



CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY

Criteria 3

Research, Innovations and Extension

Metric 3.4.4	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 : 2018-19)
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Faculty of Technology & Engineering



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

under

Faculty of Technology and Engineering

on

Chokshi Rajeshkumar Bhanuprasad

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

Development of A Novel Framework Based on Empirical
Parameters to Predict and Optimize Performance of
Coal-Based KWU Designed Power Generating Units

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



12DRME002



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 Nimit Manubhai

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

**SIMULATION & OPTIMIZATION OF MULTI-HOLE NOZZLE
IN COMBUSTION CHAMBER USING CNG
AS A FUEL AND VALIDATION ON DIESEL ENGINE**

Given on this day, the 11th January 2020
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130PME003



009773

Prady S. Joshi

Provost

Prady S. Joshi

President



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The Governing Body confers the Degree of

Doctor of Philosophy

under

Faculty of Technology and Engineering

on

Dikshit Saurabhkumar Bharatkumar

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

SPRAY CHARACTERIZATION OF LIQUID FUEL

Given on this day, the **11th January 2020**
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12DRME013



Pankaj S. Joshi

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Suman T. Patel

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The Governing Body confers the Degree of

Doctor of Philosophy

under

Faculty of Technology and Engineering

on

Buch Vyomesh Raseshkumar

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

**INVESTIGATIONS OF METAL OXIDE FILMS FOR
OPTICAL AND ELECTROCHROMIC PROPERTIES**

Given on this day, the **11th January 2020**
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14DRME001



009778

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

Patel Yamini Jayantilal

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

SELF COMPACTING GEOPOLYMER CONCRETE

Given on this day, the 11th January 2020
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14DRCL001



009776

Pankaj S. Joshi

Provost

President



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The Governing Body confers the Degree of

Doctor of Philosophy

under

Faculty of Technology and Engineering

on

Bhatt Chintan Maheshkumar

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

LEARNING AND INTELLIGENT OPTIMIZATION
IN FOG IOT PARADIGM

Given on this day, the 11th January 2020
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14DRCE004



Pankaj S. Joshi

Provost

Suman Kumar

President

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RAMANLAL JOSHI
Date: 2020.06.05 15:21:31
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The Governing Body confers the Degree of

Doctor of Philosophy

under

Faculty of Technology and Engineering

on

Miral P. Patel

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

An Unsupervised Stemmer

Given on this day, the 12th January 2019
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13DRCE010



Pankaj S. Joshi

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Suman Kumar

President



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The Governing Body confers the Degree of

Doctor of Philosophy

under

Faculty of Technology and Engineering

on

Patel Dhara Pinkesh

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

DESIGN OF CMOS ACTIVE INDUCTOR BASED
VOLTAGE CONTROLLED OSCILLATOR

Given on this day, the 11th January 2020
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13DREC003



009771

Pankaj S. Joshi
Provost


President



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The Governing Body confers the Degree of

Doctor of Philosophy

under

Faculty of Technology and Engineering

on

Khant Shaileshkumar Babubhai

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

**PERFORMANCE RATINGS OF HIGH SPEED WDM-PON
AND TDM-POM IN WIRED AND WIRELESS ENVIRONMENT**

Given on this day, the **11th January 2020**
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13DREC001



Pankaj S. Joshi
Provost

[Signature]
President

Certificate No : CONVO/2020/9 : 002024



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The Governing Body confers the Degree of

Doctor of Philosophy

under

Faculty of Technology and Engineering

on

Patel Arpita Pinalkumar

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

*Analysis and Design of Invert Tree Based
Interleaver in Multiuser Interleave Division
Multiple Access Scheme*

Given on this day, the 12th January 2019
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12DREC013



Pankaj S. Joshi

Provost

Sunil Kumar

President

icate No : CONVO/2019/8 : 000007

005753



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The Governing Body confers the Degree of

Doctor of Philosophy

under

Faculty of Technology and Engineering

on

Kanwar Preet Kaur

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

DESIGN, ANALYSIS AND DEVELOPMENT OF ULTRATHIN
MULTIBAND MICROWAVE METAMATERIAL ABSORBER
FOR ELECTROMAGNETIC ENERGY HARVESTING APPLICATIONS

Given on this day, the **11th January 2020**
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15DREC003



009779

Pankaj S. Joshi

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Sumit Kumar

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The Governing Body confers the Degree of

Doctor of Philosophy

under

Faculty of Technology and Engineering

on

Rachna Dhaval Jani

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

*Design of Low Power Asynchronous
Sigma Delta Modulator using 180Nm Technology*

Given on this day, the 12th January 2019
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13DREC002



Pankaj S. Joshi

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Sunil Kumar

President



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The Governing Body confers the Degree of

Doctor of Philosophy

under

Faculty of Technology and Engineering

on

Milendrakumar M. Solanki

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

*Analysis and Design of Wireless Communication System
for Improvement in System Parameters
using Adaptive MIMO OFDM*

Given on this day, the **12th January 2019**
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12DREC015



Pankaj S. Joshi

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Suman M. Joshi

President



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The Governing Body confers the Degree of

Doctor of Philosophy

under

Faculty of Technology and Engineering

on

Patel Ujjavalbhai Jawaharbhai

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

**DEVELOPMENT OF NUMERICAL DISTANCE RELAYING
SCHEMES FOR TRANSMISSION LINE PROTECTION**

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



14DREE001



Pankaj S. Joshi
Provost


President



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The Governing Body confers the Degree of

Doctor of Philosophy

under

Faculty of Technology and Engineering

on

Patel Nilaykumar Arvindbhai

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

**MITIGATION OF SSR IN POWER SYSTEM THROUGH
DYNAMIC MODELLING AND CONTROL OF FACTS DEVICES**

Given on this day, the **11th January 2020**
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12DREE001



009765

Pankaj S. Joshi
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Sumit Patel
President

Faculty of Pharmacy



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The Governing Body confers the Degree of

Doctor of Philosophy

under

Faculty of Pharmacy

on

Kanankumari Gamanlal Gamit

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

**Chemical & Biological Evaluation of
Ashwagandhadi Lehya & Gokshuradi Guggulu
for Spermatogenic & Aphrodisiac Potential**

Given on this day, the **12th January 2019**
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10DRPHC003



Pankaj S. Joshi
Provost

Suman M. Joshi
President

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Date: 2019.01.09 15:54:34 IST



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The Governing Body confers the Degree of

Doctor of Philosophy

under

Faculty of Pharmacy

on

Pandya Dharmang Tansukhray

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

BIOAVAILABILITY IMPROVEMENT OF SOME BCS CLASS – II
DRUGS THROUGH DISSOLUTION ENHANCEMENT
USING LIQUISOLID COMPACTS

Given on this day, the 11th January 2020
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11DRPC001



Pankaj S. Joshi

Provost

Sumit Joshi

President

Faculty of Computer Applications



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The Governing Body confers the Degree of

Doctor of Philosophy

under

Faculty of Computer Science and Applications

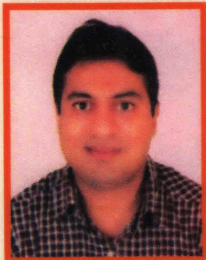
on

Kalpita G. Soni

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

*Locate Cloud File with Accurate Geographical Location
using Modified K-Medoid Clustering*

Given on this day, the 12th January 2019
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12DRMCA002



Pankaj S. Joshi

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Sunil Kumar

President



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The Governing Body confers the Degree of

Doctor of Philosophy

under

Faculty of Computer Science and Applications

on

Rupal Kamleshbhai Snehkunj

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

**Locating Brain Abnormality and Extracting Features
from MRI/CT Images using Segmentation
and Classification Techniques**

Given on this day, the **12th January 2019**
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14DRMCA003



Pankaj S. Joshi
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Sumit 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

Sable Reshma Gunaji

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

**A STUDY OF LEARNING ORGANIZATIONS
OPERATING IN AUTOMOBILE INDUSTRY**

Given on this day, the **11th January 2020**
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11DRMBA002



Pankaj S. Joshi

Provost

Suman R. Joshi

President

Faculty of Sciences



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The Governing Body confers the Degree of

Doctor of Philosophy

under

Faculty of Applied Sciences

on

Farhat Zakirhusain Marchawala

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

**Biological Control of Root Knot Nematodes Meloidogyne
Incognita By Chitinase and Keratinase Producing
Native Kocuria Flava Fa10**

Given on this day, the **12th January 2019**
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13DRBIO002



Pankaj S. Joshi

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Sumit Kumar

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The Governing Body confers the Degree of

Doctor of Philosophy

under

Faculty of Applied Sciences

on

Sanni Dilipbhai Kapatel

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

*Study of Few-To-Monolayer Transition Metal Dichalcogenides:
Synthesis, Characterization and Applications*

Given on this day, the *12th January 2019*
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13DRNST005



Pankaj S. Joshi

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Sunil Kumar

President



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The Governing Body confers the Degree of

Doctor of Philosophy

under

Faculty of Applied Sciences

on

Gopala Ram Bhadu

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

**Developing Innovative Methods for TEM Sample
Preparation and Processing of Organic Conducting Materials**

Given on this day, the **12th January 2019**
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13DRCSM001



Pankaj S. Joshi
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Sumit 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 Applied Sciences

on

Rajesh Patidar

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

**Studies on Recognition of Selective Metal Ions
using Fluorescent Molecular and Nanoprobes**

Given on this day, the **12th January 2019**
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13DRCSM002



Pankaj S. Joshi

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Sumit

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The Governing Body confers the Degree of

Doctor of Philosophy

under

Faculty of Applied Sciences

on

Ahir Harsha Lakhabhai

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

**CUMULUS CO-CULTURE SYSTEM AND
EMBRYOSCOPIC STUDIES IN IVF TECHNIQUE**

Given on this day, the **11th January 2020**
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14DRBIO005



Pankaj S. Joshi

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Suman Kumar

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The Governing Body confers the Degree of

Doctor of Philosophy

under

Faculty of Applied Sciences

on

Trivedi Kinjal Niranjانبhai

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

TRIBOLOGICAL PROPERTIES OF MAGNETIC FLUIDS

Given on this day, the 11th January 2020
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14DRNST001



Pankaj S. Joshi

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Sumit Kumar

President



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The Governing Body confers the Degree of

Doctor of Philosophy

under

Faculty of Applied Sciences

on

Suthar Mihirkumar Sureshbhai

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

ORDERING POLICIES FOR DETERIORATING ITEMS HAVING
RAMP TYPE AND TRAPEZOIDAL TYPE DEMAND PATTERNS

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12DRMTH002



Pankaj S. Joshi

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Sunil Kumar

President



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The Governing Body confers the Degree of

Doctor of Philosophy

under

Faculty of Applied Sciences

on

Thakkar Sampark Sanjaybhai

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

**SYNTHESES, CHARACTERIZATION OF 1, 2, 4-TRIAZOLE,
1, 3, 4-OXADIZOLE AND BENZOTHAZOLE ANALOGUES; PM6, DFT AND IN
SILICO MOLECULAR DOCKING TO EVALUATE THEIR POTENTIAL
AS ANTIMICROBIAL AND ANTIMALARIAL AS DHFR INHIBITOR AGENTS**

Given on this day, the **11th January 2020**
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12DRCHE001



Pankaj S. Joshi

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Suman Kumar

President