

CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY

Criteria 3

Research, Innovations and Extension

Supporting Documents

1	E- copies of the letters of awards
L	(Year : 2017-18)

Commendation and monetary incentive at a University function

2017-18

CHAROTAR UNIVERSITY OF SCIENCE & TECHNOLOGY

Date: 10th January 2018

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 2018.

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	2017-18	Khalidur Rahman	Bioscience	PDPIAS	Loss of junctional adhesion molecule A promotes severe steatohepatities in mice on a diet high in saturated fat, fructose and cholesterol	650
2	2017-18	K. Hariohm	ARIP	ARIP	Research Productivity of Indian Physiotherapists A Review of MEDLINE	3670
3	2017-18	Mansi Paradkar	RPCP	RPCP	Formulation development and evaluation of medicated chewing gum of anti-emetic drug	3670
4	2017-18	Chirag Patel	CMPICA	CMPICA	Novel Vehicle Number Plate Segmentation Technique in Indian Conditions	3670
5	2017-18	Subhas Barman	ίΤ	CSPIT	Novel Secure Key-Exchange Protocol Using Biometrics of the Sender and Receiver	2750



10th January, 2018, Changa

Page 1 of 1

RPA 2017-18

Commendation and medal at a University function

2017-18

Faculty of Medical Sciences



ASHOK & RITA PATEL INSTITUTE OF PHYSIOTHERAPY

A Constituent Institute of

CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY

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



Date: 24/02/2018

Dr. Dipika Rohadia,

Assistant Professor,

ARIP.

Sub: Information regarding Appreciation Award.

Dear Mam,

This is to inform you that you have been selected for the appreciation award for the following categories: Academics / Research / Administration for the 9th Annual Day function to be held on 24th February, 2018. Your performance in the selected category is well appreciated.

91. BY

Dr. M. Balaganapathy PT, Ph.D.

ASSOCIATE PROFESSOR & PRINCIPAL I/C ACTOR & RITA PATEL INSTITUTE OF PHYSIOTHERAPY CHARUSAT CAMPUS, CHANGA AT. CHINGA - 388 421 CHINGA - 388 421 CHINGA - 388 421





Faculty appreciation award for annual day 2018 – Excellence in Research

Dr. Dipika Shah



Certificate of honor 2017-18

Faculty of Technology & Engineering



(A Constituent Institute of CHARUSAT)

CHARUSAT Campus - Changa, Off Nadiad - Petlad Highway, Gujarat - 388 421. INDIA. Ph. # +91-2697 - 265011, 265021 E-mail : principal.cspit@charusat.ac.in

Date: 17/12/2017

Dear Dr. V. R. Panchal

Hearty Congratulations to for appointment as Member of Board of Studies in Applied Mechanics by Faculty of Technology and Engineering, The Maharaja Sayajirao University of Baroda.

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







(A Constituent Institute of CHARUSAT)

CHARUSAT Campus - Changa, Off Nadiad - Petlad Highway, Gujarat - 388 421. INDIA. Ph. # +91-2697 - 265011, 265021 E-mail : principal.cspit@charusat.ac.in

Date: 09/08/2017

Dear Dr. V. R. Panchal

Hearty Congratulations to you for **Appointment as Reviewer** by **Arabian** Journal for Science and Engineering, an International Journal.

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

AU

Dr. A. D. Patel Principal, CSPIT







(A Constituent Institute of CHARUSAT)

CHARUSAT Campus - Changa, Off Nadiad - Petlad Highway, Gujarat - 388 421. INDIA. Ph. # +91-2697 - 265011, 265021 E-mail : principal.cspit@charusat.ac.in

Date: 14/11/2017

Dear Dr. V. R. Panchal

Hearty Congratulations to you for **Appointment as Reviewer** by **Earthquake Engineering and Engineering Vibration**, an International Journal.

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







(A Constituent Institute of CHARUSAT)

CHARUSAT Campus - Changa, Off Nadiad - Petlad Highway, Gujarat - 388 421. INDIA. Ph. # +91-2697 - 265011, 265021 Ermail : principal.cspit@charusat.ac.in

Date: 30/08/2017

Dear Dr. V. R. Panchal

Hearty Congratulations to you for Appointment as Reviewer by Nirma University, Ahmedabad.

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







(A Constituent Institute of CHARUSAT)

CHARUSAT Campus - Changa, Off Nadiad - Petlad Highway, Gujarat - 388 421. INDIA. Ph. # +91-2697 - 265011, 265021 E-mail : principal.cspit@charusat.ac.in

Date: 22/12/2017

Dear Ms. Pinal C. Patel

Hearty Congratulations to you for **Recognition of role as mentor for the NPTEL online Certification Course "Mechanics of Soilds"** in June – December 2017 by **NPTEL**.

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.

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CSPIT CHANGA

With regards





(A Constituent Institute of CHARUSAT)

CHARUSAT Campus - Changa, Off Nadiad - Petlad Highway, Gujarat - 388 421. INDIA. Ph. # +91-2697 - 265011, 265021 E-mail : principal.cspit@charusat.ac.in

Date: 30/12/2017

Dear Mr. Devang G. Patel

Hearty Congratulations to you for **Recognition of role as mentor for the NPTEL online Certification Course "Reinforced COncrete Road Bridges"** in June - Dec 2017 by **NPTEL**.

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







(A Constituent Institute of CHARUSAT)

CHARUSAT Campus - Changa, Off Nadiad - Petlad Highway, Gujarat - 388 421. INDIA. Ph. # +91-2697 - 265011, 265021 E-mail : principal.cspit@charusat.ac.in

Date: 12/02/2018

Dear Dr. Hiteshri K. Shastri

Hearty Congratulations to you for receiving Early Career Research Award from DST.

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





(A Constituent Institute of CHARUSAT)

CHARUSAT Campus - Changa, Off Nadiad - Petlad Highway, Gujarat - 388 421. INDIA. Ph. # +91-2697 - 265011, 265021 E-mail : principal.cspit@charusat.ac.in

Date: 29/12/2018

Dear Ms. Neha H. Chauhan

Hearty Congratulations to you for receiving NPTEL-Top Mentor Performance Award for Certificate Course "Design of Reinforced Concrete Structures" in July-August 2018 from NPTEL.

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







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Date: 29/12/2017

Dear Ms. Megha J. Desai

Hearty Congratulations to you for **Recognition of role as mentor for the NPTEL online Certification Course "Principles of Construction management"** in June – December 2017 by **NPTEL**.

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.

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CSPIT

With regards





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CHARUSAT Campus - Changa, Off Nadiad - Petlad Highway, Gujarat - 388 421. INDIA. Ph. # +91-2697 - 265011, 265021 E-mail : principal.cspit@charusat.ac.in

Date: 01/01/2018

Dear Mr. Nirpex Patel

Hearty Congratulations to you for **Recognition of role as mentor for the NPTEL online Certification Course "Design of Steel Structures"** in July – December 2017 by **NPTEL**.

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







(A Constituent Institute of CHARUSAT)

CHARUSAT Campus - Changa, Off Nadiad - Petlad Highway, Gujarat - 388 421. INDIA. Ph. # +91-2697 - 265011, 265021 E-mail : principal.cspit@charusat.ac.in

Date: 02/01/2018

Dear Mr. Jaydeep Desai

Hearty Congratulations to you for **Recognition of role as mentor for the NPTEL online Certification Course " Project Planning and Control"** in July – December 2017 by **NPTEL**.

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.

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With regards

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



CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY



Formed under Gujarat State Act No. : 8 of 2009 Accredited Grade A by NAAC

Date: 31/12/2017

Dea<mark>r Mr. Mehul P. Katakiya</mark>

Hearty Congratulations to you for **Recognition of role as Top Performing Mentor for the NPTEL online Certification Course "Geotechnical Engineering Laboratory"** in July – December 2017 by **NPTEL**.

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



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 SANSKRUTI VRIJLAL PATEL, ATUL MANUBHAI PATEL to appreciate of their research work published under the title "An Empirical Study Of Applying Artificial Neural Network For Classification Of Dermatology Disease".

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

Date: 24th February, 2018



Faculty Computer Science and Application, Charotar University of Science and Technology.



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



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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: 24th February, 2018



Faculty Computer Science and Application, Charotar University of Science and Technology.







Letter of Appreciation

This letter is awarded to HETALBEN PUNJABHAI PATEL, DHARMENDRA

TRIKAMLAL PATED to appriciate of their research work published under the title

"Crop Prediction Framework Using Rough Set Theory".

We hope that you will continue similar research work in future. We wish you best

of luck for the future.

Date: 24th February, 2018



Faculty of Computer Science and Applications, Charotar University of Science and Technology.







Letter of Appreciation

This letter is awarded to HETALBEN PUNJABHAI PATEL, DHARMENDRA

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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: 24th February, 2018



Faculty of Computer Science and Applications, Charotar University of Science and Technology.

Faculty of Medical Sciences









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MANIKAKA TOPAWALA INSTITUTE OF NURSING NUN

A Constituent of

CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY



Accredited Grade "A" by KCG, Education Department, Govt. of Gujarat Accredited Grade "A" by NAAC, Govt. of India

9th Annual Day Celebration - 16th March, 2018

CERTIFICATE OF APPRECIATION

Mr. Deepak K.

awarded for being Elected as Gujarat State Co-ordinator

by

Indian Society of Psychiatric Nurses (ISPN).

Dr. Anil Sharma Principal

Aegis : Shri Charotar Moti Sattavis Patidar Kelavani Mandal



9th Annual Day Celebration - 16th March, 2018

CERTIFICATE OF APPRECIATION

Ms. Anjali Tiwari

awarded for Publishing highest Research Paper in academic Year 2017-18

Dr. Anil Sharma Principal

Aegis : Shri Charotar Moti Sattavis Patidar Kelavani Mandal

Announcement in the Newsletter / website

2017-18

Faculty of Pharmacy

Divva

અમદાવાદ • ગુરુવાર, 8 ફેબ્રુઆરી, 2018

ચારૂસેટ યુનિ.ના પ્રોફેસરને શ્રાષ્ઠ PHD એવોર્ડ એનાચત ડો. નિરજ વ્યાસ. આણંદ આસિસ્ટન્ટ પ્રોફેસર, રમણભાઈ પટેલ કોલેજ ઓફ ફાર્મસી,



ચારસેટને ગુજરાત એકડેમી સાયન્સ ફાર્માસટિકલ દ્વારા સાયન્સિસ કેટેગરીમાં 2017 માટે શ્રેષ્ઠ પીએચડી

वर्ष થિસિસનો એવોર્ડ એનાયત થયો હતો. તેમણે 'આયુર્વેદિક ઔષધિયઓની પુરુષ વ્યંધત્વ પર અસરો' પર પીએચડીની થિસિસ લખી તા.20 જાન્યુઆરી 2018ના રોજ નિષ્ણાંતોની સામે આપ્યુ હતું. જેના આધારે તેમને એવોર્ડ આપવામાં આવ્યો હતો.

Sandesh 08/02/2018

ચારુસેટના ફેકલ્ટીને એવોર્ડ એનાચત



વલ્લભવિદ્યાનગર : ૨મણભાઇ પટેલ કોલેજ ઓફ ફાર્મસી ચારૂસેના આસિ. પ્રોફેસર ડૉ. નિરજ વ્યાસને ગુજરાત સાયન્સ એકેડેમી દ્વારા ફાર્માસ્યુટીકલ સાયન્સિસ કેટેગરીમાં વર્ષ ૨૦૧૭ માટે શ્રેષ્ઠ પીએચડી થિસીસનો એવોર્ડ એનાયત થયો. તેઓએ ડૉ.

મનન રાવલ, એસો.પો. ફાર્મસી કોલેજના માર્ગદર્શન હેઠળ આયુર્વેદિક ઓષધિઓની પુરૂષ વંધ્યત્વ ૫ અસરો વિષય પર પી.એચ.ડી.ની થિસીસ લખી હતી. તેમણે ગુજરાત સાયન્સ એકેડેમીમાં પીએચડીનુિ પ્રેઝન્ટેશન આપતા તેઓને એવોર્ડ એનાયત કરવામા આવ્યો છે. તેઓએ ગુજરાત સાયન્સ કોંગ્રેસ ભાવનગરમાં પણ પોતાના રિસર્ચ પર પ્રેઝન્ટેશન આપતા તેઓને સુવર્ણચંદ્રક અને સર્ટિફિકેટ એનાયત થયા હતા.

News Coverage of Dr. Niraj Vyas for Receiving Best PhD Thesis Award-2017

07/02/2018



આણંદ, તા. ૬ ડૉ. નિરજ વ્યાસ, આસીસ્ટન્ટ પ્રોફેસર, રમણભાઇ પટેલ કોલેજ ઓફ ફાર્મસી, ચારૂસેટને ગુજરાત સાયન્સ એકેડેમી દ્વારા ફાર્માસ્યટિકલ સાયન્સિસ કેટેગરીમાં વર્ષ ૨૦૧૭ માટે શ્રેષ્ઠ પીએચડી થિસિસનો એવોર્ડ એનાયત હતો. ત્યારબાદ તેમણે ગુજરાત થયો. તેમણે ડૉ. મનન રાવલ, એસોસિએટ પ્રોફેસર, રમણભાઇ પટેલ કોલેજ ઓફ ફાર્મસીના માર્ગદર્શન હેઠળ આયુર્વેદિક ઔષધિઓની પુરૂષ

વ્યંઘત્વ પર અસરો વિષય પર પીએચડીની થિસિસ લખી હતી.

तेमणे गुજरात सायन्स એકેડેમીમાં પોતાની પીએચડીનું પ્રેઝન્ટેશન વિષય નિષ્ણાતોની સામે આપ્યું હતું જેના આધરે તેમને એવોર્ડ આપવામાં આવ્યો સાયન્સ કોંગ્રેસ, ભાવનગર ખાતે પોતાના રિસર્ચ વિષય પર પ્રેઝન્ટેશન પણ આપ્યું હતું જ્યાં તેમને ગોલ્ડ મેડલ અને સર્ટિફિકેટ એનાયત થયા હતા.

Sardar Gurjari 07/02/2018

ચારુસેટના ફેકલ્ટીને શ્રેષ્ઠ પી.એચ.ડી. થિસિસ-૨૦૧૭ માટે એવોર્ડ એનાચત

डो. निरू व्यास, आसिस्टन्ट प्रोझेसर, રમણભાઇ પટેલ કોલેજ ઓફ ફાર્મસી. ચારુસેટને ગુજરાત સાચન્સ એકેડમી દ્વારા ફાર્માસૂટિકલ સાચન્સિસ કેટેગરીમાં વર્ષ ૨૦૧૭ માટે શ્રેષ્ઠ પી.એચ.ડી. થિસિસનો એવોર્ડ એनायत थयो हतो. तेमણे डो. मनन रावल (એસોસિએટ પ્રોફેસર, રમણભાઈ પટેલ કોલેજ ઓફ ફાર્મસી)ના માર્ગદર્શન હેઠળ આચુર્વેદિક ઔષધિઓની પુરુષ વ્યંધત્વ પર અસરો વિષય ਪਦ ਪੀ.એચ.ડી.ની થિસિસ લખી હતી. તેમણે ગુજરાત સાચન્સ એકેડમીમાં પોતાની પી.એચ.ડી.નું પ્રેઝેન્ટેશન વિષય નિષ્ણાંતોની सामे आण्युं हतुं. जेना आधारे तेमने એવોર્ડ આપવામાં આવ્યો હતો. ત્યારબાદ તેમણે ગુજરાત સાચન્સ કોંગ્રેસ, ભાવનગર ખાતે તા. ૪ અને ૫ ફેબ્રુ. ૨૦૧૮ના રોજ પોતાના રિસર્ચ વિષય



News Coverage of Dr. Niraj Vyas for Receiving Best PhD Thesis Award-2017

English Translation

Newspaper: Divya Bhaskar Ahmedabad

.

Thursday, 8th February, 2018

PROFESSOR OF CHARUSAT UNIVERSITY AWARDED THE BEST PhD AWARD

Dr. Niraj Vyas, Assistant Professor, Raman Bhai Patel College of Pharmacy, Charusat was awarded the Best PhD thesis for the year 2017 in the Pharmaceutical Sciences category by the Gujarat Academy of Sciences. He wrote his PhD thesis on 'Effects of Ayurvedic Medicines on Male Infertility' and submitted it to experts on 20 January 2018. On the basis of which he was given this award.



REGISTRAR CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY CHARUSAT CAMPUS, CHANGA

In a first, 'desi Viagra' chemicals identified

Compounds Can Improve Male Fertility, Libido

Prashant.Rupera Ptimesgroup.com

Anand: growing in abundance Gujarat could open venues for developing : Viagra. e first time, Gujarat

or the first time, cugarat-in the first time, cugarat-is in plants named vard-(argyreia speciosa) and ro (hygrophila spinosa) hhelp increaselibido, tre-ectile dysfunctions, en-sperm counts and im-

ens of these plants growing the riverbanks and water for years. Dr Niraj Vyas, an assis or at the Ramanbhai ollege of Pharmacy at arotar University of and Technology USAT), has identified

ing male fe medicinal plants ion in 'Vajikarana branch of Ayurveals with sexual dys-

-"There are at least 60 medi-cinal plants listed in Vajikara-na chikitsa that deal with the management of defective se-men, spermatogenesis along with sexual potencification,"



The two medicinal plants - find a mention in 'Vajik deals with sexual dysfund

said Vyas, who carried out his PhD research work on 'Effects of some Ayurvedic Medicinal Piants on Male Infertility' un-der guidance of Dr Manan Ra-val associate professor.

ent for the chemicals d red. The pre-clinical re carried out on rats hav Both 'vardharo' or 'samud-ra sokh' in Sanskrit and 'ekha-ro' or 'Kokilakasha' have a pro-ven positive effect on male in-fertility. However, there was no chers will shortly apply for hu

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trials ► Continued on P 6

ed out on rats has ssful while the

d class. "The pre-clinical realed that sperm ats increased while tal activity also in aid Vyas, who recen-red best PhD thesis hearmaceutical scie

Discovery to open possibilities of new drug formulations ▶ Confi

taining compound which are tained from higher plants layman's terms higher plants those which have separate re stems and leaves)," Dr Manan R

. This is the first report of this s cific compound that has been e ad from the plants and found p



Niraj Vyas, who carri al, who g

so, this compound will serve as stan-dard to evaluate quality of plant raw material which is important in inter-national market, "he said. The research also got awarded with a gold medal and a certificate of recognition at the 32nd Gujarat Sci-ence Congress that was held in first week of February at Bhavmagar. While 'vardharo' is a climber, 'ek-haro' is a spinous plant – both com-monly found in the wild on riverside across the length and breadth of In-dia. Infact, tribals widely use stems or leaves of these two plants for treating fever as well.

News Coverage of Dr. Manan Raval and Dr. Niraj Vyas for Their Research Work