



## 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

<b>1</b>	E-copies of Ph.D Award Letters <b>(Year : 2019-20)</b>
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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, established in the year 2002, is a public sector university. It is a member of the Association of Universities of India (AUI).

The Governing Body confers the Degree of

**Doctor of Philosophy**

under

Faculty of Technology and Engineering

on

**Patel Kartik Harishbhai**

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

**OPTICAL AND WETTABILITY INVESTIGATIONS OF  
ZINC BASED THIN FILM**

Given on this day, the **11th January 2020**  
under the seal of the University.



120906010



www.charusat.ac.in

009766

*Prof. I. J. Joshi*  
Provost

*Prof. V. V. Joshi*

President



**CHARUSAT**  
CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY

100% EMPLOYMENT GUARANTEE SCIENCE AND TECHNOLOGY CHAIRMAN OF GUJARAT COUNCIL 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

**Patel Nikul Khushalbhai**

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

**A SMALL SCALE PRODUCTION OF BIODIESEL FROM  
NON-EDIBLE PLANT OIL AND ITS EXPERIMENTAL EVALUATION  
USING SINGLE CYLINDER COMPRESSION IGNITION ENGINE**

Given on this day, the **11th January 2020**  
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13DRME006



009774

*Pankaj S. Joshi*

Provost

*Sumit Patel*

President

Certificate No : CONVO/2020/9 : 002028





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The Governing Body confers the Degree of

### *Doctor of Philosophy*

under

Faculty of Technology and Engineering

on

### *Patel Jaksankumar Dahyabhai*

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

**OPTIMIZATION OF WIRE CUT EDM PROCESS PARAMETER  
USING MULTI CRITERIA DECISION MAKING METHOD**

given on this day **9th January 2021**  
under the seal of the University.



YADHME002



*Pankaj S. Joshi*

Provost

*[Signature]*

President





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The Governing Body confers the Degree of

### *Doctor of Philosophy*

under

Faculty of Technology and Engineering

on

**Chokshi Sagar Ramchandra**

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

**MECHANICAL CHARACTERIZATION AND MODELLING OF  
UNIDIRECTIONAL FIBER REINFORCED POLYMERIC COMPOSITES**

given on this day, **9th January 2021**  
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13DRME005



*Pankaj S. Joshi*

Provost

*[Signature]*

President





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***Doctor of Philosophy***

under

**Faculty of Technology and Engineering**

on

***Patel Dipalkumar Mahendrabhai***

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

**MECHANICAL DESIGN, FABRICATION AND CHARACTERIZATION  
OF MAGNETORHEOLOGICAL FLUID BASED DAMPER**

given on this day, **9th January 2021**  
under the seal of the University.



14DRME010



*Pankaj S. Joshi*

Provost

*Suman T. Joshi*

President





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The Governing Body confers the Degree of

## *Doctor of Philosophy*

under

Faculty of Technology and Engineering

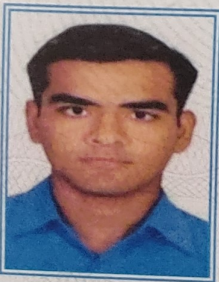
on

*Ayar Vivek Shamjibhai*

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

INVESTIGATION ON  $\text{AlSi5Cu3/TiB}_2$  COMPOSITES:  
PROCESS PARAMETERS AND HEAT TREATMENT

given on this day, 9th January 2021  
under the seal of the University.



16DRME001



*Pankaj S. Joshi*

Provost

*Sumant K. Joshi*

President





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The Governing Body confers the Degree of

***Doctor of Philosophy***

under

Faculty of Technology and Engineering

on

***Shah Bhaumik Ranjitkumar***

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

**REDUCTIVE PHOTOCATALYSIS FOR  
DEGRADATION OF TOXIC POLLUTANTS**

Given on this day, the **11th January 2020**  
under the seal of the University.



13DRCL001



009769

*Pankaj S. Joshi*

Provost

*[Signature]*

President

Certificate No : CONVO/2020/9 : 002023





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The Governing Body confers the Degree of

## *Doctor of Philosophy*

under

Faculty of Technology and Engineering

on

*Israni Dippal Prabhudas*

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

OCCLUSION MODELLING AND MULTI OBJECT TRACKING WITH IDENTITY  
RETENTION IN VISUAL SEQUENCES USING FEATURE DESCRIPTORS

given on this day, 9th January 2021  
under the seal of the University.



14DRCE008



*Pankaj S. Joshi*

*Provost*

*Sunil Kumar*

*President*





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(Accredited with Grade 'A' by NAAC)

The Governing Body confers the Degree of

### *Doctor of Philosophy*

under

Faculty of Technology and Engineering

on

*Chudasama Hetal Tulsidas*

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

**EVENT BASED VIDEO SUMMARIZATION FOR CRICKET**

given on this day, 9th January 2021  
under the seal of the University.



13DRCE002



*Pankaj S. Joshi*

*Provost*

*Sunil Kumar*

*President*





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The Governing Body confers the Degree of

## *Doctor of Philosophy*

under

Faculty of Technology and Engineering

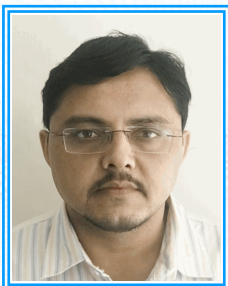
on

*Nayak Amitkumar Jaydevbhai*

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

MODELING TRANSPORT LAYER BEHAVIOUR TO IMPROVE  
DATA CENTER NETWORK PERFORMANCE

given on this day, 9th January 2021  
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13DRCE006



*Pankaj S. Joshi*

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The Governing Body confers the Degree of

### *Doctor of Philosophy*

under

Faculty of Technology and Engineering

on

*Makwana Ashwinkumar Bhanuprasad*

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

A BETTER APPROACH TO ONTOLOGY INTEGRATION USING  
CLUSTERING THROUGH GLOBAL SIMILARITY MEASURE AND  
EFFICIENT REASONER PERFORMANCE PREDICTION  
WITH RANKING USING MULTI-LABEL LEARNING

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12DRCE008



*Pankaj S. Joshi*

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*Sunil Kumar*

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The Governing Body confers the Degree of

### *Doctor of Philosophy*

under

Faculty of Technology and Engineering

on

*Gambhava Bhavikaben Maganbhai*

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

EVALUATION AND REFINEMENT OF TCP'S CONGESTION  
CONTROL FOR PERFORMANCE ENHANCEMENT  
IN WIRED-CUM-WIRELESS ENVIRONMENTS

given on this day, 9th January 2021  
under the seal of the University.



14DRCE002



*Pankaj S. Joshi*

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### *Doctor of Philosophy*

under

Faculty of Technology and Engineering

on

### *Vahora Safvanbhai Abdulrasid*

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

HUMAN ACTIVITY RECOGNITION  
IN GROUP VIDEO ENVIRONMENTS

Given on this day, the 11th January 2020

under the seal of the University.



13DRCE008



*Pankaj S. Joshi*

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*Suman Kumar*

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RAMANLAL JOSHI  
Date: 2020.06.05 15:21:25  
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**CHARUSAT**  
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CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY, CHAROTAR, GUJARAT, INDIA

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## *Doctor of Philosophy*

under

Faculty of Technology and Engineering

on

***Desai Arpan Harishkumar***

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

**OPTICALLY TRANSPARENT ANTENNAS FOR WIRELESS APPLICATIONS**

Given on this day, the **11th January 2020**  
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16DREC001



009780

*Pankaj S. Joshi*  
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*Sumit*  
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***Doctor of Philosophy***

under

Faculty of Technology and Engineering

on

***Patel Upeshkumar Parbhubhai***

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

**METAMATERIAL BASED SURFACE MOUNTABLE  
PLANAR ANTENNAS FOR WIRELESS APPLICATIONS**

given on this day, **9th January 2021**

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160REC005



*Pankaj S. Joshi*

Provo

*Sumit Patel*

Preside





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The Governing Body confers the Degree of

*Doctor of Philosophy*

under

Faculty of Technology and Engineering

on

*Shah Kalpeshkumar Madanlal*

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

**SHOT BOUNDARY AND KEY FRAME DETECTION  
FOR CONTENT BASED VIDEO RETREIVAL**

Given on this day, the **11th January 2020**

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12080014



009764

*Ravindra S. Joshi*  
Provost  
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The Governing Body confers the Degree of

## *Doctor of Philosophy*

under

Faculty of Technology and Engineering

on

***Chauhan Dharmendrasinh Virendrasinh***

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

PERFORMANCE OF SOME NON LINEAR DETECTORS FOR  
SPATIAL MULTIPLEXING IN MIMO WIRELESS COMMUNICATIONS

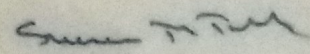
Given on this day, the 11th January 2020  
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12DREC005



Pankaj S. Joshi  
Provost

  
President

009762





# CHARUSAT

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The Governing Body confers the Degree of

### *Doctor of Philosophy*

under

Faculty of Technology and Engineering

on

### *Saraswala Prativa Pranav*

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

EMBEDDED NETWORK ARCHITECTURE EMPLOYING  
CO-DESIGN AND SOFT COMPUTING TECHNIQUES FOR  
PARAMETRIC OPTIMIZATION IN ZIGBEE NETWORK  
BASED ON IEEE 802.15.4 STANDARD

Given on this day, the 11th January 2020  
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12DREC011



*Pankaj S. Joshi*

Provost

*Sumit Patel*

President





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The Governing Body confers the Degree of

## *Doctor of Philosophy*

under

Faculty of Technology and Engineering

on

*Patel Himanshu Ashokbhai*

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

DIMENSIONALITY REDUCTION AND SCENE CLASSIFICATION  
USING MULTI-KERNEL SUPPORT VECTOR MACHINE

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15DREC004



*Pankaj S. Joshi*

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President





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The Governing Body confers the Degree of

## *Doctor of Philosophy*

under

Faculty of Technology and Engineering

on

*Mahant Keyur Kamaldasji*

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

SUBSTRATE INTEGRATED FMCW RADAR SYSTEM  
USING SIW TECHNOLOGY

given on this day, 9th January 2021  
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16DREC004



*Pankaj S. Joshi*

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*Sunil Kumar*

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The Governing Body confers the Degree of

### *Doctor of Philosophy*

under

Faculty of Technology and Engineering

on

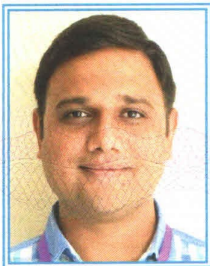
*Manavadaria Manthan Sudhirbhai*

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

FEASIBILITY STUDY OF FUNDAMENTAL ELECTRONIC COMPONENTS AND  
THEIR CIRCUITS BASED ON HUMAN BODY TISSUES

given on this day, 9th January 2021

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12DREC017



*Pankaj S. Joshi*

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*Sunil Kumar*

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### *Doctor of Philosophy*

under

Faculty of Technology and Engineering

on

*Shah Brijesh Niranjana*

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

DESIGN AND DEVELOPMENT OF REGION BASED  
DIGITAL IMAGE SEGMENTATION TECHNIQUES

given on this day, 9th January 2021

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10DREC004



*Pankaj S. Joshi*

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The Governing Body confers the Degree of

## *Doctor of Philosophy*

under

Faculty of Technology and Engineering

on

***Patoliya Jigneshkumar Jayantibhai***

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

**BEHAVIOR ANALYSIS OF ROBOT OPERATING SYSTEM  
FOR MOTION TRACKING AND OCCLUSION HANDLING:  
A SOCIAL ROBOT APPLICATION**

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16DREC003



*Pankaj S. Joshi*

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*Suman T. Patel*

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# Charotar University of Science and Technology

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The Governing Body confers the Degree of

*Doctor of Philosophy*

under

Faculty of Technology and Engineering

on

**Trivedi Tapankumar Aniruddhabhai**

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

**DIRECT POWER CONTROL OF UNIFIED  
POWER QUALITY CONDITIONER**

Given on this day, the **11th January 2020**  
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13DREE001



009772

*Pankaj S. Joshi*  
**Provost**

*Sumit Patel*  
**President**

Certificate No : CONVO/2020/9 : 002026





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*Doctor of Philosophy*

under

Faculty of Technology and Engineering

on

*Shah Nilay Narendrakumar*

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

**SMALL SIGNAL STABILITY FOR A STEAM TURBINE GENERATOR  
UNIT CONNECTED TO A DFIG BASED WIND FARM**

given on this day, **9th January 2021**  
under the seal of the University,



120HEE008



*Prady S. Joshi*

Provost

*Suman T. Thakur*

President

# **Faculty of Pharmacy**



CHARUSAT  
CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY

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The Governing Body confers the Degree of

## *Doctor of Philosophy*

under

Faculty of Pharmacy

on

***Zope Murlidhar Vishwanath***

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

**IMPURITY PROFILING AND EXPLORATION OF DEGRADATION  
PATHWAYS FOR SOME DRUGS IN PHARMACEUTICAL DOSAGE FORM/S**

Given on this day, the **11th January 2020**  
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14DRPHC001



*Pankaj S. Joshi*

Provost

*Sumit Patel*

President





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The Governing Body confers the Degree of

***Doctor of Philosophy***

under

**Faculty of Pharmacy**

on

***Kakrani Purvi Harishkumar***

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

**INVESTIGATIONS ON SOME FOLKLORE MEDICINAL PLANTS  
FOR THEIR PHYTOCHEMICAL AND BIOLOGICAL POTENTIAL**

given on this day, 9th January 2021  
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12DRPHS001



*Pankaj S. Joshi*

*Provost*

*Sunil Kumar*

*President*





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*Doctor of Philosophy*

under

Faculty of Pharmacy

on

*Chokshi Avani Bharatkumar*

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

DESIGN, SYNTHESIS AND EVALUATION OF LIPID LOWERING AGENTS

Given on this day, the 11th January 2020  
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11DRPHC002



*Pankaj S. Joshi*

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*Sumant Kumar*

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**CHARUSAT**  
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The Governing Body confers the Degree of

***Doctor of Philosophy***

under

**Faculty of Pharmacy**

on

***Shah Kunti Abhishek***

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

**SOLID STATE MODIFICATION OF MONTELUKAST SODIUM**

given on this day, 9th January 2021  
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12DRPC008



*Pankaj S. Joshi*

*Provost*

*Sunil Kumar*

*President*



# **Faculty of Computer Applications**



**CHARUSAT**  
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## Charotar University of Science and Technology

(Formed under Gujarat State Act No. 9 of 2010, and degree conferred via 22 of UGC Act, 1986)  
(Accredited with Grade 'A' by NAAC)

The Governing Body confers the Degree of

***Doctor of Philosophy***

under

Faculty of Computer Science and Applications

on

***Agrawal Smitakumari Sureshkumar***

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

**CSG-CLUSTER AND SAG-CLUSTER: A CLUSTERING METHOD  
FOR COMMUNITY DETECTION IN COMPLEX NETWORK**

Given on this day, the **11th January 2020**  
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14DRMCA002



009782

*Pankaj S. Joshi*

Provost

*Suman S. Joshi*

President

Certificate No : CONVO/2020/9 : 002036





# 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*

under

Faculty of Computer Science and Applications

on

*Dave Akshara Bhartendu*

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

DEVELOPMENT OF HYBRID MODEL TO IMPROVE SYSTEM

DEVELOPMENT PROCESS BY MINIMIZING

TITANIC EFFECT OF REQUIREMENT

Given on this day, the 11th January 2020  
under the seal of the University.



12DRMCA009



*Pankaj S. Joshi*

Provost

*Sumit*

President





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The Governing Body confers the Degree of

## *Doctor of Philosophy*

under

Faculty of Computer Science and Applications

on

**Vyas Heli Partheshbhai**

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

**DATA SEGREGATION USING DATA MINING TECHNIQUE  
TO ENHANCE THE PERFORMANCE IN CLOUD COMPUTING**

given on this day, **9th January 2021**  
under the seal of the University.



12DRMCA005



*Pankaj S. Joshi*

Provost

*Sumit Kumar*

President





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The Governing Body confers the Degree of

*Doctor of Philosophy*

under

Faculty of Computer Science and Applications

on

*Gohil Lata Amritlal*

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

AFFECT ANALYSIS USING SOCIAL MEDIA MULTILINGUAL  
TEXTUAL DATA TO PREDICT VOTING BEHAVIOUR

given on this day, 9th January 2021  
under the seal of the University.



12DRMCA006



*Pankaj S. Joshi*

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*Suman R. Patel*

President

# **Faculty of Management Studies**





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The Governing Body confers the Degree of

## *Doctor of Philosophy*

under

Faculty of Management Studies

on

***Gosai Dilipkumar I***

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

**A STUDY OF STUDENTS' PREFERENCES AND CONSUMPTION PATTERNS  
TOWARDS MEDIA IN SELECT PRIVATE UNIVERSITIES OF GUJARAT**

given on this day, **9th January 2021**  
under the seal of the University.



11DRMBA007



*Pankaj S. Joshi*

*Provost*

*Suman Kumar*

*President*

Certificate No : CONVO/2021/10 : 001332

011127

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The Governing Body confers the Degree of

## *Doctor of Philosophy*

under

Faculty of Management Studies

on

## *Kirti Jayantibhai Makwana*

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

**ASSESSMENT OF PERSONALITY PROFILE: A STUDY OF MANAGEMENT  
STUDENTS OF SELECTED BUSINESS SCHOOLS OF GUJARAT**

given on this day, 9th January 2021  
under the seal of the University.



16DRMBA002



*Pankaj S. Joshi*

Provost

*Sumit Patel*

President





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The Governing Body confers the Degree of

***Doctor of Philosophy***

under

Faculty of Management Studies

on

***Shukla Nirali Pratapray***

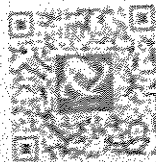
who has fulfilled the requirements of the programme  
and successfully defended the thesis entitled

SOCIAL IMPACT ASSESSMENT OF UMARGAM –  
SHAMLaji GUJARAT STATE HIGHWAY (GU SH – 5)

given on this day, **9th January 2021**  
under the seal of the University.



140RMBAD01



*Pankaj J. Joshi*  
Provost

*Sunil Kumar*  
President

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011126

# **Faculty of Sciences**





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The Governing Body confers the Degree of

*Doctor of Philosophy*

under

Faculty of Applied Sciences

on

*Pandey Nilesch Omprakash*

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

DETECTION OF TLR4 POLYMORPHISMS AND THEIR  
ASSOCIATION WITH STIS, CERVICITIS AND CERVICAL CANCER

Given on this day, the 11th January 2020  
under the seal of the University.



12DRBIO008



*Pankaj S. Joshi*

Provost

*Suman Kumar*

President



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*Doctor of Philosophy*

under

Faculty of Applied Sciences

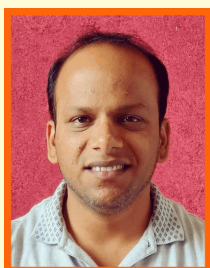
on

*Kaingade Pankaj Mahipatrao*

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

EXPLORING THE POTENTIAL OF STEM CELLS OF HUMAN BREAST  
MILK AND ENDOMETRIUM FOR THEIR PUTATIVE IMPLICATIONS  
IN CHILD AND WOMEN HEALTHCARE

Given on this day, the 11th January 2020  
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14DRBI0004



*Pankaj S. Joshi*

Provost

*Suman Kumar*

President





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*Doctor of Philosophy*

under

Faculty of Applied Sciences

on

***Polisetti Veerababu***

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

**STUDIES ON THE DEVELOPMENT OF HIGH FLUX  
ANTIFOULING NANOFILTRATION MEMBRANES**

given on this day, **9th January 2021**  
under the seal of the University.



14DRCSM003



*Pankaj S. Joshi*

*Provost*

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The Governing Body confers the Degree of

### *Doctor of Philosophy*

under

Faculty of Applied Sciences

on

***V Dhanya***

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

**EXPLORING THE POTENTIAL OF CANINE INDUCED PLURIPOTENT STEM  
CELLS IN STEM CELL BIOLOGY AND REGENERATIVE MEDICINE**

given on this day, **9th January 2021**  
under the seal of the University.



13DRBIO003



*Pankaj S. Joshi*

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The Governing Body confers the Degree of

### *Doctor of Philosophy*

under

Faculty of Applied Sciences

on

***Chauhan Alex Victor***

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

**DETECTION OF TLR9 POLYMORPHISMS AND THEIR  
ASSOCIATION WITH STIs, CERVICITIS AND CERVICAL CANCER**

given on this day, **9th January 2021**  
under the seal of the University.



12DRBIO007



*Pankaj S. Joshi*

*Provost*

*Sunil Kumar*

*President*





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The Governing Body confers the Degree of

*Doctor of Philosophy*

under

Faculty of Applied Sciences

on

*S. Kumaresan*

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

**STUDIES ON SYNTHETIC AND NATURAL SMECTITE  
CLAY MODIFICATION AND APPLICATION**

given on this day, **9th January 2021**  
under the seal of the University.



15DRCSM001



*Pankaj S. Joshi*

*Provost*

*Sunil Kumar*

*President*



# **Faculty of Medical Sciences**





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The Governing Body confers the Degree of

## *Doctor of Philosophy*

under

Faculty of Medical Sciences

on

**Dave Dhruvkumar Pareshkumar**

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

**EFFECT OF AEROBIC EXERCISE VERSUS PROGRESSIVE RESISTED  
EXERCISE ON GLYCOSYLATED HAEMOGLOBIN (HbA1c)  
IN PERSONS WITH TYPE 2 DIABETES MELLITUS**

given on this day, **20th March 2021**  
under the seal of the University.



11DRPT002



*Pankaj S. Joshi*  
Provost

*Suman M. Patel*  
President





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The Governing Body confers the Degree of

*Doctor of Philosophy*

under

Faculty of Medical Sciences

on

*Tiwari Anjali Pushkar*

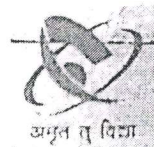
who has fulfilled the requirements of the programme  
and successfully defended the thesis entitled

EFFECTIVENESS OF RESEARCHER DEVELOPED INFORMATIONAL  
BOOKLET REGARDING BIRTH PREPAREDNESS AND COMPLICATION  
READINESS (BPCR) ON KNOWLEDGE OF ANTENATAL WOMEN AND  
ASSESSMENT OF COMPETENCIES REGARDING BPCR OF ASHAS

Given on this day, the 11th January 2020  
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14DNR003



009794

*Pankaj S. Joshi*  
Provost  
*Pranav Joshi*  
President

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## *Doctor of Philosophy*

under

Faculty of Medical Sciences

on

***Patel Sapna Bhavin***

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

UTILIZATION OF MATERNAL HEALTH SERVICES AND BARRIERS OF  
UTILIZATION PERCEIVED BY WOMEN OF REPRODUCTIVE AGE,  
HEALTH CARE PROVIDERS AND FAMILY MEMBERS IN RURAL AREAS OF  
ANAND DISTRICT OF GUJARAT STATE - A MIXED METHOD STUDY

Given on this day, the 11th January 2020  
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