



CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY

Criteria 3

Research, Innovations and Extension

Metric 3.4.2	<p>The institution provides incentives to teachers who receive state, national and international recognition/awards</p> <ol style="list-style-type: none">1. Commendation and monetary incentive at a University function2. Commendation and medal at a University function3. Certificate of honor4. Announcement in the Newsletter / website
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Supporting Documents

1	E- copies of the letters of awards (Year : 2018-19)
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**Commendation and
monetary incentive at a
University function**

2018-19

CHAROTAR UNIVERSITY OF SCIENCE & TECHNOLOGY

Date: 7th January 2019

OFFICE ORDER

Appreciating the efforts of faculty members of Charotar University of Science and Technology (CHARUSAT), in cultivating a conducive research culture in the university, the following faculty members whose research work has been published in reputed journals, would be felicitated with **CHARUSAT Research paper award** and a cash prize on the Foundation day i.e. 28th January 2019.

List of Faculty Members Awarded / Rewarded with Monetary Incentive for Research Publication(s)

Sr. No.	Academic Year	Name of the Faculty Member	Department	Institute	Research paper Title	Amount Awarded
1	2018-19	Vaibhav Patel	Chemical	PDPIAS	Dip-coated PbS/PVP nanocomposite films with tunable band gap	5940
2	2018-19	Dr. Mitesh H Patel	Chemical	PDPIAS	Influence of Pb ²⁺ -Thiourea complex concentration on the structural, optical, thermal and electrical properties of PbS/PVP-PVA nanocomposite films	4434
3	2018-19	Abhishek Dadhania	Chemical	PDPIAS	Ionic liquid promoted facile and green synthesis of 1,8-dioxo-octahydroxanthene derivatives under microwave irradiation	5456
4	2018-19	Abhishek Dadhania	Chemical	PDPIAS	Sonochemical synthesis of 2,3-dihydro-4(1H)-quinazolinones and 1-amidoalkyl-2-naphthols using magnetic nanoparticle-supported ionic liquid as a heterogeneous catalyst	4674
5	2018-19	Darshan H. Patel	Biotech	PDPIAS	A single and two step isomerization process for d-tagatose and l-ribose bioproduction using l-arabinose isomerase and d-lyxose isomerase	5935
6	2018-19	Darshan H. Patel	Biotech	PDPIAS	Bioproduction of L-Aspartic Acid and Cinnamic Acid by L-Aspartate Ammonia Lyase from Pseudomonas aeruginosa PAO1	4800

7	2018-19	Darshan H. Patel	Biotech	PDPIAS	Cellular Components, Including Stem-Like Cells, of Preterm Mother's Mature Milk as Compared with Those in Her Colostrum: A Pilot Study	4950
8	2018-19	Samir R. Dedania	Biotech	PDPIAS	Immobilization on graphene oxide improves the thermal stability and bioconversion efficiency of D-psicose 3-epimerase for rare sugar production	5935
9	2018-19	Kinnari Parekh	Physical	KRADLE	The effect of magnetic field induced aggregates on ultrasound propagation in aqueous magnetic fluid	6046
10	2018-19	Kinnari Parekh	Physical	KRADLE	Role of inter-particle force between micro and nano magnetic particles on the stability of magnetorheological fluid	4653
11	2018-19	Kinnari Parekh	Physical	KRADLE	Performance of Mn-Zn ferrite Magnetic Fluid in a Prototype Distribution Transformer Under Varying Loading Conditions	6363
12	2018-19	Kinnari Parekh	Physical	KRADLE	Temperature dependent acoustic properties of temperature sensitive magnetic fluid subjected to magnetic field	7515
13	2018-19	Kinnari Parekh	Physical	KRADLE	Nanolubricant: Magnetic Nanoparticle Based	4152
14	2018-19	PALASH MANDAL	Biological	PDPIAS	Protective Effects of Diallyl Sulfide Against Ethanol-Induced Injury in Rat Adipose Tissue and Primary Human Adipocytes	6192
15	2018-19	PALASH MANDAL	Biological	PDPIAS	Evaluating the effect of diallyl sulfide on regulation of inflammatory mRNA expression in 3T3L1 adipocytes and RAW 264.7 macrophages during ethanol treatment	4656
16	2018-19	Kaushal Pralhadbhai Patel	Chemical	PDPIAS	Nano silver-embedded electrospun nanofiber of poly(4-chloro-3-methylphenyl methacrylate): use as water sanitizer	5800

17	2018-19	Rucha Desai	Physical	PDPIAS	Enhancement in recovery of drugs with high protein binding efficiency from human plasma using magnetic nanoparticles	5832
18	2018-19	Sanni Kapatel	Physical	PDPIAS	Layer-engineered I-V characteristics of p-Si/WS ₂ Van der Waals Heterostructure diode	5240
19	2018-19	Sanni Kapatel	Physical	PDPIAS	Salt assisted sonochemical exfoliation and synthesis of highly stable few-to-monolayer WS ₂ quantum dots with tunable optical properties	5325
20	2018-19	Kirankumar Patel	Biological	PDPIAS	Transgenic Peanut (<i>Arachis hypogaea</i> L.) Overexpressing mtID Gene Showed Improved Photosynthetic, Physio-Biochemical, and Yield-Parameters under Soil-Moisture Deficit Stress in Lysimeter System	6678
21	2018-19	Dr. Krunal Kachhia	Maths	PDPIAS	Certain properties of Gegenbauer polynomials via Lie algebra	4076
22	2018-19	Hiteshri Shastri	Civil	CSPIT	Flip flop of day-night and summer-winter surface urban heat island intensity in India	7125
23	2018-19	Dr. Pritpal Singh	CMPICA	CMPICA	Indian summer monsoon rainfall (ISMR) forecasting using time series data: A fuzzy-entropy-neuro based expert system	7051
24	2018-19	Prakash V	ARIP	ARIP	Description of interventions is under-reported in physical therapy clinical trials	4700

7th January, 2019, Changa



[Handwritten Signature]
Registrar

**Commendation and medal
at a University function**

2018-19

Faculty of Medical Sciences



Ashok & Rita Patel
Institute of Physiotherapy

ASHOK & RITA PATEL INSTITUTE OF PHYSIOTHERAPY

A Constituent Institute of

CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY

Accredited with "Grade A" by NAAC, Bengaluru

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



CHARUSAT

To,

Date: 08/02/2019

Dr. Prakash V.

Assistant Professor.

RIP.

Sub: Information regarding Appreciation Award.

Dear Sir,

This is to inform that you have been selected for the appreciation award for the following categories: Academics / Research / ~~Administration~~ for the 10th Annual Day function to be held on 9th February, 2019.

Your performance in the selected category is well appreciated.

Dr. M. Balaganopathy PT, PhD.

ASSOCIATE PROFESSOR & PRINCIPAL I/C
ASHOK & RITA PATEL INSTITUTE OF PHYSIOTHERAPY
CHARUSAT CAMPUS, CHANGA
AT. CHANGA - 388 421
TA. PETLAD, DIST. ANAND (GUJARAT)





Ashok & Rita Patel
Institute of Physiotherapy

ASHOK & RITA PATEL INSTITUTE OF PHYSIOTHERAPY

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CHARUSAT

To,

Date: 08/02/2019

Dr. Sweni Shah,

Assistant Professor,

RIP.

Sub: Information regarding Appreciation Award.

Dear Mam,

This is to inform that you have been selected for the appreciation award for the following categories: ~~Academics~~ / Research / Administration for the 10th Annual Day function to be held on 9th February, 2019.

Your performance in the selected category is well appreciated.

Dr. M. Balaganapathy PT, PhD.

ASSOCIATE PROFESSOR & PRINCIPAL I/C
ASHOK & RITA PATEL INSTITUTE OF PHYSIOTHERAPY
CHARUSAT CAMPUS, CHANGA
AT. CHANGA - 388 421
TA. PETLAD, DIST. ANAND (GUJARAT)

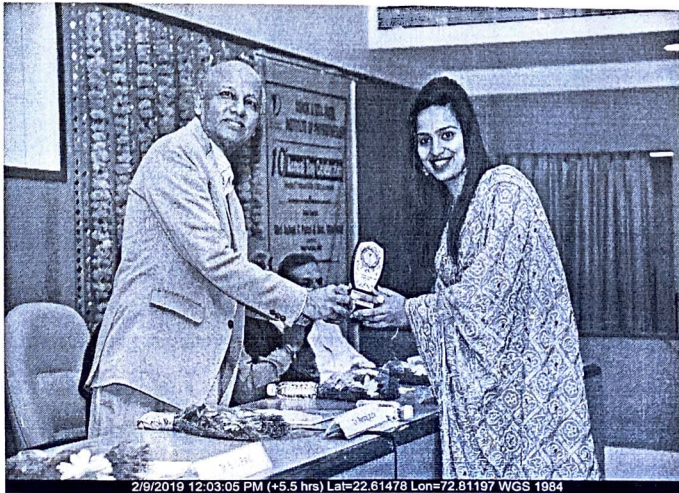


Faculty appreciation award for annual day 2019 – Excellence in Research

Dr. V Prakash



Dr. Sweni Shah



Certificate of honor
2018-19

Faculty of Technology & Engineering

Date: 27/07/2018


Dear **Dr. V. R. Panchal**

Hearty Congratulations to you for recognition as **Member of NAAC peer team**
by **NAAC**.

Your achievement for which you had worked very hard is worthy of
appreciation.

I look forward to more such achievements by you in the future and wish you
success in your endeavors.

With regards


Dr. A. D. Patel
Principal, CSPIT



Date: 28/08/2018


Dear **Dr. V. R. Panchal**

Hearty Congratulations to you for receiving financial grant for organizing **STTP on Finite Element Method and Applications in Civil Engineering** from **GUJCOST, Gandhinagar.**

Your achievement for which you had worked very hard is worthy of appreciation.

I look forward to more such achievements by you in the future and wish you success in your endeavors.

With regards


Dr. A. D. Patel
Principal, CSPIT



Date: 23/01/2019

Dear **Ms. Mitali U. Vedanti**

Hearty Congratulations to you for receiving certificate from **NPTEL** regarding
**NPTEL - Second learner who have taken multiple courses with
progressive results.**

Your achievement for which you had worked very hard is worthy of
appreciation.

I look forward to more such achievements by you in the future and wish you
success in your endeavors.

With regards



Dr. V. R. Panchal
Professor and Head
M. S. Patel Department of Civil Engineering



Date: 28/04/2019

Dear **Ms. Saraswati Pathariya**

Hearty Congratulations to you for **appointment as Facilitator in year-long
Tod-Fod-Jod 2018-19 by Vadodara Innovation Council.**

Your achievement for which you had worked very hard is worthy of
appreciation.

I look forward to more such achievements by you in the future and wish you
success in your endeavors.

With regards



Dr. V. R. Panchal
Professor and Head
M. S. Patel Department of Civil Engineering



Date: 12/07/2019

Dear **Dr. Hiteshri K Shastri**

Hearty Congratulations to you for receiving **GUJCOST Grant for STTP** from **GUJCOST**.

Your achievement for which you had worked very hard is worthy of appreciation.

I look forward to more such achievements by you in the future and wish you success in your endeavors.

With regards



Dr. V. R. Panchal
Professor and Head
M. S. Patel Department of Civil Engineering





CHARUSAT
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CHARUSAT RESEARCH PAPER AWARD

The CHARUSAT Research Paper Award

for the year 2017 is awarded on

28th January 2019 to

Alpesh Vala, Amit Patel, Riddhi Goswami and Keyur Mahant

for the paper entitled

Defected Ground Structure Based Wideband Microstrip Lowpass
Filter for Wireless Communication

published in
Microwave and Optical Technology Letters

Registrar



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Registrar

Faculty of Computer Science and Applications



SMT. CHANDABEN MOHANBHAI PATEL INSTITUTE OF COMPUTER APPLICATION

(BCA - MCA - M.Sc. - IT - Ph.D. Programme)

CHAROTAR UNIVERSITY OF SCIENCE & TECHNOLOGY-CHARUSAT-CHANGA

At & Po. CHANGA - 388 421. Ta. Petlad, Dist. Anand

Phone : (02667) 248215, Fax : (02697) 247100

Website : www.charusat.ac.in - E-mail : cmpica@charusat.ac.in

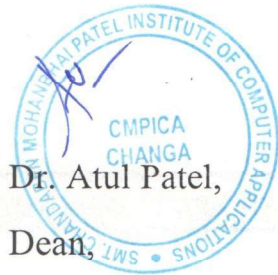


Letter of Appreciation

This letter is awarded to **AGRAWAL SMITAKUMARI SURESHKUMAR, ATUL MANUBHAI PATEL** to appreciate their research work published under the title **“CSG Cluster: A Collaborative Similarity Based Graph Clustering in Complex Networks“**.

We hope that you will continue similar research work in future. We wish you best of luck for the future.

Date: 04th January, 2020



Dr. Atul Patel,

Dean,

Faculty of Computer Science and Applications,

Charotar University of Science and Technology.



SMT. CHANDABEN MOHANBHAI PATEL INSTITUTE OF COMPUTER APPLICATION

(BCA - MCA - M.Sc. - IT - Ph.D. Programme)

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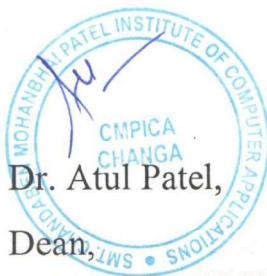


Letter of Appreciation

This letter is awarded to **SANSKRUTI VRIJLAL PATEL, ATUL MANUBHAI PATEL** to appreciate their research work published under the title "**Performance Analysis and Evaluation of Clustering Algorithms**".

We hope that you will continue similar research work in future. We wish you best of luck for the future.

Date: 04th January, 2020



Dr. Atul Patel,

Dean,

Faculty of Computer Science and Applications,

Charotar University of Science and Technology.



SMT. CHANDABEN MOHANBHAI PATEL INSTITUTE OF COMPUTER APPLICATION

(BCA - MCA - M.Sc. - IT - Ph.D. Programme)

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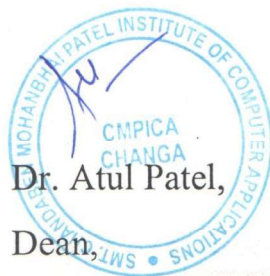


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We hope that you will continue similar research work in future. We wish you best of luck for the future.

Date: 04th January, 2020



Dr. Atul Patel,

Dean,

Faculty of Computer Science and Applications,

Charotar University of Science and Technology.

Faculty of Medical Sciences

CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY

CHAROTAR INSTITUTE OF PARAMEDICAL SCIENCE

LIST OF AWARDS 2018 – 2019

Name of full time teachers receiving awards	Designation	Type of incentives	Date
Mrs. Dolly Sharma	Assistant Professor	Certificate of honor	27 June 2019



CHAROTAR UNIVERSITY OF SCIENCE & TECHNOLOGY

Formed under Gujarat State Act No. : 8 of 2009

Accredited Grade A by NAAC

Date: 27 June
2019

To,

Dolly Sharma

Assistant professor/ Head of Department

Dept. of Medical Imaging Technology
CIPS.

Subject: Appreciation for Quality work

Dear Dolly,

On behalf of the entire team of the Charusat family, I would like to express our sincere admiration for the amazing efforts put by you for the Improvement of the Scientific Articles. You have been active as the Editorial reviewer for the Journal of Clinical and Diagnostic Research (JCDR) and have reviewed 10 scientific articles in this academic year 2018-19.

We pride in your hard work and dedication to maintaining and reviewing the Quality of Research.

Thanks, and keep up the great work!

Sincerely,

Dr. Darshan Patel

Professor/ Principal

Charotar Institute of Paramedical Science

CHARUSAT University.



PRINCIPAL
ROTAR INSTITUTE OF PARAMEDICAL SCIENCES
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Aegis : Shri Charotar Moti Sattavis Patidar Kelavani Mandal

**Announcement in the
Newsletter / website**

2018-19

આંતરરાષ્ટ્રીય ક્ષેત્રે ચારુસેટ યુનિવર્સિટી ચાંગાના ઈલેક્ટ્રીકલ ડિપાર્ટમેન્ટનું ગૌરવ

આણંદ, તા. ૨૨

ગુજરાતની ચારુસેટ યુનિવર્સિટી- ચાંગાના ઈલેક્ટ્રીકલ એન્જિનિયરીંગ ડિપાર્ટમેન્ટમાંથી સહાયક પ્રોફેસર **ધર્મેશ ડાભી**, જીગર શારડા અને પ્રોફેસર ડો. **કાર્તિક પંડ્યાએ** આંતરરાષ્ટ્રીય સ્પર્ધા **ઈવોલ્યુશનરી કોમ્પ્યુટેશન એન્વાયરમેન્ટ્સ : સ્માર્ટ ગ્રીડ એપ્લીશનમાં ભાગ લીધો હતો**. આ આંતરરાષ્ટ્રીય સ્પર્ધા આ.ઈ.ઈ.ઈ કોંગ્રેસ ઓન ઈવોલ્યુશનરી કોમ્પ્યુટેશન અને જીનેટીક ઈવોલ્યુશનરી કોમ્પ્યુટેશન દ્વારા ન્યુઝીલેંડના વિલિંગ્ટન અને ચેક રિપબ્લિકના પેરાગ્યુએમાં યોજવામાં આવી હતી.

આ સ્પર્ધાનો હેતુ અધ્યતન કોમ્પ્યુટેશનલ ઈન્ટેલિજન્સ તકનીકો વિકસાવી તેનો ઉપયોગ એનર્જી રિસોર્સ મેનેજમેન્ટ માટે કરી ઊર્જા ખર્ચ ઘટાડવાનો હતો. આ સ્પર્ધામાં દુનિયાના



કાર્તિક



ધર્મેશ



જીગર

ઘણા દેશો સંશોધન કરતા લોકોએ ભાગ લીધો હતો. જેમાંથી ગુજરાતની ચારુસેટ યુનિવર્સિટી - ચાંગાના ઈલેક્ટ્રીકલ એન્જિનિયરીંગ વિભાગના પ્રોફેસર ડો. કાર્તિક પંડ્યાના માર્ગદર્શન હેઠળ સહાયક પ્રોફેસર ધર્મેશ ડાભીએ હાઈબ્રીડ લેવી પાર્ટિકલ સ્વાર્મ વેરિએબલ નેબરહુડ સર્ચ ઓપ્ટિમાઇઝેશન અને સહાયક પ્રોફેસર જીગર શારડાએ ગોસ મેપ વેરીએબલ પાર્ટીકલ પાર્ટીકલ સ્વાર્મ

ઓપ્ટિમાઇઝેશન નામની તકનીક વિકસાવી તેનો ઉપયોગ એનર્જી રિસોર્સ મેનેજમેન્ટ માટે કરી ઊર્જા ખર્ચ ઘટાડવો હતો. તેમની આ તકનીકનો બંને આંતરરાષ્ટ્રીય સ્પર્ધામાં દ્વિતીય અને તૃતીય નંબર પ્રાપ્ત થયેલ છે અને ચારુસેટ યુનિવર્સિટીને ગૌરવ અપાવેલ છે. આ સિદ્ધિ બદલ હેડ ઓફ ડિપાર્ટમેન્ટ ડો. નિલય પટેલે અભિનંદન પાઠવ્યા હતા.

English translation of Gujarat newspaper article

A MOMENT OF PRIDE AT INTERNATIONAL LEVEL FOR THE ELECTRICAL DEPARTMENT, CHARUSAT UNIVERSITY, CHANGA

Anand, Date -22

Charusat University of Gujarat - Assistant Professor Dharmesh Dabhi, Jigar Sharda and Professor Dr. Karthik Pandya from Department of Electrical Engineering, Changa participated in the international competition Evolutionary Commutation an Environment: Smart Grid Application. The international competition was organized by the IEEE Congress on Evolutionary Commutation and Genetic Evolutionary Communication in Wellington, New Zealand and Paraguay. The competition aimed to reduce energy costs by developing state of the art computational intelligence techniques and using them for energy resource management. People from many countries participated in the competition. Out of which, the Department of Electrical Engineering-Under the guidance of Professor Dr. Kartik Pandya, Assistant Professor Dharmesh Dhabhi, Hybrid Particle Warm Variable Neighborhood Search Optimization and Assistant Professor Jigar Sharda, Goss Map Variable Particle Swarm developed that technology called as optimization. It is used for energy resource management to reduce energy costs. Both techniques has achieved second and third place in the international competition and has made Charusat University proud. For this achievement, Dr Nilay patel, the Head of the Department, congratulates to team.



D. Patel

REGISTRAR
CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY
CHARUSAT CAMPUS, CHANGA