



Website: www.charusat.ac.in/RPCP email: rpcpgen@charusat.ac.in

# RAMANBHAI PATEL COLLEGE OF PHARMACY

**VISION** 

To Become a Premier Pharma Institute by Creating World Class Pharmacists and Researchers



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To Strive for the Excellence in Pharmaceutical Sciences through Quality Education and Research

MISSION

We Believe Knowledge is the Elixir of Life.



FOR ADMISSIONS CONTACT

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**B.** Pharm

M. Pharm

Ph. D. Program

#### RPCP & CHARUSAT AT GLANCE

- Charotar University of Science and Technology (CHARUSAT) is established under Gujarat State Private University Act, 2009.
- RPCP is established in 2004 as a constituent institute of CHARUSAT to promote excellence in Pharmacy Education & patronized by Mr. Pankaj Patel, CMD of Pharma giant Zydus Cadila.
- M.Pharm. Programs at RPCP are executed under the auspices of T.P. Patel Centre for PG studies in Pharmacy.
- The Institute is located in eco-friendly Wi-Fi University campus.

#### BEST PRACTICES AT RPCP

- · Student centric policies.
- Conduction of expert sessions from industry and academia
- · Industrial visits for students
- Availability of rich learning resources (eresources and physical with ambient environment)
- · Excellent contacts with Pharma Industries
- Structured counselling system
- A dedicated, efficient and full-fledged Career Development and Placement Cell





#### **INSTITUTE HIGHLIGHTS**

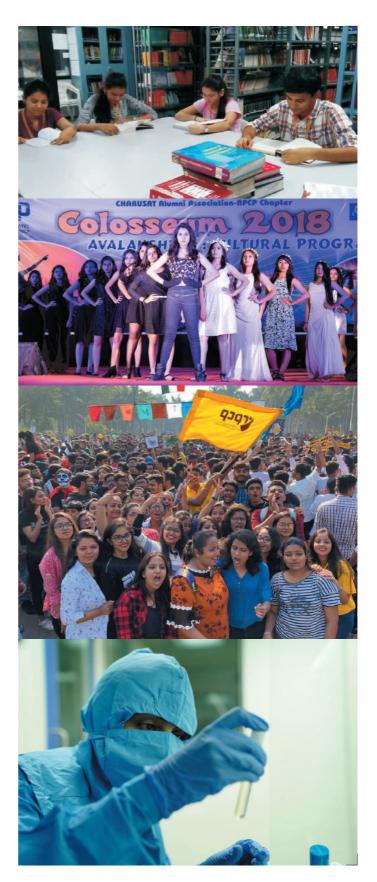
- AICTE PG scholarship for GPAT qualified students
- · Contigency grant for PG research projects
- CHARUSAT scholarship to motivate and promote research
- American Association of Pharmaceutical Scientists Student Chapter
- Summer fellowship Program for B. Pharm students
- Support to students for participation in co-curricular & extra curricular activities
- Organization of AVALANCHE The Techfest
- · Strong Alumni Network
- Excellent Placement Support through Strong Industrial Network

#### FACULTY AT RPCP

- Ph.D. qualified/Ph.D. pursuing faculties: 100%
- Faculties handled external funded projects worth Rs. 80 lakhs.
- Patent filed: 06 and Patent Granted: 02
- Research Thrust Areas : Cancer, Metabolic Disorders & CNS Disorders
- Faculty members of institute are encouraged to attend scientific gatherings as well as technical seminars to enhance their knowledge

#### INFRASTRUCTURE

- Well-equipped laboratories and dedicated PG research laboratories.
- Aseptic and Cell Culture Laboratory for practical training of students.
- Sophisticated instruments with dedicated CFR 21 part 11 complied software.
- · Well maintained Animal house for in-vivo.
- Licensed software Turnitin®, Whitesmoke®, Design Expert®, Endnote®



## Instrument Testing Facilities at RPCP

#### **Tablet Punching Machine**



Make: Karnavati Model: Minipress 2 DL

#### **Dissolution Apparatus**



Make:ELECTROLAB Model: TDT-08L

#### **Extruder & Spheronizer**



Make:SunsaiPharma Model:SSSE-20 (Extruder) & SSPH-75 (Spheronizer)

#### High speed Homogenizer



Make:MICCRA Model:D-8 Si

#### **Rapid Mixture Granulator**



Make : Sujal Enterprise Model: Lab Model 02 Liter RMG

#### Fluidized Bed Dryer



Make:RetschGmbh Model:TG 200

#### **Spray Dryer**



Make:LABULTIMA Model:LU-332

#### **Ultra Probe Sonicator**



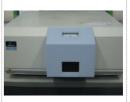
Model:Vibracell VCX-500

#### Lyophilizer



Make-Virtis Model:Virtis Advantage EL

#### Spectrofluorimeter



Make: Perkin Elmer Model: LS 55

#### **High Performance Liquid Chromatography [HPLC] System**



Make: Waters Model: Alliance e2695

#### **UV Visible Spectrophotometer**



Make: Shimadzu Corporation (Japan) Model : UV-1800



Model: HPTLC solutions Software: WinCATS

#### Optical Microscope with **Image Analysis Software**



Make: Carl Zeiss Micro Imaging GmbH, Germany Model: Upright Microscope Axio Lab.A1 with attachments for Bright field and Dark field applications Attached Camera : AxioCamERc 5s (5.0 Megapixels)

#### **BIOPAC Data acquisition System**



Hardware: BSLBSC-W, MP36 Data Acquisition System (Four Channel Unit) withLab Pro Software

#### Noninvasive blood pressure recording system (NIBP) (\$ 7442)



NIBP200A: Small Animal Tail NonInvasive BP Amplifier ELSTM2: Animal Stimulator Needle Electrode EL452: Needle Electrode Unipolar

#### Flash chromatographic system



Make: Biotage Model: Isolera one

#### Program at RPCP (Approved by AICTE and PCI)

#### **B. Pharm Program**

#### M. Pharm Program

- · Pharmaceutical Technology
- · Regulatory Affairs
- · Pharmaceutical Quality Assurance
- Pharmacology
- · Pharmacy Practice

Ph. D. Program

#### TEACHING AND LEARNING AT RPCP

- Syllabi developed in consultation with industry personnel and experts in the field.
- Continuous evaluation system
- ICT enabled classrooms
- A blend of conventional and modern ICT enabled teaching techniques
- Learning methods Classroom teaching, case studies, presentation, counselling, expert session, seminars, group discussion, project work etc.
- Institute also focuses on development of entrepreneurship abilities in students and support start-ups

#### OPPORTUNITIES AT RPCP

- Online certificate programs for B.Pharm students in thrust areas
- Support for competitive examination
- Conduction of workshops and Hands-on training for sophisticated instruments.
- · Mentoring for scientific write up
- Patent and IPR support through CHARUSAT IP Cell





Aegis: Shri Charotar Moti Sattavis Patidar Kelavani Mandal President: Shri Surendra M. Patel • Secretary: Dr. M. C. Patel

Formed under Gujarat State Act. No.8 of 2009, Government of Gujarat Degrees Approved by Section 22 Of UGC Act 1956 CHARUSAT is a member of ACU, UK and AIU, New Delhi.

#### High Moral Values of

### Honesty, Integrity & Transparency

#### @ CHARUSAT

- ▶ 125 Acres of Lush Green Campus
- ▶ 24 hours 1150 MBPS Internet Facility and Wi-Fi- Free
- ► State of the Art IT Technology Cloud Ready Environment
- ► Distinguished Qualified Faculty
- ► Hi-tech Teaching and Research Labs accessible 24-hours
- ► Intensive Industrial Exposure through Projects and Industrial Training
- ► Clinical Exposure at CHARUSAT Hospital
- Exclusive Fitness Centre, Gymnasium, Indoor and Outdoor Sports Facilities
- ► Mentor-Mentee and Student Well-ness Program
- In-campus Girls Hostel
- ► Transportation Facilities Available
- ► Air- Conditioner Classroom with Rich Learning Resources

I am happy to know that CHARUSAT has a goal set for mission of social upliftment with components of knowledge acquisition and imparting education.

Dr. APJ Abdul Kalam
Former President of India
Architect of Missile Programme
of india





Dr. R A Mashelkar Padma Vibhushan National Research Professor; National Chemical Laboratory

2<sup>nd</sup> Convocation February 16, 2013 I was proud to see that CHARUSAT has the dream of becoming world class in education and research. This dream can be converted into reality, if we match this 'great ambition' with 'stimulating ambience'. I have no doubt that this dream will become a reality.



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