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New Delhi
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(Formerly, W.B.U.T.),
Recognized by Govt. of
West Bengal



BCDA COLLEGE OF PHARMACY & TECHNOLOGY

78 JESSORE ROAD (S), HRIDAYPUR, BARASAT, KOLKATA-700127

COURSES OFFERED: B.PHARM AND M.PHARM (PHARMACEUTICS)

UPCOMING M.PHARM PROGRAMS:
PHARMACEUTICAL CHEMISTRY & PHARMACOLOGY

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Estd. 2006

For more details, visit our website:
www.bcdapt.com/hridaypur & www.bcdapt.com



WHY US ?

Best faculty

Smart class room
base teaching

Best academic
environment

Global Familiarity

Enrich library

Caring
management

Helpful office
staffs

Student friendly
campus

Well arranged
security measures



“RAGGING FREE INSTITUTE”: The college authority is very proud to declare that BCDA College of Pharmacy & Technology is a ragging free academic institution and committed to uphold this tradition at any cost.

“Ragging is an offence - Why risk your beautiful career”. Be sensitive & intellect; keep patience & confidence and stay protected from ragging; protect others too.



SAY **NO** TO
RAGGING

Eligibility Criteria of B.Pharm:

- Minimum qualification for admission to the course is (10+2) examinations conducted by the West Bengal Council of Higher Secondary Education / an equivalent examination of other approved board recognized by Central Government or Association of Indian University (A.I.U) with Physics, Chemistry, Mathematics (P.C.M) and or Biology (P.C.B / P.C.M.B) as optional subjects, with individual pass marks (in both theory and practical wherever applicable) in all the three subjects as stated above in regular class mode, and qualified WBJEEB / JEE (main), subject to online selection by the WBJEEB, Kolkata, West Bengal.
- Must have obtained at least 45% marks (40% in case of candidates belonging to reserved category e.g. SC, in the above three subjects taken together.
- Must have passed English in the '10+2' examination with at least 30% marks.



CO- CURRICULUM ACTIVITIES OF COLLEGE

COLLEGE ANNUAL
SPORTS

SARSWATI PUJA

CELEBRATION OF
AWARDS AND
RECOGNITION DAY

BLOOD DONATION
CAMP

SEMINAR &
CONFERENCE

COLLEGE PICNIC

HEALTH CHECK UP
CAMP

M.Pharm (Pharmaceutics)

Admission Process: M.Pharm admission is based on entrance exams like – GPAT & PGET

Eligibility Criteria: 55% in B.Pharm from PCI recognized college /university and 50 % for SC/ST



STUDENTS CARE FACILITIES:

Remedial & Counseling Classes

Online Fees Payment

Students' medical aid

Internet facilities

Well equipped Laboratories

Computer & Language Laboratory

Active Fire prevention system

CCTV surveillance

Canteen & reprographic Room

Automatic Sanitization Machine

Innovative practices as followed

Students credit card

Recreation Facilities

GPAT & PGET Counseling

Railway Concession Form

Assistance in Getting Education Loan



AWARDS... OUR ACHIEVEMENT:

We are proud of our genius & talent of the following MAKAUT Rank students:

Due to Covid-19 situation Session 2016-2020, 2017-2021, and 2018-2022, Data were not published by MAKAUT

Session	Name of the students	DGPA	Awarded Gold Medal	Awarded Silver Medal	Awarded Bronze Medal
2015-2019	Ms. Dixita Jain	9.42			3 rd in 2019
	Ms. Remya Rajeevan	9.49		2 nd in 2018	
2014-2018	Ms. Priya Prasad	9.42			3 rd in 2018
	Ms. Rachita Datta	9.42			3 rd in 2018
	Ms. Dipanjana Ash	9.7	1 st in 2017		
2013-2017	Ms. Sweta Kar	9.57		2 nd in 2017	
	Ms. Ajeya Samanta	9.54			3 rd in 2017
2012-2016	Mr Priyam Pandit	9.42	1 st in 2016		
2010-2014	Ms Itika Agarwal	9.56	1 st in 2014		
2009-2013	Ms Srijita Dutta	9.31		2 nd in 2013	
2007-2011	Ms Dalia Dutta	9.33	1 st in 2011		
	Ms. Trisha Ghosh	9.20			3 rd in 2011
2006-2010	Mr. Piyush Agarwal	9.42		2 nd in 2010	

Highest 'DGPA' (final year) of last three years.



DGPA: 9.43
Ms. Ankita Bhattacharya
Ses: 2016-20



DGPA: 9.68
Mr. Samrat Ghosh
Ses: 2017-21



DGPA: 9.75
Ms. Romita Dutta
Ses : 2018-22



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& www.bcdapt.com

Prospects after B.Pharm degree

The pharmaceutical technologists are the key personnel for Production, Quality control, Quality Assurance, Product Managements, Formulation Development and drug design in Pharmaceuticals etc., Job scope of B. Pharm / M. Pharm awardees are as below.

Industry	Regulatory Affairs	Clinical Pharmacy	Higher Studies	Academics	Others
<ul style="list-style-type: none"> Production & Marketing planning Formulation and production of dosages Quality Control Assurance, Product Management Validation of Pharmaceuticals 	<ul style="list-style-type: none"> Directorate of Drugs Control Drug Testing Laboratories Research Institute Like: CSIR, ICMR, etc, 	<ul style="list-style-type: none"> Hospital and Clinical Pharmacy Community Pharmacy Pharmacy practice 	<ul style="list-style-type: none"> Post Graduation - M.Pharm in different streams - M.Tech in Biotechnology bioinformatics - MBA - Law - Ph.D 	<ul style="list-style-type: none"> Teaching in College & Universities Research & Development 	<ul style="list-style-type: none"> Opportunities in Abroad Pharma Journalism Pharmaceutical Entrepreneurship Defense wings of Govt. of India

Status regarding Placement & Higher studies

The college authority is trying to assist 100% placement for the final year students and arranged required industrial training facilities as per the requirement of MAKAUT/PCI.

Maximum of our passed out students were successfully placed in different pharmaceutical houses for jobs, joined Indian Universities or / and abroad for higher studies. Few such recruiters are cited below:

Abbott CTS Wipro Data Core Emcee Martin & Harris Group Pharma Anakem	Cipla Intas Walter Bushnell Sanofi Aventis Alkem Wockhardt Martina Biogenics	Systopic Himalaya Sun Pharma Pfizer Inestor Biocon Unichem	Lupin Cadila Gluconate Health Win Medicare Vexta MSN Lab	Ranbaxy Verna Microlab FreseniusKabi La Chemico Bank Govt. Job
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and few more to name,

Note: If any student get any backlog in his / her four years academic periods or poor in English proficiency, and was irregular in additional English classes, will not be assisted in placement process.

Students opted for higher education in different universities in India and awarded scholarship in abroad are:

St. John's University, USA Tawain Medical University, BIT Mesra & Pilani M.A.K.A.U.T, Kolkata C.P. University, China	Korean University, Republic of Korea Hanseo University, South Korea Hong Kong Polytechnic University UIPS, Panjab University, Chandigarh IIT, BHU Baranasi	BPUT Odisha Jadavpur University, Kolkata NIPER Patna, Kolkata, Gauhati, Chandigarh Rajib Gandhi University of Health Sciences, Bangalore Dr. H.S. Gaur University, Sagar, MP
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and few more to name,

there is no report of his / her unemployment.

City/ Corporate Office:

BCDA MEMBERS' BENEVOLENT TRUST

Registered address: 10 & 12, Bonfield Lane (1st Floor), Kolkata-700001

Operational address: Intellect Icon, 232, C. R. Avenue, 2nd Floor, Opp. Girish Park, Kolkata- 700006

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DEPARTMENT OF PHARMACEUTICS MASTER OF PHARMACY

The post graduate program (M,Pharm) of Pharmaceutics focused on research and coursework related to the formulation, development and bio pharmaceutical characterization of drug products.

In our college the Department of Pharmaceutics has 12 faculty members (Principal himself, 01 more Professor, 2 Associate Professors (one of them has multifaceted industrial experiences), 8 Assistant Professors) with wide range of academic and research experiences.

In higher learning of pharmaceutics one has the scope of learning the Development and evaluation of -

- Multi-particulate Drug Delivery Systems
- Sustained Release Dosage Forms
- Immediate-release dosage forms
- Ocular Drug Delivery Systems
- Transdermal Drug Delivery Systems
- Implants
- Semisolid dosage forms
- Dental preparations
- Microspheres
- Nano-pharmaceuticals (nano-particles, liposomes, solid lipid nanoparticles, dendrimers, etc).



And thus, Pharmaceutics in M.Pharm is the

1. Most sought out specialization all over Pharmacy curriculum.
2. Core pharmacy subject, almost all other subjects are highly correlated with the other specializations of pharmaceutical sciences
3. Premier placement scenario in the pharmaceutical production house is for Pharmaceutics
4. M.Pharm, in Pharmaceutics get absorbed in industries
 - For the pilot plant studies
 - As pre-formulation pharmacist
 - In formulation and development
 - Regulatory Affairs
 - R & D (Formulation methodology)
 - Biopharmaceutical enhancement of the drug & formulation
 - IPQA (In Process Quality Assurance) - one of the best paid sectors in the pharmaceutical houses.
 - Production process of core pharmaceuticals including cosmetics
 - PMT (Product Management Team) a very lucrative sector in pharmaceutical houses



DEPARTMENT OF PHARMACOLOGY, MASTER OF PHARMACY

Pharmacology is a branch of biomedical sciences, plays a vital role in drug discovery and development in identifying lead molecules having therapeutic potential with minimal toxicity. The thrust areas of research dealt under the postgraduate course structure include screening of herbal or new chemical entities for from the view points of pharmacological as well as toxicological studies, along with core area of health sciences.

In our college the Department of Pharmacology has 08 faculty members (3 Associate Professors, 5 Assistant Professors) with wide range of academic and research experiences.

Subjects taught under M.Pharm in Pharmacology are:

- Modern Pharmaceutical Analytical Techniques
- Pharmacological & Toxicological Screening Methods
- Cellular & Molecular Pharmacology
- Principles of Drug Discovery
- Clinical Research & Pharmacovigilance
- Experimental Pharmacology
- Advanced Pharmacology



The students will prefer M.Pharm at our College because:

- Ø Highly qualified and experienced (with PhD) faculty members in Pharmacology department
- Ø One of the top priority courses in pharmacy is coming under the PCI & Ministry of Health & family Planning Govt. India or proving opportunity as a health care practitioner.
- Ø One can find employment with companies top ranking pharmaceutical houses like Novartis, Dr. Reddy's Laboratories Ltd., AstraZeneca, Syngene, Sun Pharmaceuticals, and Glenmark Pharma. Including pharmacologist, analytical chemist, biomedical scientist, clinical research associate, and healthcare scientist.
- Ø One can work in pharmaceutical market research companies, clinical trial or patent offices, pharmacy consulting, drug research, regulatory affairs, or pharmacovigilance.
- Ø One has good employment prospects in all pharmacology-related fields after earning an M. Pharmacy, from clinical hospitals to pharmaceutical firms.
- One can work as a health advisor, medical science liaison, pharmacovigilance, clinical research manager, etc.

Career scope:

Moving on to the career scope in India and abroad, as shared below:

Research and Development

Research is an integral part of every industry. However, when it comes to the discipline of pharmacy, research becomes even more important. The whole industry strives to conduct in-depth research and to come up with discoveries, innovations, and reports. Just to ensure that there are optimum solutions available to the most tethering problems.

So, under research and development, the candidates can take up the jobs of:

- Research Associate
- Project Manager (R&D)
- Pharmacologists
- * Research Scientist
- * Academic Researcher
- * Toxicologist

DEPARTMENT OF PHARMACEUTICAL CHEMISTRY MASTER OF PHARMACY

Pharmaceutical (medicinal) chemistry is concerned with the design (drug design) and synthesis of biologically active molecules. The aim is to gain new chemical molecules that could enable the discovery of new pharmaceuticals or optimize already-known drug structures, thereby expanding the portfolio of chemical drugs. Although organic chemistry plays a crucial role, only knowledgeable pharmaceutical chemists can work effectively in a highly interdisciplinary environment and interact with scientists in other disciplines, such as molecular biology, structural biology, pharmacology, physical chemistry, biochemistry, pharmacokinetics, pharmaceutical technology, toxicology or with experts from the field of translational medicine, etc.

In our college the Department of Pharmaceutical Chemistry has 08 faculty members (out of them, 1 Professor, 4 Associate Professors 3 Assistant Professors) with wide range of academic and research experiences.



The students will prefer Pharmaceutical Chemistry because: Skill Development in Pharmaceutical Chemistry Branch

- Synthetic organic chemistry skills
- Ability to purify drugs and intermediates
- Spectroscopic techniques
- Broad understanding of the biological roles of drugs
- Teamwork and interpersonal skills
- Good communication skills

Job Prospects in Pharmaceutical Chemistry

- Drug Discovery & Development (CADD)
- Organic & Medicinal Chemistry Division
- Pharmaceutical Manufacturing Division
- Pharmaceutical Bulk Drug Division
- Pharmaceutical Analytical R & D





BCDA COLLEGE OF PHARMACY & TECHNOLOGY

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Achievement - Our Pride

QUALIFIED GPAT FOR ACADEMIC YEAR: 2021-2022



Ms. Romita Dutta
AI Rank 13
Session: 2018-2022



Mr. Sourav Bera
AI Rank 27
Session: 2018-2022



Mr. Subham Rana
AI Rank 93
Session: 2018-2022



Mr. Ijaz Ahmed
AI Rank 497
Session: 2018-2022



Mr. Sandeep Jana
AI Rank 759
Session: 2018-2022



Mr. Tuhin Baran Samoi
AI Rank 1198
Session: 2018-2022



Ms. Nadira Parveen
AI Rank 1731
Session: 2018-2022



Ms. Payal Jana
AI Rank 3238
Session: 2018-2022



Ms. Chayanika Chatterjee
AI Rank 294
Session: 2017-2021



Ms. Aishee Basu
AI Rank 845
Session: 2017-2021

FOR MORE INFORMATION VISIT OUR WEBSITE: www.bcdapt.com/hridaypur