF SELENCE AND TECHNOLOGY CHARDTAR 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



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

EXTRACTIVE TEXT SUMMARIZATION BASED RECOMMENDER SYSTEM FOR LARGE SCALE TEXT DATA

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





004797



Provost

President

Aadhaar No : 922942600


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

The Governing Body confers the Degree of

#### **Doctor of Philosophy**

under

Faculty of Computer Science and Applications

on

#### Sanghvi Rajesh Chandrakant

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

Novel Methods for Inverse Channel Modelling

Given on this day, the 12th January 2019 under the seal of the University.



Certificate No : CONVO/2019/8 : 001050

Karty J. Josh Provost

President

006796

## Faculty of Management Studies



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

#### Devang Ramanlal Joshi

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

A STUDY OF COMPETENCIES OF SOCIAL ENTREPRENEURS INFLUENCING SUCCESS OF SELECTED SOCIAL ENTERPRISES

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

> > अमृतं तु विद्या

P55200







Provost

President



## **Faculty of Sciences**



(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**

under

Faculty of Applied Sciences

on

## Arti Thakarshibhai Patel

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

STUDIES ON TWO IMPORTANT ENZYMES OF PSEUDOMONAS AERUGINOSA PAO1: PHOSPHOGLUCOSE ISOMERASE (PGI) AND L-ASPARTATE AMMONIA LYASE (ASPA)

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







Provost

President

Aadhaar No : --



(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**

under

Faculty of Applied Sciences

on

#### Ashok Kumar Bishoyi

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

MOLECULAR FINGERPRINTING AND CULTIVARS' PERFORMANCES OF CYMBOPOGON SPP. UNDER SEMIARID AGRO-CLIMATIC ZONE OF GUJARAT

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



Certificate No: CONVO/2018/7:001589



President





(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**

under

Faculty of Applied Sciences

on

Manishaben Jigneshbhai Patel

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

A STUDY ON RECOMBINANT SUGAR ISOMERASES FOR BIOCONVERSION OF NATURAL SUGARS TO RARE SUGARS

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



Certificate No : CONVO/2018/7 : 001591

President





(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**

under

Faculty of Applied Sciences

on

#### Mitesh H. Patel

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

PREPARATION AND CHARACTERIZATION OF PBS/POLYMER NANOCOMPOSITES

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





President





(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**

under

Faculty of Applied Sciences

on



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

GENERALIZED SEQUENCE OF FUNCTIONS AND OPERATIONAL TECHNIQUES

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



Certificate No : CONVO/2018/7 : 001585



Provost

President



CHAROTAR UNVERSITY 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**

under

Faculty of Applied Sciences

on

#### Prasad Atmaram Andhare

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

PRODUCTION, CHARACTERIZATION AND BIOTECHNOLOGICAL POTENTIAL OF BIOPOLYMER FROM RHIZOBIUM RADIOBACTER CAS

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





President





(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**

under

Faculty of Applied Sciences

on



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

STUDIES ON RICIN SUPERFAMILY CBM13 CONTAINING PECTATE LYASE 1B FROM BACILLUS LICHENIFORMIS

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





President





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**

under

Faculty of Applied Sciences

on

Dhaval Vankhade

who has fulfilled the requirements of the programme and

successfully defended the thesis entitled

**Direct-Coated Nanocrystalline Lead Sulphide** Thin Films as Photodetectors

Given on this day, the 12th January 2019 under the seal of the University.





Provost

President



92 5 200

Certificate No : CONVO/2019/8 : 001580



SCIENCE AND TECHNOLOGY CHARDTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY **OTAR UNIVERS** 

# **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**

under

Faculty of Applied Sciences

on

sirmalkumar Natvarlal Patel

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

Copolymer of 4-Chloro-3, 5-Dimethylphenyl Acrylate (CDMPA) with Vinyl Monomers: Synthesis, Characterization, Antimicrobial Activity and Removal of Metal Ions From Water

> Given on this day, the **12th January 2019** under the seal of the University.





Provost

President



Certificate No : CONVO/2019/8 : 001582

007328

## Faculty of Medical Sciences



(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**

under

Faculty of Medical Sciences

on



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

DEVELOPMENT AND VALIDATION OF THE

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





President





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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**

under

Faculty of Medical Sciences

on

#### Dipika Pinkal Shah

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

Prevalence of Obesity and its Influence on Physical Fitness and Academic Performance in School-Going Children of Anand District

Given on this day, the 12th January 2019 under the seal of the University.



Parkoj S. Joshi

Provost

President

अमृतं तु विद्या

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