



37 Years of Excellence in  
Pharmaceutical Education & Research

# COLLEGE OF PHARMACEUTICAL SCIENCES

A unit of Ganjam & Phulbani Chemists & Druggists Association (Regd.)  
Berhampur, Mohuda, Odisha

## For Admission Contact :



### B. PHARM

# 86585 93018, 88953 12379, 95566 96704, 98615 39416



### M. PHARM

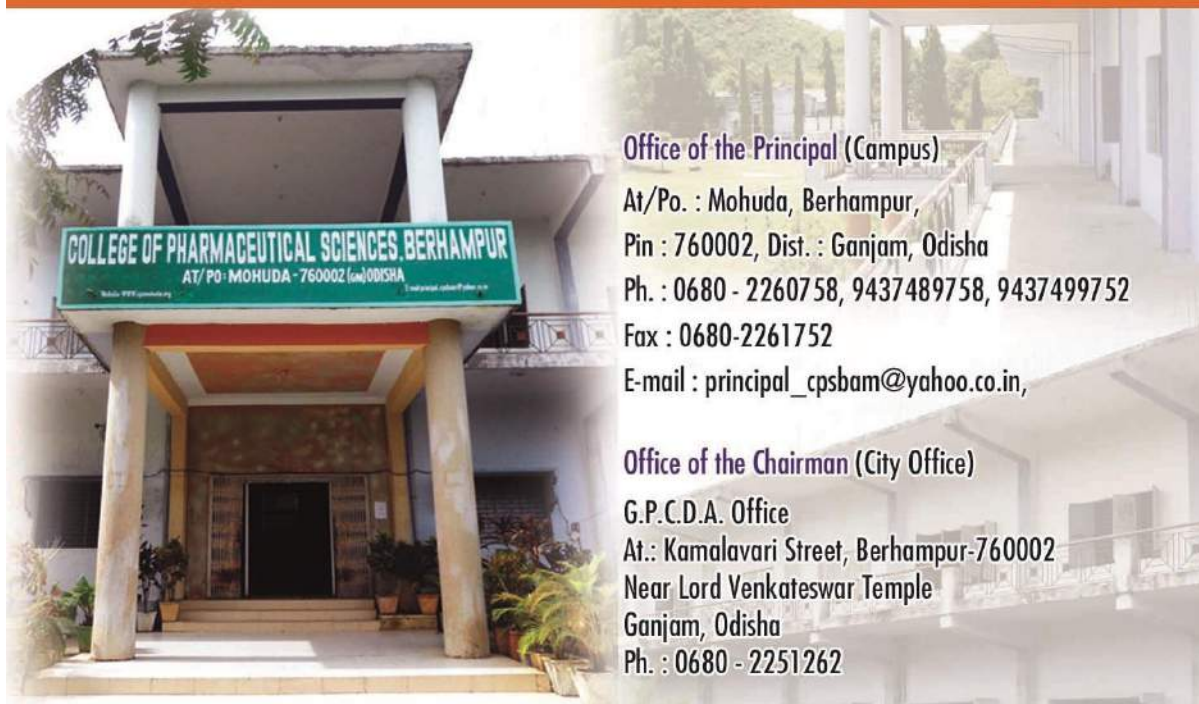
# 78947 12913, 94398 68992, 98610 84994

### Approved by :

- ☞ All India Council for Technical Education (AICTE), New Delhi.
- ☞ University Grant Commission (UGC), New Delhi. (Lifetime Approval)
- ☞ Pharmacy Council of India (PCI), New Delhi.
- ☞ CPC SEA (Animal Ethical Committee), New Delhi.

### Affiliated to :

- ☞ Biju Pattnaik University of Technology (BPUT)
- ☞ Berhampur University (BU)



### Office of the Principal (Campus)

At/Po. : Mohuda, Berhampur,  
Pin : 760002, Dist. : Ganjam, Odisha  
Ph. : 0680 - 2260758, 9437489758, 9437499752  
Fax : 0680-2261752  
E-mail : principal\_cpsbam@yahoo.co.in,

### Office of the Chairman (City Office)

G.P.C.D.A. Office  
At.: Kamalavari Street, Berhampur-760002  
Near Lord Venkateswar Temple  
Ganjam, Odisha  
Ph. : 0680 - 2251262

Website : [www.cpsmohuda.org](http://www.cpsmohuda.org).

[www.facebook.com/collegeofpharmaceuticalsciencesberhampurodisha](https://www.facebook.com/collegeofpharmaceuticalsciencesberhampurodisha)





Prof.(Dr.) SUBRATA SEN  
Principal

Experience : 17 years.

Patents : 02

Research Publications : 20

Research Area : Medicinal Chemistry & Molecular Biology

Other Incumbency : Founder Scientist & Head of "A.P.C. Ray Memorial Cancer Chemotherapeutic Research Unit"

### Principal's Message

The College of Pharmaceutical Sciences, Mohuda, Berhampur, Odisha, is a Heritage College being the 1st Pharmacy College in East India aiming to generate technical manpower and render best possible research in the realm of pharmacy. The college is sprawled over 23 acres land in the pristine ambience of Mohuda is constantly striving to become a centre of excellence where everyone is committed to render the best possible quality available in the country. Being the oldest Pharmacy College in East India, its Alumni are ensconced all over the world at the helm of affair of different Pharmaceutical Industries, and Institutions. The college is equipped with exclusive research centres like "A.P.C. Ray Memorial Cancer Chemotherapeutic Research Unit" which was inaugurated by the then President of India Dr. A.P.J. Abdul Kalam. The credential achieved by the Cancer Research Unit is an unprecedented event in India. I do believe that this college will cater to the growing needs of technical manpower for the pharmaceutical research, industries, institutions and drug control administration of the country.

RAGGING is a criminal offence as per Hon'ble Supreme Court of India and Odisha Educational act. CPS ensures strict compliance on the prevention of ragging. College authority has framed anti-ragging squad to thwart ragging. squad to thwart ragging by any means. CPS ensures parents and students a ragging free environment.

### COURSES OFFERED :

Sl. No.	Course	No. of Seats	Duration	Eligibility
1	B. Pharm	100	4 Yrs	Valid OJEE / AIPMT / JEE MAIN score with minimum 45% (40% for SC/ST) aggregate marks in +2 Science Exam.
2	M. Pharm (Pharmaceutical Chemistry)	10	2 Yrs	B. Pharm with 50% Marks.
3	M. Pharm (Pharmaceutics)	18	2 Yrs	
4	M. Pharm (Pharm. Analysis & Quality Assurance)	18	2 Yrs	

Reservation of Seats & Scholarship for SC/ST/PC/TFW etc. are as per AICTE/Govt. of Odisha Norms.

### BRIEF HISTORY :

COLLEGE OF PHARMACEUTICAL SCIENCES (CPS), BERHAMPUR is a premier Self Financing Pharmacy institution in the state of Odisha founded in the Year 1979 under the auspice of Ganjam & Phulbani Chemists & Druggists Association (Regd.) with an aim to produce adroit man power in the field of Pharmacy to meet the growing need of health care profession and allied sectors.

C.P.S has the rare distinction of being the first self financing pharmacy college in east India. The college has successfully produced

- 13 batches of Pharmacy Post Graduates (M. Pharm)
- 32 batches of Pharmacy Graduates (B. Pharm)
- 30 batches of Diploma in Pharmacy (D. Pharm)

The college celebrated its silver jubilee ceremony, which was inaugurated by his Excellency, The Then President of India, Dr. A.P.J Abdul Kalam on 4th July 2006.





## LOCATION :

The college is situated at the foothills of Mohuda in a most academic friendly environment at around 10 Kms away from Berhampur Railway Station/ Bus Stand & is well connected by Road. The college Provides transport facility to students and staff from Berhampur to Mohuda.



## PRESENT STATUS :

- \* For the last **37 years** proper grooming of students with modern techniques and state-of-the-art facilities has made it a **Centre of Excellence**.
- \* **CPS** has produced many scientists in these 37 years, working in various research programs in India & abroad.
- \* The alumni of **CPS** are in leading positions at various Pharmaceutical industries across the world, Research Organisations & in Approving bodies like **AICTE, PCI, SPC** etc.
- \* **CPS** has a rare distinction among the Private Pharmacy Institutions of India, having a "**CANCER CHEMOTHERAPEUTIC RESEARCH UNIT**" designed to develop new anticancer drug molecules.
- \* **CPS** is the first & only Pharmacy College in the state of **ODISHA** to have **lifetime approval** of **UGC**.
- \* **CPS** has been recognized as a **nodal research centre** for the **Ph. D** programmes by different universities.
- \* **CPS** Produces **University Toppers** almost every year both in **B. Pharm & M. Pharm**.
- \* **CPS** is the pioneer in rendering coaching for **GATE (GPAT)** and **NIPER** Entrance.
- \* **CPS** exclusively trains students to qualify in **GRE, TOEFL, G-MAT, CAT, MAT, XAT** etc.

## COLLEGE INFRASTRUCTURE :

The college is well equipped with excellent infrastructure of permanent building with State - of - Art facilities (laboratories, Lecture Halls, Seminar Halls, Central Instrument Room, Computer & Internet Room etc.) with all required amenities as per the **AICTE, PCI** norms. It is Paramount to include a world class **FTIR** spectroscope, **HPLC**, Hydrogenation apparatus & work station with discovery studio in the list of Instruments to promote candid research.

## Laboratories :

All the Laboratories are equipped with sophisticated instruments.





## Computer Room & Library :



- ★ Internet Facility with Wi-Fi
- ★ More than 10000 Books
- ★ e- books, e-journals
- ★ 34 National & International Journals,
- ★ Language Laboratory.

## Auditorium & Lecture theaters :



## Central Instrument Room :



## Sports Facilities & College Canteen :



## Hostels :



Separate Hostels for Boys & Girls at different places in Berhampur City. College provides Transport facility for hostellers.

## Functions and Activities :

The college organizes cultural program, seminars, symposium, exhibition, debate, quiz competition, elocution on various occasions. Different social activities like Blood Donation Camp, Disease awareness program, Polio medication for children etc are organized by our enthusiastic students & Staff of N.S.S and rotract club of C.P.S.





## **A.P.C. RAY MEMORIAL CANCER CHEMOTHERAPEUTIC RESEARCH UNIT**

An exclusive Drug Discovery Laboratory which focuses on discovery of new anti cancer drugs, was set up in the year 2004 by Prof. (Dr.) Subrata Sen, as "CANCER CHEMOTHERAPEUTIC RESEARCH UNIT" under the mentorship of internationally acclaimed scientist Prof. (Dr.) A. U. De.

It was Dr. Sen's dream to dedicate this research unit in the name of the savant Acharya Prafulla Chandra Ray, a saint scientist & forerunner of modern Pharmaceutical Education in India which entailed its re-naming as "A. P. C. Ray Memorial Cancer Chemotherapeutic Research Unit". This research Unit was inaugurated pompously by The Then President of INDIA his Excellency, Dr. A. P. J. Abdul Kalam on 4th July 2006 on the occasion of Silver Jubilee Celebration of College.

### **Features of this research unit**



- \* Ligand Based and Structure based Drug design (involving 2D, 3D QSAR and Docking).

- \* Synthesis of custom drug candidates by diverse organic reaction processes like Catalytic Hydrogenation, Gas phase reaction, Cryo-reaction at  $-196^{\circ}$ , Microwave synthesis, Sonochemistry, Reactions involving most challenging chemicals like alkyl lithium, phosgene, sulphur dioxide etc with state-of-the-art operational and safety facilities.

- \* Structural elucidation of the synthesized compounds by MS, NMR, XRD, FTIR etc.

- \* In-vivo anticancer activity study on two cancer strains EAC & SARCOMA-180.

- \* Cytotoxicity study on HUVEC & VERO cell lines.

- \* Study of antitumor activity on RPMI-8226 (Human Multiple Myeloma) and A549 (Human Lung Cancer) cell lines.

- \* Study of apoptosis inducing activity on RPMI-8226 (Human Multiple Myeloma) cell line by FACS.

- \* In-vivo antiangiogenic activity and apoptosis enhancement study on RPMI-8226 (Human Multiple Myeloma) xenografted on nude mice by immunohistochemistry.

- \* Establishment of mechanism of action (transduction of receptor) through Western Blot.

- \* Pharmacokinetic study of the new chemical entities.

- \* More then 200 molecules have been patented from this research unit.

### **FORMULATION DEVELOPMENT RESEARCH UNIT :**

This unit is actively engaged in development of novel drug delivery systems including transdermal therapeutic systems, microencapsulation, nanotechnology products, muco-adhesive gastroretentive systems, solubilization of poorly active drugs.

This Unit is consistently publishing its research outcomes in various journals of International repute.



### **PHYTOCHEMICAL RESEARCH UNIT :**

Phytopharmaceuticals have always been important to be used as drugs. This unit is actively engaged in isolation, characterization and pharmacological evaluation of Phytochemicals of Therapeutic and Neutraceutical importance. Researchers of this unit are actively reporting there findings in international journals.



### **RESEARCH COLLABORATION :**

These research units are collaborated with :

National Cancer Institute, Maryland, Bethesda, USA.

Chittaranjan Cancer Resesarch Institute, Kolkata, India.

IOWA state University, USA.

Regional Research Laboratory (RRL), Jammu.

Central Drug Research Institute (CDRI), Lucknow.



## Transport Facility :



## Training & placement :

- ★ The training & placement cell run by our college has collaboration with various organizations & leading pharmaceutical companies.
- ★ For the final year students of B.Pharm, an industrial training of one month duration is arranged every year to get exposed to the Industrial environment and to gain ample practical knowledge.
- ★ Preplacement Training & Soft skill development programmes are held regularly.
- ★ Campus selection is conducted at regular intervals.
- ★ The alumni of this institution holding good positions in Pharmaceutical industries & Research Organisations lend their helping hands for placements of students.



**RANBAXY**  
LABORATORIES LIMITED

## Distinguished Alumni of CPS

**glenmark**

**JAGSONPAL**  
pharmaceuticals

Kishore Pathak, Factory Manager, Cipla-Ltd., Baddi.

Raghav Patro, Factory Manager, Cipla Ltd.

Rashmi Ranjan Patro, Vice President, Actavis.

Raj Kishore Padhy, HR Manager, Micro Labs.

Parag Das, General Manager, Torrent.

Ajit Satapathy, Factory Manager, Granules India.

Swayam Prakash Bahinipati, Factory Manager, Dubai.

Amit Kumar Hotta, Production Manager, Cipla Ltd., Mumbai.

Dinesh Sahu, Packaging head, Sandoz, Mumbai.

Suryakanta Panda, International Marketing, Ajanta Pharma.

Sanjay Mishra, Factory Manager, Cipla, Sikkim.

Biju Phillip, Factory Manager, Watson Pharma, Goa.

V. Venkat Research Scientist, USA.

M. Shrawan Research Assistant Professor, Canada.

Subodh Kumar Nayak, Deputy Drugs Controller, Odisha

Subhakanta Mohapatra, Registrar, State Pharmacy Council, Odisha.

Raj Kishore Das, Principal Scientific Officer, Directorate of Drugs Control, Odisha

Basant Kumar Tosh, Ex Deputy Director, AICTE

Prabhat Kumar Sahu, Deputy Director, AICTE

Baincy Samantray, Central Drugs Inspector.

V. Chittaranjan Patro, Senior Scientific Officer, Directorate of Drugs Control, Odisha

Kishore Kumar Ratha, Senior Scientific Officer, Directorate of Drugs Control, Odisha

Dr. Susanti Kumar Sahu, HOD, School of Pharmacy, Utkal University.

Dr. S.C. Dindia, HOD, School of Pharmacy, Berhampur University.

Mr. Prafulla Kumar Mahapatra, HOD, Department of Pharmacy, SCB Medical College.



**ALKEM**

