



**Girijananda Chowdhury Institute of Pharmaceutical
Science (Guwahati)**



**Bachelor of Pharmacy Programme
(B. Pharm, UG Level)**

**A PRESENTATION TO
NBA EXPERT TEAM**

By:

Programme Coordinator

WARM WELCOME
And
GREETINGS
To
The Chairman
&
Programme Evaluators,
Expert Team, National Board of Accreditation,
New Delhi, India

Content

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- **Program Vision, Mission & PEOs**
- **Program curriculum & Teaching-Learning processes**
- **Course outcome & Program outcomes**
- **Student's Performance and Support**
- **Faculty information & contributions**
- **Facilities & Infrastructure**
- **Governance, Institutional support & Financial resources**

Vision, Mission & PEOs

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- ✓ **Vision & Mission**
- ✓ **Dissemination Process Of Vision & Mission**
- ✓ **Programme Educational Objectives (PEOs) & Their Mapping With Mission Assessment**
- ✓ **Program outcomes (POs)**
- ✓ **SWOT analysis**

Vision & Mission

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Vision: To produce world class competent pharmacists who will be contributing to the local, national, and global economies.

Mission:

M1: To deliver **outcome-based pharmacy education** and training for graduate students and make them fully accomplished pharmacists.

M2: To develop our students as **quality contributors to the healthcare system** of our society and be able to provide need-based services to the local and global communities.

M3: To forge our students into caring professionals with high **ethical and moral values**.

Programme Educational Objectives (PEOs) & their Mapping with Mission

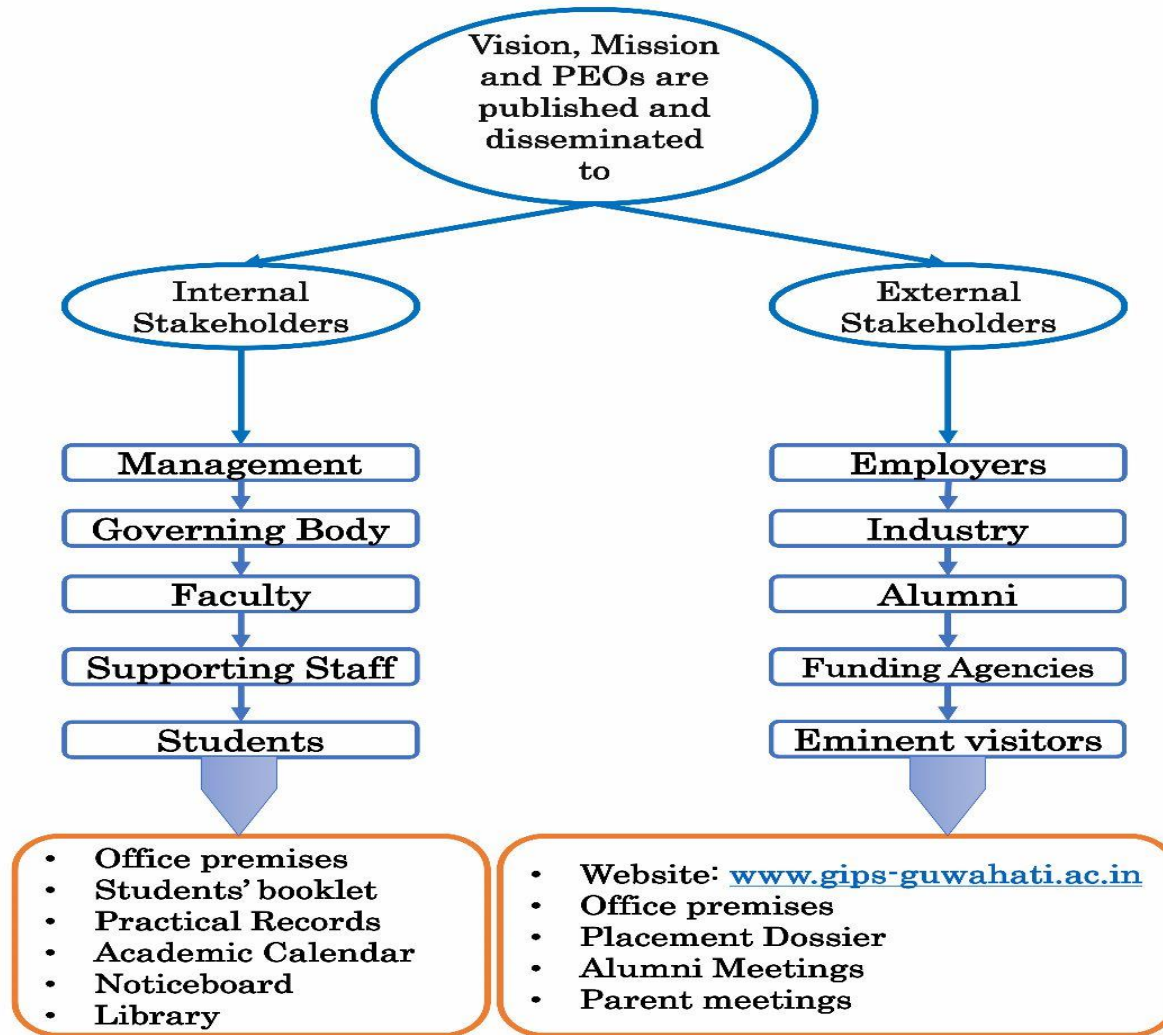
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PEO statement	M1	M2	M3
Knowledge: To possess the fundamental knowledge and technical competence to cater the healthcare needs of the society and articulate the expertise and apply it for contemporary problem solving in manufacturing, marketing and pharmaceutical care services.	3	3	3
Professionalism: To demonstrate professional and ethical attitude, effective communication skills, teamwork skills, multidisciplinary approach, and an ability to relate Pharmaceutical Sciences issues to broader social context.	3	3	3
Leadership: To participate as responsible and ethical leaders in fields of Pharmacy and in activities that support service and economic development of the society.	3	3	3
Career: To pursue advanced education, research and development, and other creative and innovative efforts in drug discovery, formulation and manufacturing and healthcare services as well as other professional careers.	3	3	2
Self Sustainability: To demonstrate sustained learning and adapting to rapid changes in the field of Pharmaceutical science through continuous education, professional development, and self study.	2	2	2

Programme Outcomes (POs)

PO	Statement to PO
PO-1 [Pharmacy knowledge]	Demonstrate the knowledge of pharmaceutical and basic sciences in manufacturing, marketing and healthcare services.
PO-2 [Planning abilities]	Plan, design, conduct experiments, analyze and interpret data.
PO-3 [Problem analysis]	Identify, analyze and resolve problems in professional activities within realistic constraints.
PO-4 [Modern Tool Usage]	Use current techniques, hands-on skills and modern tools to be productive resource for organization.
PO-5 [Leadership Skills]	Act efficiently as a leader or part of a team in multidisciplinary areas to accomplish tasks.
PO-6 [Professional identity]	Demonstrate the ability to plan and implement professional activities.
PO-7 [Pharmaceutical Ethics]	Practice ethically and create awareness in society about the effective and safe use of medicines.
PO-8 [Communication]	Communicate effectively for better coordination and performance in global scenario.
PO-9 [Pharmacists & Society]	Practice the role of a pharmacist in healthcare system for the greater benefit of the society.
PO-10 [Environment & sustainability]	Perform and sustain in different environments and culture.
PO-11 [Life-long learning]	Motivate, encourage to update skills and knowledge through lifelong learning.

Dissemination of Vision & Mission



SWOT

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STRENGTH

- Very good academic performance
- Very good admission
- Very good placement

WEAKNESS

- Poor R&D
- Poor in consultancy projects

OPPORTUNITIES

- Introducing new higher educational programmes with availability of new infrastructure

THREATS

- Competition from the upcoming pharmacy institutes.
- Imparting training to outgoing graduates as per the industry requirements

SWOT

Program curriculum & Teaching-Learning processes

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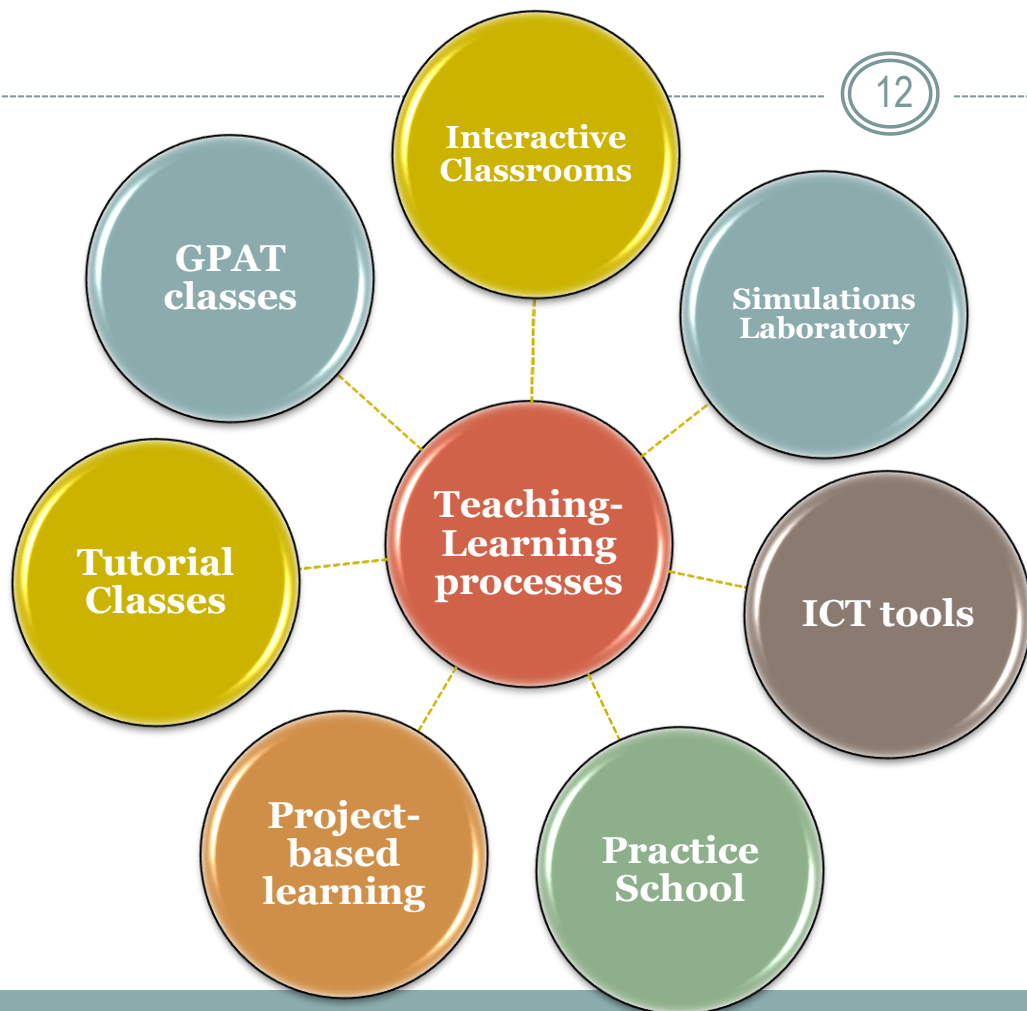
- ✓ **Teaching-Learning Processes & mode of delivery**
- ✓ **Quality of question paper, experiments & student's project**
- ✓ **Gap identification and its analysis process**
- ✓ **Mapping of CO to PO and analysis of GAP**
- ✓ **Initiatives related to industry, hospitals and skill development programs**

Programme Curriculum & Teaching-Learning Processes

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- B. Pharm curriculum as per PCI guidelines.
- Divided into 8 semesters comprising of odd semesters (I, III, V, VII) and even semesters (II, IV, VI, VIII).
- Lower semesters (I & II) were taught remedial biology & mathematics, communication skills and computer applications, and higher semesters (VII & VIII) were given practice schools and project dissertation as partial fulfillment for the degree in Pharmacy.
- The syllabus content is divided into 8 semesters with a total number of **70 course content** with a total credit of **209-212 hours**. Each study course is comprising of Course code, name of the course, no. of teaching hours, tutorial classes and credit points.

Teaching-Learning processes



Strategy developed for Slow learners

Continuous evaluation

Tutorial classes

Mentoring system

Strategy developed for Advanced learners

GPAT coaching class

MOOCS Course (including SWAYAM) as value additions

Mode of Delivery of Courses

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- Classroom teaching with normal white/green board.
- Lectures interspersed with discussion.
- Course handouts.
- Audio-visual presentation with LCD.
- Lectures from outside experts, visiting faculty.
- Laboratory experimentation.
- Laboratory demonstration.
- Laboratory manuals and journals.
- Tutorials.
- Students' presentation on given topics.

Quality of question papers, experiments & students project

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Quality of Questions paper/Assignments

Bloom's Taxonomy was followed to design the question paper to achieve cognitive, psychomotor & affective domains.

Quality of Experimentation

All experiments were conducted as per PCI syllabus with GLP.
Availability of modern facilities (SAIF Lab, Pilot Lab, Computer lab, DST-FIST lab, CADD lab) helps to execute experiments with good quality.

Quality of Student's Project

9 project elements from PCI syllabus were selected
STRATA Randomization system for guide allotment and strategic segregation of students.
Some of the project outcomes were published in reputed Journals

Quality of Teaching-Learning

Sample Course Syllabus & Mapping of CO to PO

Table-I: Course of study for semester I

Course code	Name of the course	No. of hours	Tutorial	Credit points
BP101T	Human Anatomy and Physiology I- Theory	3	1	4
BP102T	Pharmaceutical Analysis I – Theory	3	1	4
BP103T	Pharmaceutics I – Theory	3	1	4
BP104T	Pharmaceutical Inorganic Chemistry – Theory	3	1	4
BP105T	Communication skills – Theory *	2	-	2
BP106RBT BP106RMT	Remedial Biology/ Remedial Mathematics – Theory*	2	-	2
BP107P	Human Anatomy and Physiology – Practical	4	-	2
BP108P	Pharmaceutical Analysis I – Practical	4	-	2
BP109P	Pharmaceutics I – Practical	4	-	2
BP110P	Pharmaceutical Inorganic Chemistry – Practical	4	-	2
BP111P	Communication skills – Practical*	2	-	1
BP112RBP	Remedial Biology – Practical*	2	-	1
Total		32/34^b/36^c	4	27/29^b/30^c

Scoring criteria

3 : High

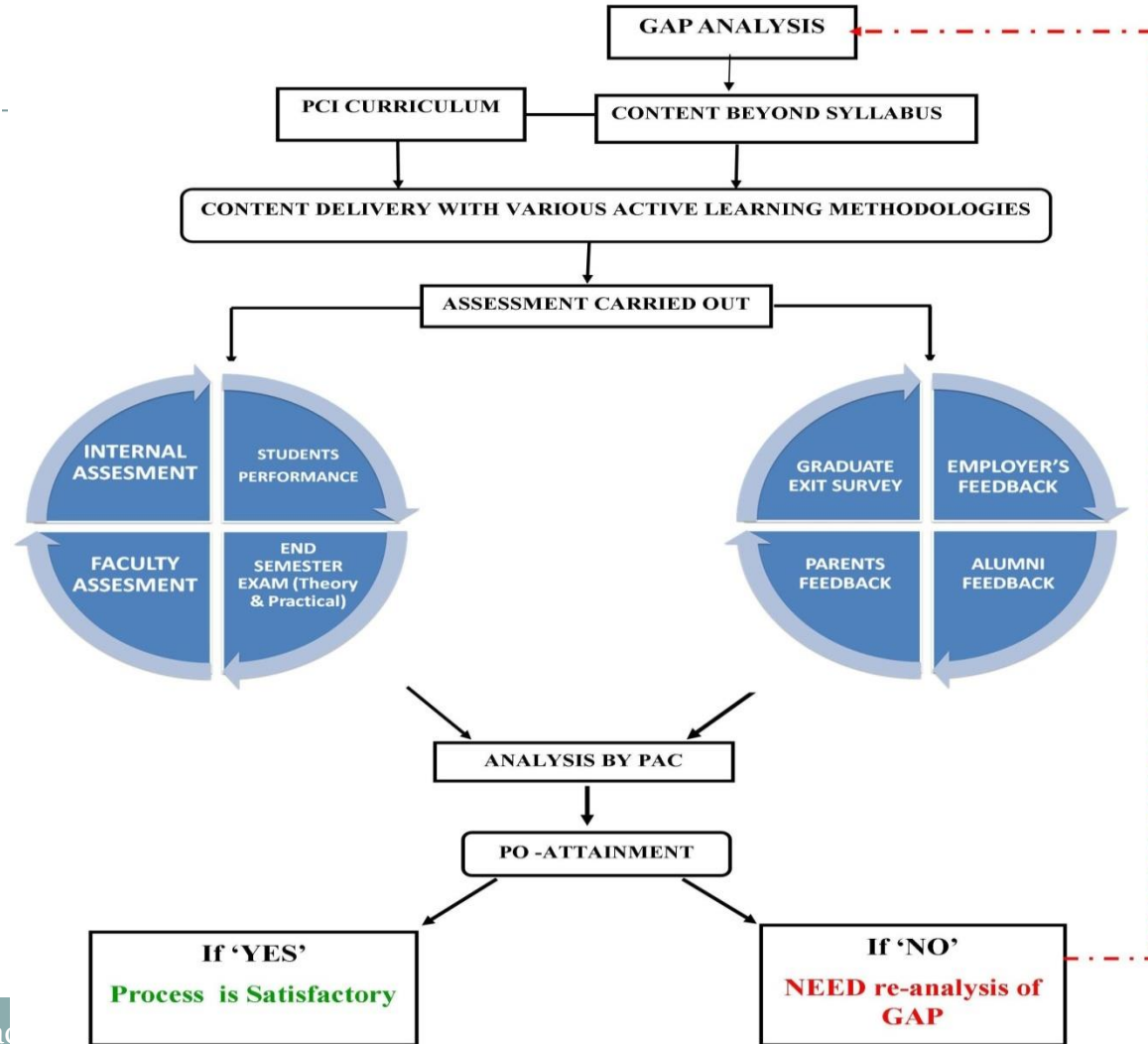
2 : Medium

1 : Low

Blank : Not mapped

C101	BP101T	Human Anatomy and Physiology - I	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
C101.1	CO 1	Understand the level of structural organization, basic life processes and common terminologies of human body.	3.00	1.00									
C101.2	CO 2	Define and explain the various concepts of cellular and tissue level of organization of human body	3.00	1.00								1.00	
C101.3	CO 3	Explain the gross morphology, structure and the functions of cardiovascular, Nervous, Skeletal and Integumentary Systems of human body.	3.00	1.00				1.00				1.00	
C101.4	CO 4	Understand the composition, functions, regulation and disorders of haemopoietic and lymphatic system.	3.00	1.00				1.00				1.00	
C101.5	CO 5	Study the structure, functions and disorders of special senses of human body	3.00	1.00				2.00				1.00	
Avg	C101		3.00	1.00				1.33				1.00	

Identifying PO Gap and its analysis process



Identifying PO Gap and its analysis process

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2020-21 (Sample analysis process of PO Gap)

S.No	Gap	Action Taken	Date-Month-Year	Resource Person with Designation	No of students Present	Relevance to POs
1	Lack of Professional	Webinar	29/08/2020	Dr Akan Das Post Doct	80	PO6
2	Leadership	Webinar	01/08/2021	Mrs. Mayurakhi Dutta, A	75	PO5
3	Communication	Webinar	01/10/2021	Mr.Kaushik Mukherjee,	80	PO8
4	Communication	Lecture	16/11/2021	Mr.Ranit Chowdhury,Tra	70	PO8
5	Leadership	Webinar	05/07/2021	Dr.Mukulesh Barua,Dire	100	PO5

Course outcome & Program outcomes & Attainment of PO

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- **Course Outcome & overall mapping of CO**
- **Assessment of CO and analysis process**
- **Attainment of PO (CAYm1, CAYm2, CAYm3)**

CO Assessment Report

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Name of the Course : Physical Pharmaceutics-I
Course Code : BP302T
Total no. of Students : 109
Session : August - December 2019
Name of the teacher(s) : Ms. Madhuchandra Lahan

Sample Course Outcome (CO)

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Course: Physical Pharmaceutics-I (Theory)

Course Code: BP302T

Course Outcomes:

- CO1:** Describe the properties of solution with different solubility expressions and determine the solubility of drugs.
- CO2:** Demonstrate firm foundations in the fundamentals and application of physico-chemical properties of drug molecules and other states of matter relevant to pharmaceutical dosage forms.
- CO3:** Explain the role of surfactant, interfacial phenomenon of solid-gas, solid-liquid & liquid-liquid interfaces and understand the idea of adsorption isotherms.
- CO4:** Explain methods of tonicity adjustment of biological fluid and suggest buffers for pharmaceutical use and describe detailed idea of complexation of drug action & drug protein binding.

Sample CO-PO Mapping

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Course: Physical Pharmaceutics-I (Theory)

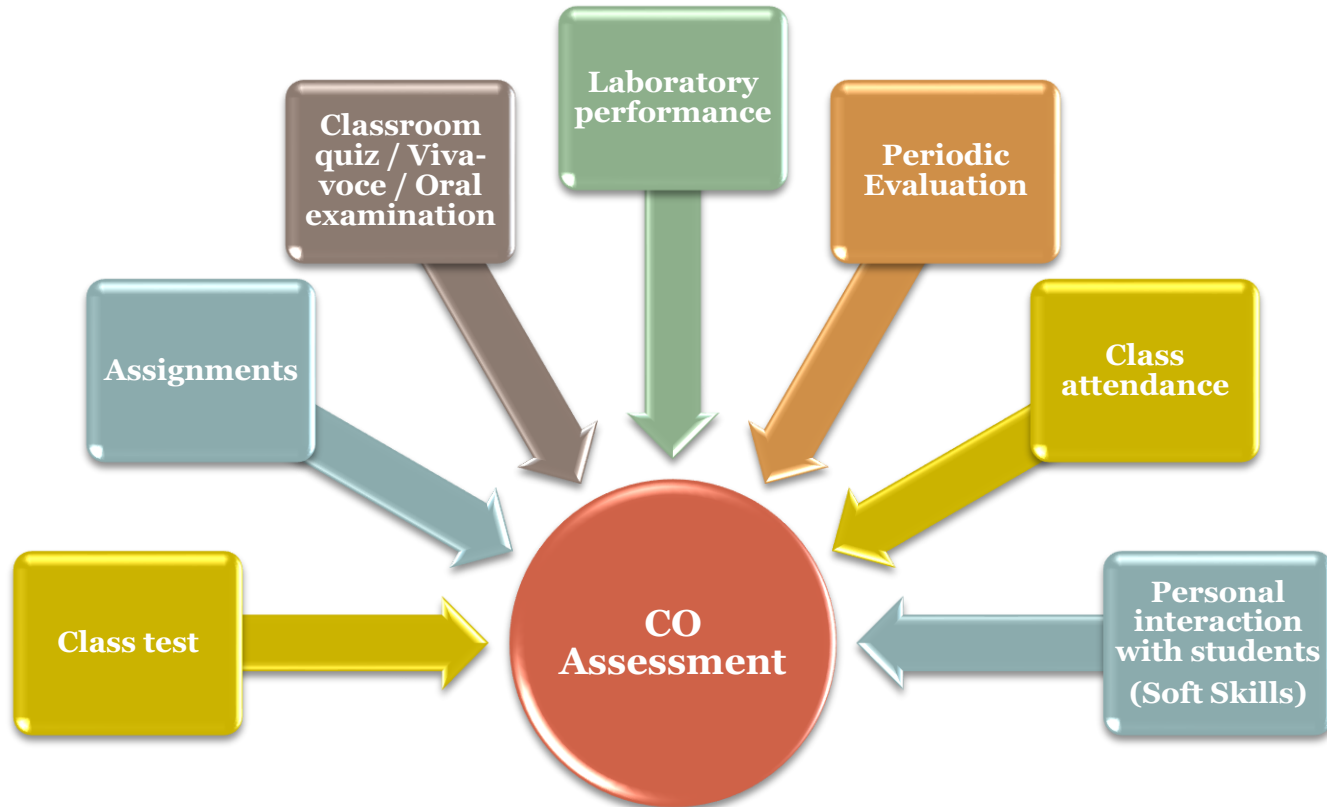
Course Code: BP 302T

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
C202.1	2	1	2	1							
C202.2	3	1	2	1							
C202.3	3	1		1							
C202.4	3	1		1			2		1		
Avg C202	2.75	1.00	1.67	1			2		1		

3- High; 2- Moderate; 1- Low; Blank- No mapping

Assessment of COs

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Assessment of Course Outcomes

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- **Microsoft Excel Workbook is provided for:**
 - Easy and continuous accumulation of assessment data
 - Assessment & Analysis data.
 - Individual faculty may modify the assessment sheet

Rubric for CO Assessment			
Achievement level	Criteria	Attainment Level	Conversion factor
HIGH	80% or more than 80% students have scored 80% or more than 80% in the assessment tools used.	$\geq 80-100\%$	3
MODERATE	80% or more than 80% students have scored 60% or more than 60% in the assessment tools used.	$\geq 60-80\%$	2
POOR	80% or more than 80% students have scored 50% or more than 50% in the assessment tools used.	$\geq 50-60\%$	1
NOT ACHIEVED	80% or more than 80% students have scored less than 50% in the assessment tools used.	$< 50\%$	0

Assessment Rubrics

	ATTENDANCE	SESSIONAL (20)				ASSIGNMENTE (20)				ESE
		1ST SES	2ND SES	3RD SES	AVG	CE 1	CE 2	CE 3	AVG	
% OF STUDENTS SCORED >= 80%	88	10	7	16	16	32	42	82	31	11
% OF STUDENTS SCORED >= 70%	98	33	26	34	45	56	65	100	58	33
% OF STUDENTS SCORED >= 60%	98	50	47	54	67	72	87	100	81	58
% OF STUDENTS SCORED >= 50%	99	72	58	67	82	81	92	100	94	83
% OF STUDENTS SCORED <50%	1	28	42	32	39	19	6	0	6	13
TOTAL STUDENTS APPEARED	109	109	109	109	109	109	109	109	109	109
80 % OF STUDENTS SCORED	>80%	<50%	<50%	<50%	>50%	>50%	>60%	>80%	>60%	>50%
Weightage contribution to respective course outcomes	CO 1	20	10		10	10			20	30
	CO 2	20	10		10		10		20	30
	CO 3	20		10	10			10	20	30
	CO 4	20			10	10			10	20

Analysis of Attainment

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ATTAINMENT OF COURSE OUTCOMES			
COURSE OUTCOMES	% OF ATTAINMENT	ATTAINMENT LEVEL	CONVERSION FACTOR
CO 1	64	MODERATE	2.40
CO 2	65	MODERATE	2.44
CO 3	68	MODERATE	2.55
CO 4	68	MODERATE	2.55
Average			2.49

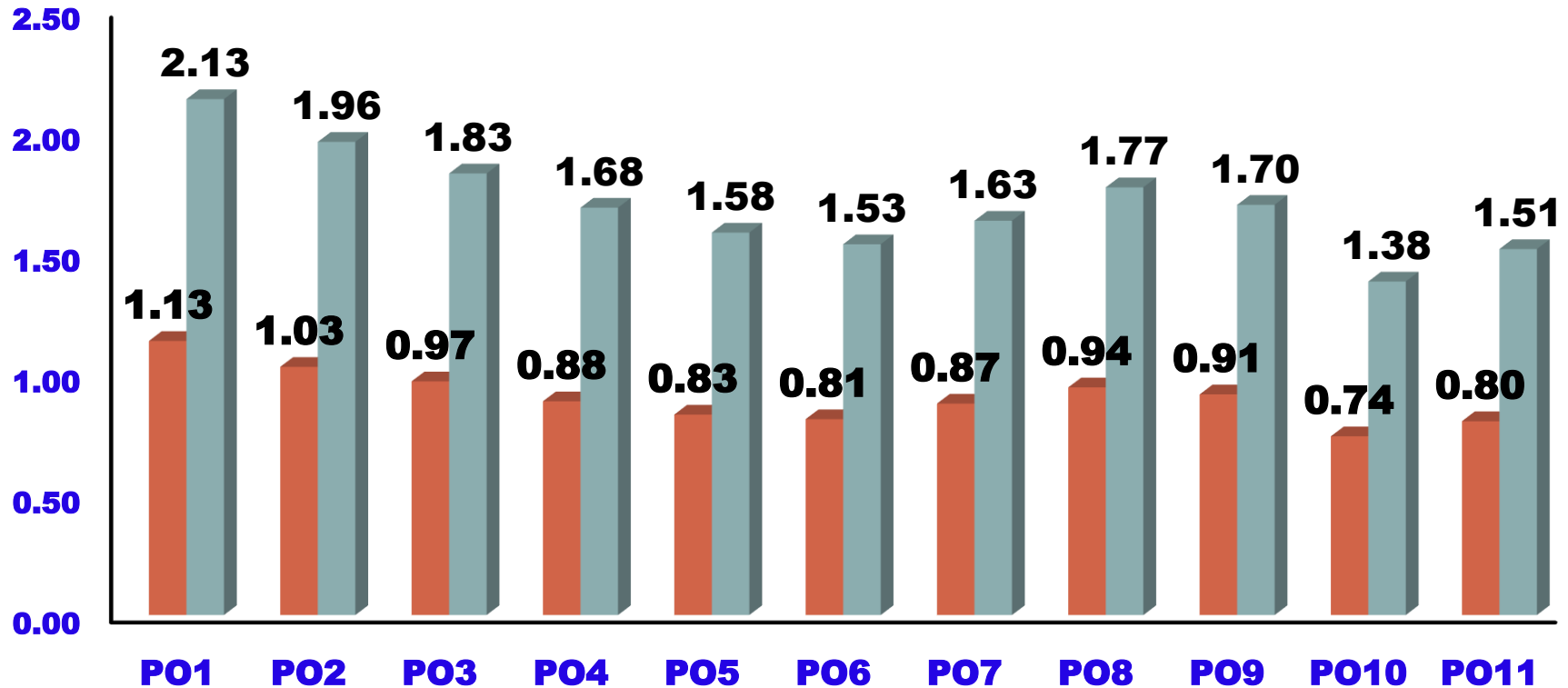
*** Similarly, the average CO of all B.Pharm program courses (Theory & Practical) were analyzed and calculated for the attainment.**

Attainment of PO for 2018-19

■ Total target Level for the B.Pharm Programme 2018 - 2019

■ Total Attainment Level for the B.Pharm Programme 2018 - 2019

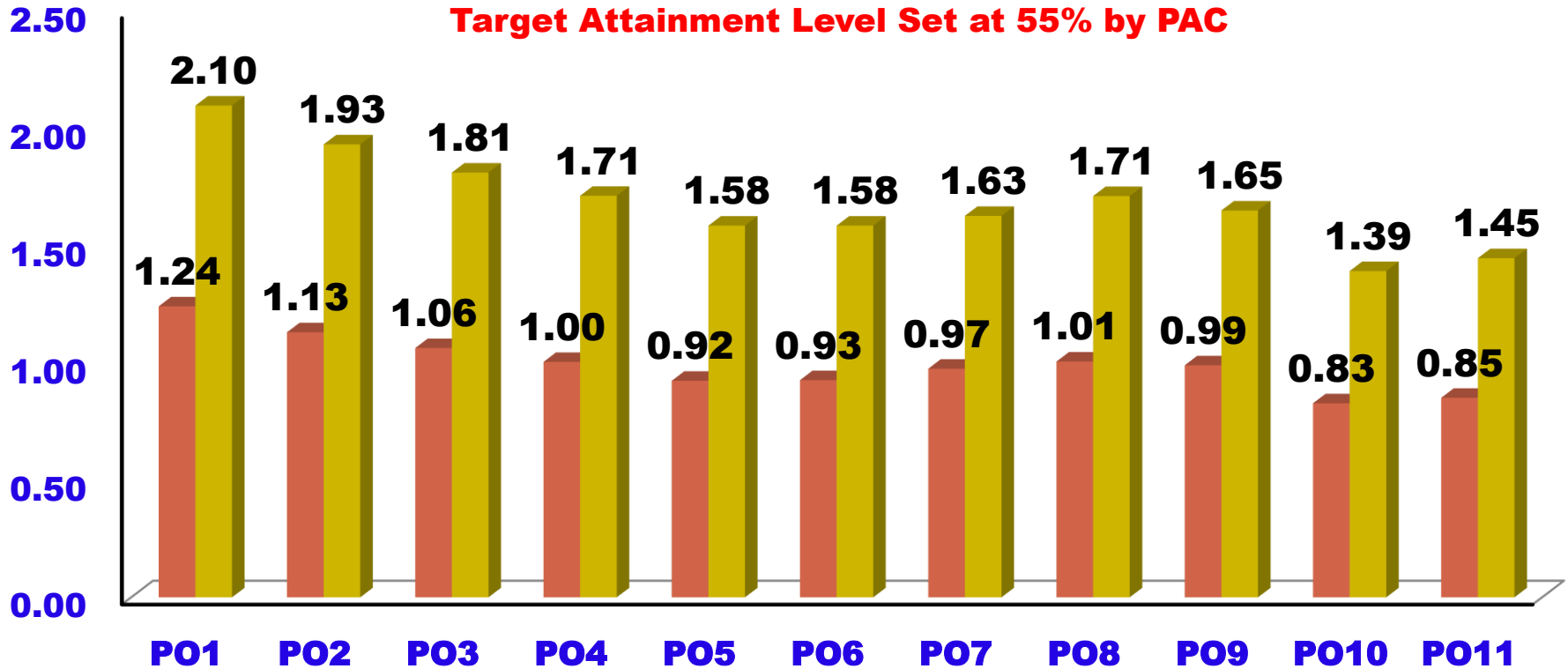
Target Attainment Level Set at 50% by PAC



Attainment of PO for 2019-20

- Total target Level for the B.Pharm Programme 2019 - 2020
- Total Attainment Level for the B.Pharm Programme 2019 - 2020

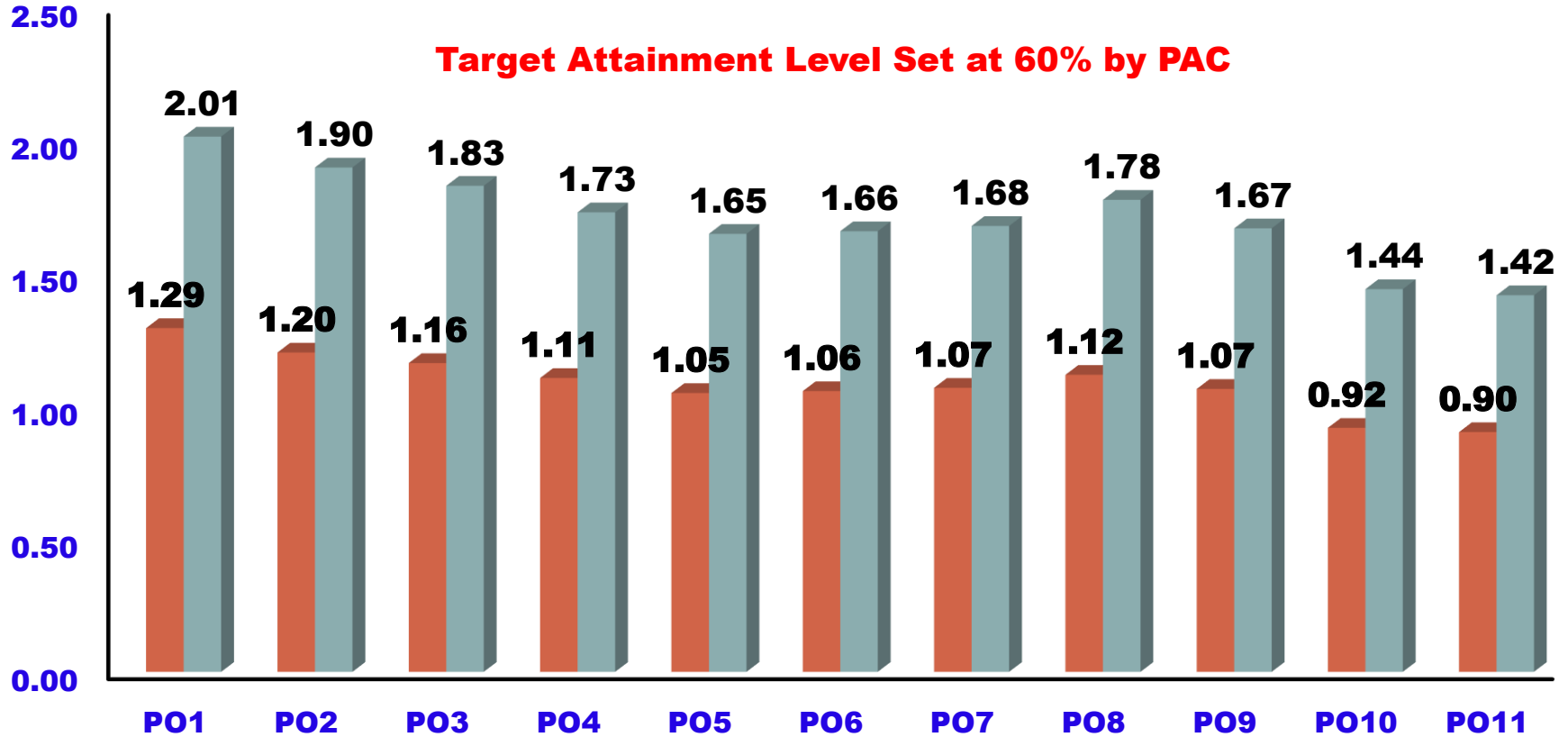
Target Attainment Level Set at 55% by PAC



Attainment of PO for 2020-21

■ Total target Level for the B.Pharm Programme 2020 - 2021

■ Total Attainment Level for the B.Pharm Programme 2020 - 2021



Student's Section

Performance, Continuous Improvement & Support system

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- ✓ **Intake & Enrolment ratio**
- ✓ **Quality of Students Enrolled**
- ✓ **Success rate Index and Academic Performing Index**
- ✓ **Placement & Higher studies**
- ✓ **Professional activities**
- ✓ **Student's support System**
- ✓ **Student's performance beyond Academics**

Intake & Enrolment Ratio

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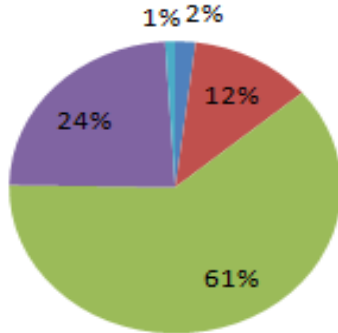
Item	CAY 2021-22	CAYm1 2020-21	CAYm2 2019-20	CAYm3 2018-19	CAYm4 2017-18	CAYm5 2016-17	CAYm6 2015-16
Sanctioned intake (N)	100	100	100	100	100	60	60
Total no. of students admitted in 1 st year (N1)	104 (4 PMSSS)	102 (2 PMSSS)	102 (2 PMSSS)	98	96	58	57
No. of students admitted in 2 nd year via. lateral entry	0	10	10	10	9	6	6
Total no. of students admitted in the program (N1+N2)	104	112	112	108	105	64	63

Academic year	Enrolment ratio (N1/N*100)
CAY (2021-22)	104
CAY m1 (2020-21)	102
CAYm2 (2019-20)	102

Profile of Students Enrolled

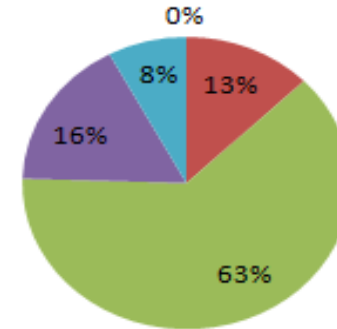
■ Below 50% PCB/PCM ■ 50%-60% PCB/PCM ■ 60%-70% PCB/PCM
■ 70%-80% PCB/PCM ■ Above 80% PCB/PCM

2019-20

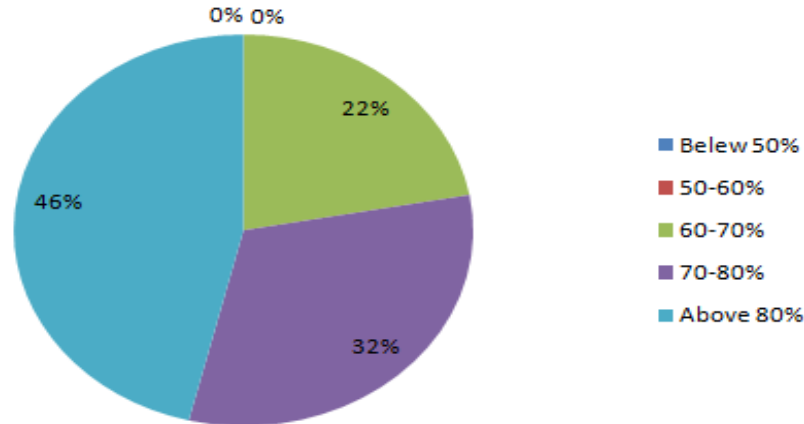


■ Below 50% PCB/PCM ■ 50%-60% PCB/PCM ■ 60%-70% PCB/PCM
■ 70%-80% PCB/PCM ■ Above 80% PCB/PCM

2020-21



2021-22

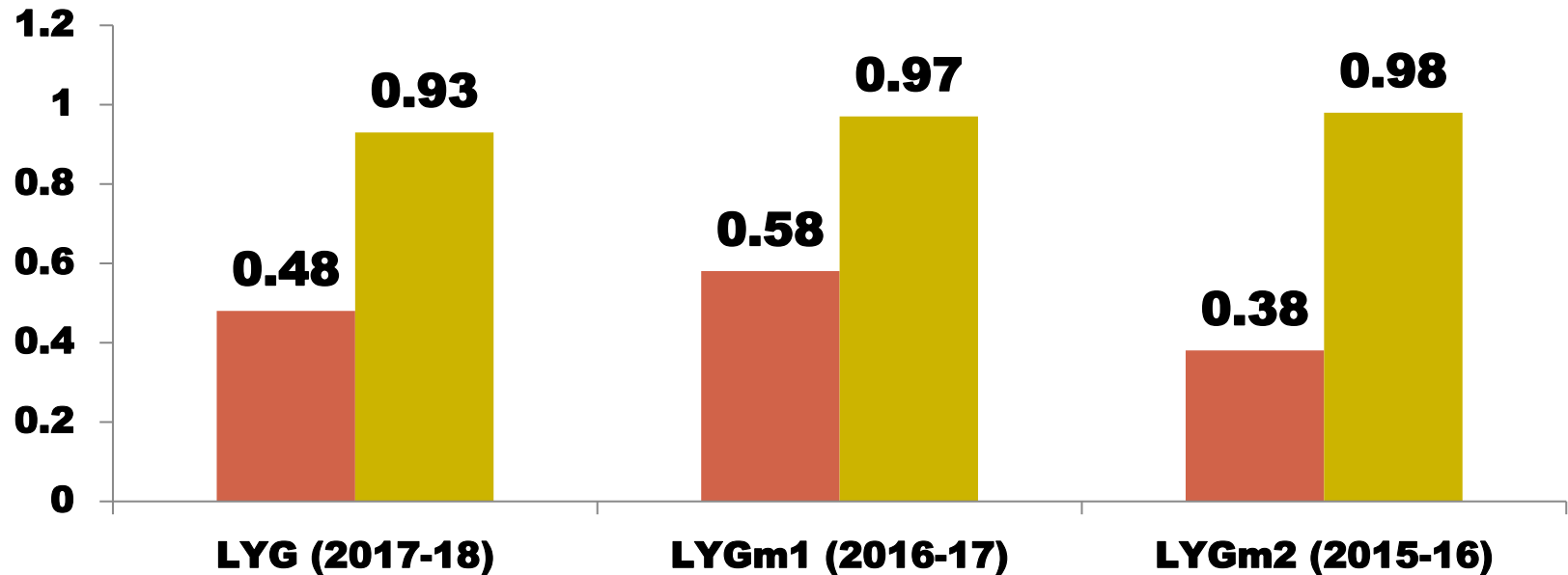


Success rate of Students in examination

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Success rate Index

■ Without Backlogs
■ With+Without backlogs



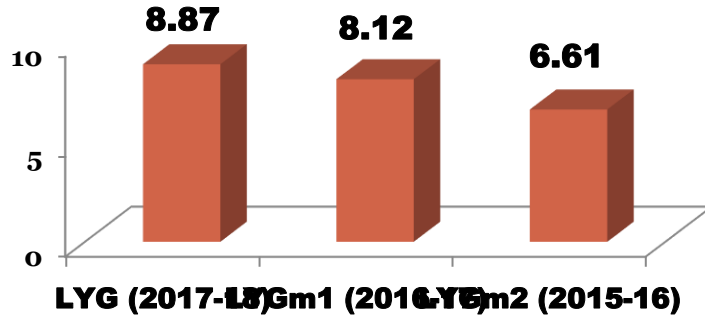
Avg SRI (WB) = 14.40
Avg SRI (W+WB)= 19.20

Academic Performance Index at different years

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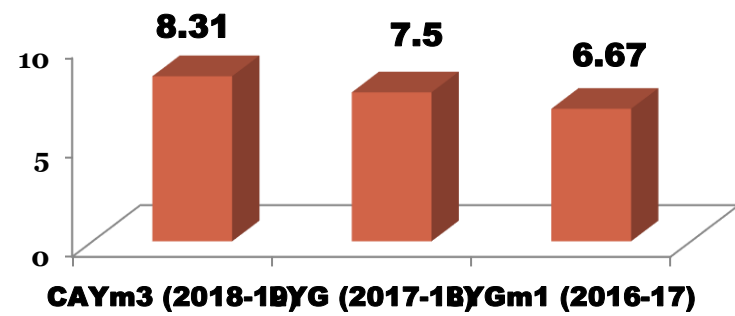
API in Final year

Avg= 7.87



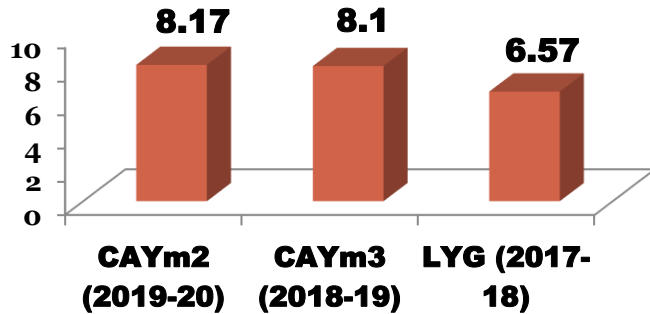
API in Third year

Avg= 7.49



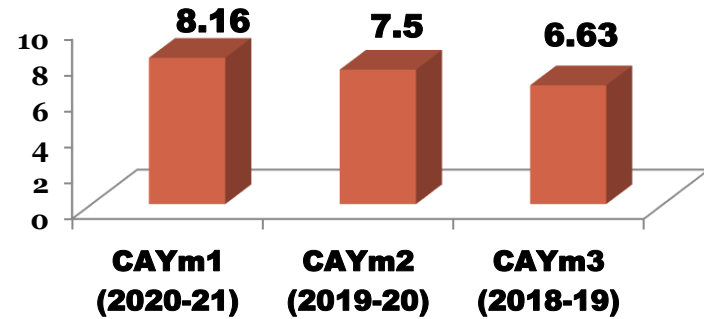
API in Second year

Avg= 7.61



API in First year

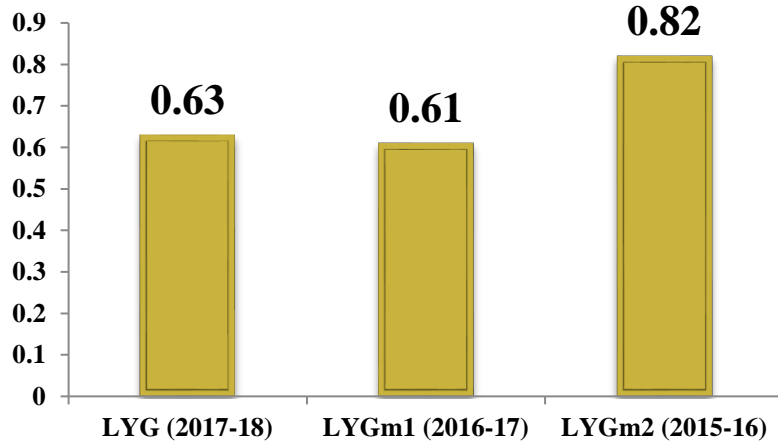
Avg= 7.43



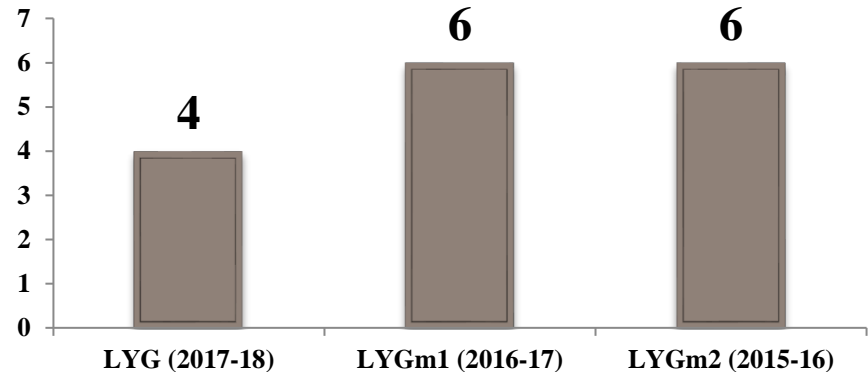
Placement and higher studies

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Placement Index



GPAT Entrance exam



Industries:

Sun Pharmaceuticals, Akums Pvt. Ltd.,
Ajanta pharmaceuticals, Hetero Pharma,
GSK Ltd., Systopic Labs. Etc.

GPAT 2020: Best ranking **AIR-203**
GPAT 2021: Best ranking **AIR-30** ★
GPAT 2022: Best ranking **AIR-441**

Student's Support System

Mentoring system

- **Supporting + Motivation + Counseling at Academics, personal-level etc...**

GPAT Mentoring system (for advanced learners)

- **Supporting + Motivation + Guidance + Coaching**

Tutorial Classes (for Slow learners)

- **Supporting + Counseling + Training**

Project Guides mentoring system

- **Supporting + Supervising + Demonstrating**

Women's Cell support system

- **Supporting + Counseling + Motivating + Empowerment**

SC & ST Cell support system

- **Supporting + Counseling + Motivating + Empowerment**

Student's Support System

Grievance Redressal Cell

- **Supporting + Counseling**

National Scholarship Portal

- **Supporting + Encouraging + Guiding**

Training & Placement + Career Guidance Cell

- **Supporting + Guiding + Motivation**

Co-curricular, Extracurricular support

- **Supporting + Encouraging + Motivating + Coaching**

Feedback system

- **Supporting + Action Implementation + Improvement**

NSS & IPA

- **Supporting + Encouraging + Motivation**

Student's Professional activities

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Involvement in Professional Societies

- Members of Indian Pharmacy Association (IPA)
- Members of Meghalaya Pharmacy Professional Association (MPPA)
- National Service Scheme (NSS)

Involvement in Organizing Pharmacy Events

- World Pharmacists day, National Pharmacy week, National Science Day, Blood donation camp, EBSB, NSS activities

Involvement in Publications

- Wall magazine, Pharmazone, GIPSlet
- Published Articles in reputed Journal

Participation in Inter-institute events

- Winners and runner's up in ASTU Annual sports & Cultural Meet, inter-college badminton tournament, Assam Power lifting & body building, KBM inter-college cricket tournament and other University level art and essay writing competitions.

Performance of the Students: Beyond Academics

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● Publications:

1. Laloo D, **Tahbildar R, Smith K, Ahmed AU**, Nath J, Shil D, Das G, Langbang A, Prasad SK, Singh NK. Impact of quality control standardization parameters and antioxidant potential of the aerial parts of *Potentilla fulgens* Wall.: A comprehensive monographic study. *Journal of Biologically active products from Nature*. 2020; 10(4): 338-356. [Taylor & Francis Online Publications].
2. Dibyendu Shil, **Tanmay Sarma**, Masud Reja, Amit Samanta. S.O.M.A. :A new era for diabetic patient. 2020; 7(4):2411-2414.
3. Dibyendu Shil, **Tanmay Sarma**. Exploring quality control standards and potential antibacterial property of different extracts of the root of *Physalis minima* L. *International Journal of Research in Pharmaceutical Sciences*. 12(4):2350-2360 .

● Sports:

1. Students of GIPS were placed in Runners-up position in the KBM inter-college Cricket Tournament (24.01.2020)
2. **Mr. Doipayaan Bhattacharya** (B.Pharm 1st Semester) won 1st prize in Badminton Tournament organized by Leo Club of Guwahati (29.08.2020).
3. **Mr. Ashish Ahmed** (B.Pharm 5th Sem) secured 1st prize in Body Building Competition organized by Club fit unisex gym, Mirza in association with Kamrup district physique association (recognized by Ministry of youth affairs and sports, Govt. of India) (7th to 8th Nov 2021).

Contd.....Performance of the Students: Beyond Academics

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- **Art & Essay competition:**

1. **Ms. Rupama Thakuria** (B.Pharm 5th Sem) secured 2nd prize in Online Art Competition organized by SPE Dibrugarh University (11.07.2020).
2. **Ms. Rupama Thakuria** (B.Pharm 5th Sem) secured 1st prize in Poster Making Competition organized by SPE Dibrugarh University (15.08.2020).
3. **Ms. Dimpal Kumar Barman** (B.Pharm 5th Sem) secured 3rd Prize in Online Essay competition organized by GIPS (27th Sept to 2nd Oct 2021).

Glimpses of Students' performance in various events

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ASTU annual sports & cultural event



World Pharmacists Day



NSS activities



Champion of Mr. Kamrup body building



International Yoga Day



Wall Magazine



Significant Achievements of the Alumni

Inspector of Drugs



**Rupunjoy
Bordoloi
Batch 2009-2013**



**Chinmoy Patgiri
Batch 2016-20**



**Tejendra Saikia
M.Pharm Batch
2016-20**

Scientific Officers



**Pranjal Saikia
SO, RDTL
Batch 2007-11**



**Trailoka Das
SO, RDTL
Batch 2007-11**



**Dr. Harshita Krishnatreyya
Scientific Officer NIPER-G
Batch 2009-13**

Govt. Pharmacists



**Bhashyati Deka
Govt.
Pharmacists
Batch 2009-13**



**Uttam Borah
CGHS
Pharmacist
Batch 2013-17**



**Bitupan bora
Railway
Pharmacists
Batch 2013-17**



**Rablee Saikia
SBI
Pharmacists
Batch 2013-17**



**Tabobrata
Patgiri
Govt. Pharmacists
Batch 2013-17**



**Ajoy Das
Railway
Pharmacists
Batch 2017-21**

Industries



**Subrata Dutta
Executive Quality
Control, Ajanta
Pharma
Batch 2007-11**



**Bidyut Das,
Executive Quality
Assurance,
Natco Pharma
Batch 2008-12**



**Arunav Kashyap,
Executive Quality
Control, Eris
Lifesciences
Batch 2008-12**



**Prithviraj Senior
Associate Manager.
ELI-LILLY and
Company
Batch 2009-13**



**Koustavmani Kalita
Senior Decision support
Analyst. Nestle India Ltd.
Batch 2009-13**



**BHASKARJYOTI BARM
AREA SALES
MANAGER,
NORTHEAST IPCA
LABORATORIES
Batch 2009-13**



**Devjit Adhikary Senior
Recruitment Manager
(PlanTree Ventures)
Batch 2013-17**

Faculties Section

Faculty information & contributions

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- ✓ **Faculty information's**
- ✓ **Faculty Teaching-Learning innovations**
- ✓ **Faculty contribution in R&D**
- ✓ **Sponsored Projects**

Faculty Details (Current)

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Prof. (Dr.) P. Malairajan, M. Pharm., Ph.D. **Principal, GIPS**

Prof. (Dr.) K. Jessi Kala Veni, M.Pharm., PhD.	Dr. Dipankar Saha, M. Pharm., Ph.D.
Dr. Smriti R. Chanda Das, M. Pharm., PhD	Dr. Bhanu P. Sahu, M. Pharm., Ph.D., PostDoc
Dr. Trishna Das, M. Pharm., PhD	Dr. Damiki Laloo, M. Pharm., Ph.D., PGDS
Dr. Jun Moni Kalita, M. Pharm., PhD	Dr. Tapash Chakraborty, M. Pharm., PhD
Dr. Sheikh Sofiur Rahman, M. Pharm., PhD	Dr. Ankita Kashyap, M. Pharm., PhD
Dr. Nikhil Biswas, M. Pharm., PhD., Post Doc	Dr. Rupa Sengupta, M. Pharm., PhD
Dr. Ashis K. Goaswami, M. Pharm., PhD	Dr. Anupam Sarma, M. Pharm., PhD
Dr. Brighu Kumar Das, M. Pharm., PhD	Dr. KD Lalthiasama, Pharm.D

Faculty Details (Current)

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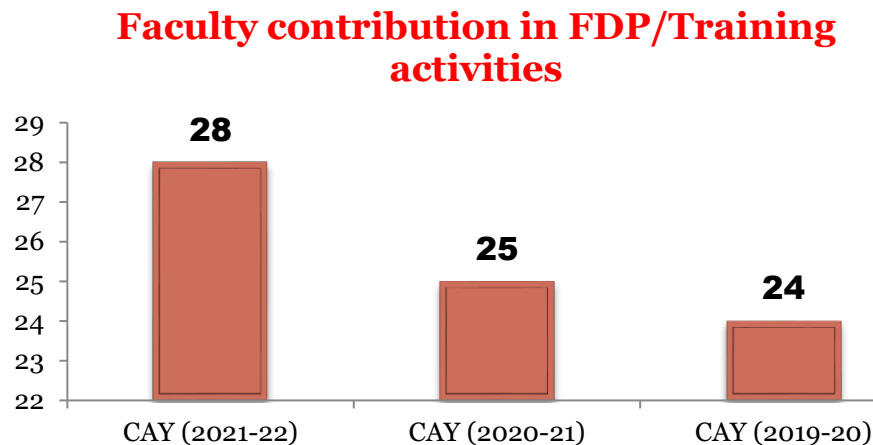
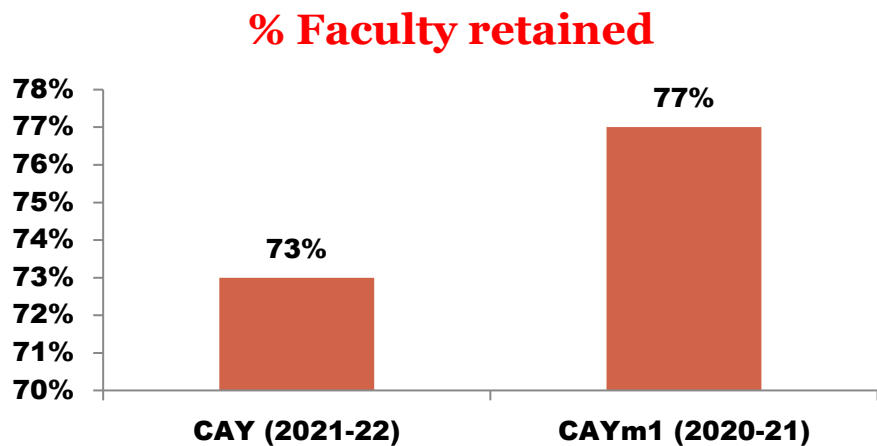
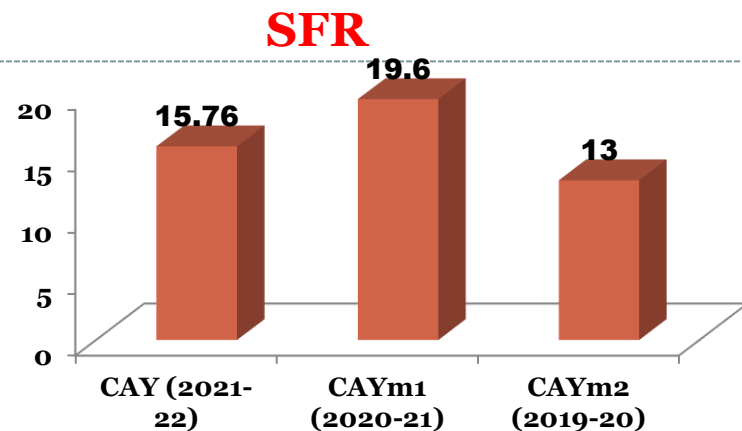
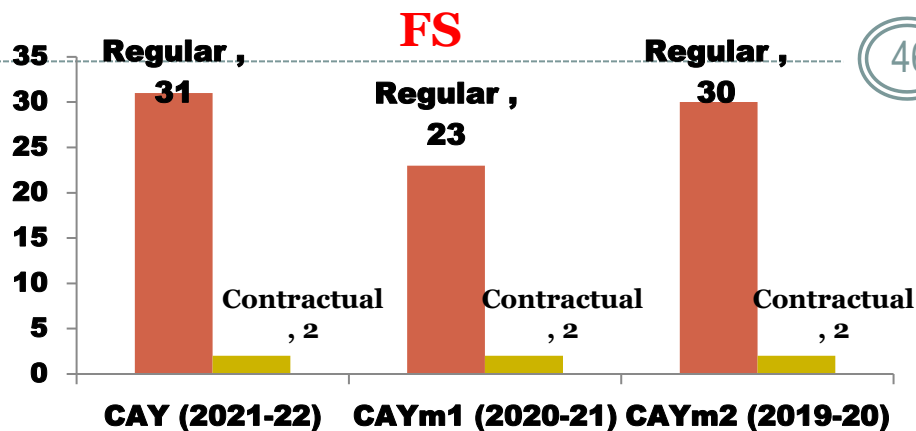
Ms. Zartaj Washim Banu, M. Pharm., PhD (Pursuing)	Ms. Asha Das, M. Pharm., PhD (Pursuing)
Ms. Shatabdi Ghose, M. Pharm.	Ms. Priyanka Chowdhury, M. Pharm.
Mr. Susankar Kushari, M. Pharm., PhD (Pursuing)	Mr. Mrinmoy Deka, M. Pharm.
Ms. Madhuchandra Lahon, M.Pharm, PhD (Pursuing)	Mr. Trideep Saikia, M. Pharm.
Ms. Pallabi Kashyap, M. Pharm.	Ms. Lima Patowary, M. Pharm.
Mr. Ranadeep Boragohain, M. Pharm.	Ms. Arundhati Medhi, M. Pharm.
Mr. Rajana James, M. Pharm.	Mr. Alakesh Bharali, M. Pharm.
Mr. Bhargab Deka, M. Pharm.	Ms. Tutumoni Kalita, M. Pharm.
Mr. Chinmoy Bhuyan, M. Pharm., PhD (Pursuing)	Mr. Suman Kumar, M. Pharm., PhD (Pursuing)
Ms. Najima Begum, M.tech CSE, PhD (Pursuing)	

Faculty Cadre Ratio

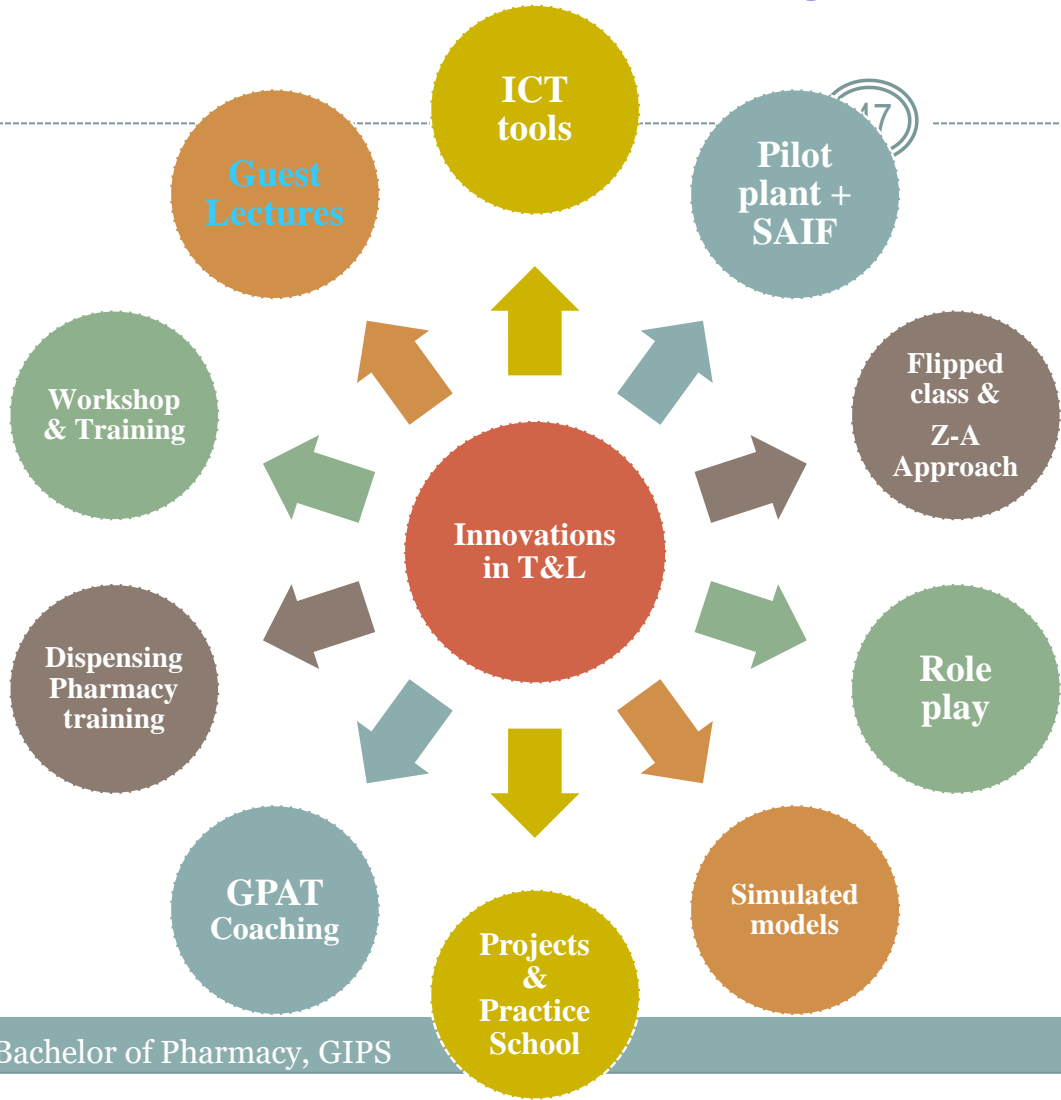
45

	Professors		Associate Professors		Assistant Professors	
	Required F	Available	Required F2	Available	Required F3	Available
CAY (2021-22)	3	1	7	3	23	27
CAYm1 (2020-21)	3	1	7	3	21	19
CAYm2 (2019-20)	3	1	6	4	18	25
Average	3	1	6.67	3.33	20.67	23.76

Faculty strength (FS), Student's Faculty Ratio (SFR), Faculty retention (FR) & Contribution in training activities



Modern Teaching-Learning Approach



ICT Tools

SMART classroom with Digital White board

LCD Projectors

High speed Wifi & LAN connection (200 mbps)

Simulated Models

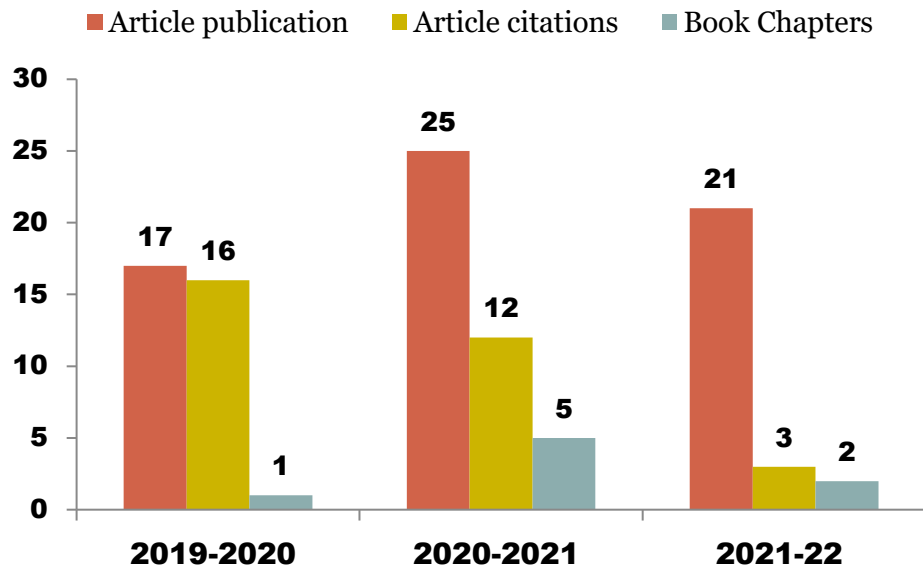
Ex-Pharm series for animal experimentation

Sophisticated Software's

Drug Discovery for CADD

Faculty contribution in R&D's

Publications in SCI/refereed Journals 48



Total Article Publication (Last 3 years): 63

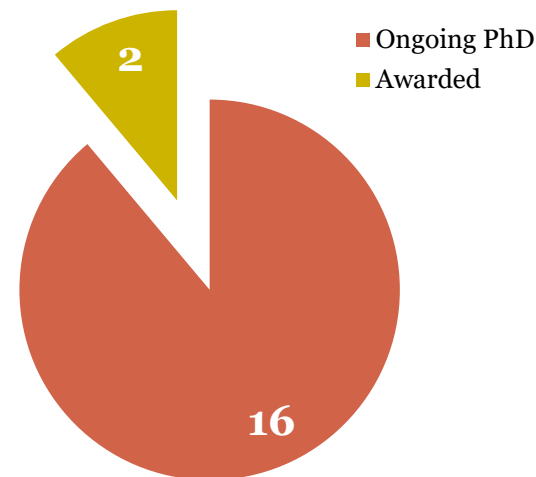
Total Citations (Last 3 years): 31

Total Book Chapters (Last 3 years): 8

Reputed Journals:

Elsevier, Taylor & Francis, Wiley, Springer etc.

PhD guides and fellows



Name of Guides	Ongoing	Awarded
Prof. Gouranga Das	3	-
Dr. Abdul Baquee Ahmed	3	03
Dr. Dipankar Saha	4	-
Dr. Bhanu P. Sahu	2	-
Dr. Damiki Laloo	3	-

IPR & Patents

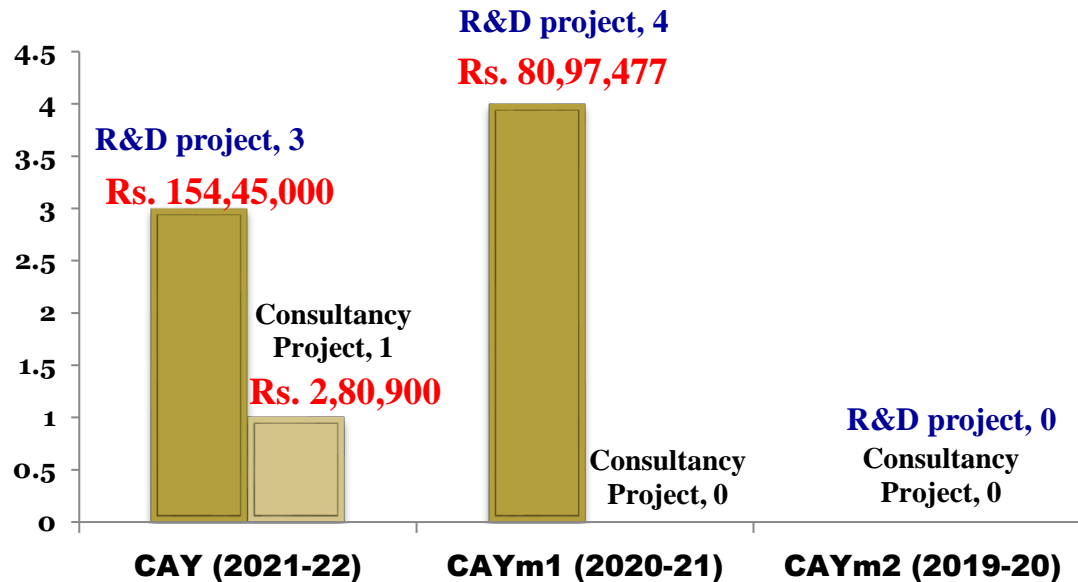
Patents published/granted

SI	Patent No. & Topics	Inventors	Country	Published date
01	2021106616: A Poly-Herbal Drug Composition and Method for the Formulation of the Poly-Herbal Drug for the treatment of Cognitive Frailty	Dr. Damiki Laloo	Australia	1 st December 2021
02	2021106642: A poly-herbal drug and method for formulating the poly-herbal drug for a treatment of diabetes	Dr. Damiki Laloo	Australia	1 st December 2021
03	202022102391: Polyherbal Formulation For Improving Infertility	Mr. Alakesh Bharali	Germany	
04	2022/03092: A method for evaluating the antimalarial activity of the methanol extracts of <i>Coptis teeta</i>	Dr. Ashis Goswami, Dr. Ankita Kashyap	Republic of South Africa	25 th May 2022
05	202022104033: Composition of a novel multiepitope vaccine: an immunoinformatic approach to combat Puumala virus	Mr. Trideep Saikia	Germany	14 th October 2022

Sponsored Projects & Consultancy Projects

50

Sponsored projects & Consultant projects



R&D projects sponsoring Agency

AICTE-RPS-NER

AICTE-RPS-GEN

AICTED-MODROBS

DST-FIST

Consultancy Project

M/S Lensing Agro Pvt. Ltd.



DST-FIST (Level-0)

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सत्यमेव जयते

Department of Science and Technology (DST)

DST

List of Instruments procured

- HPTLC
- GelDoc
- Automated Rotary Microtome
- Rotary Evaporator
- HPLC
- Computer Aided Drug Design software



Sponsored FDP/STTP

AICTE Training & Learning Academy (ATAL)- FDP

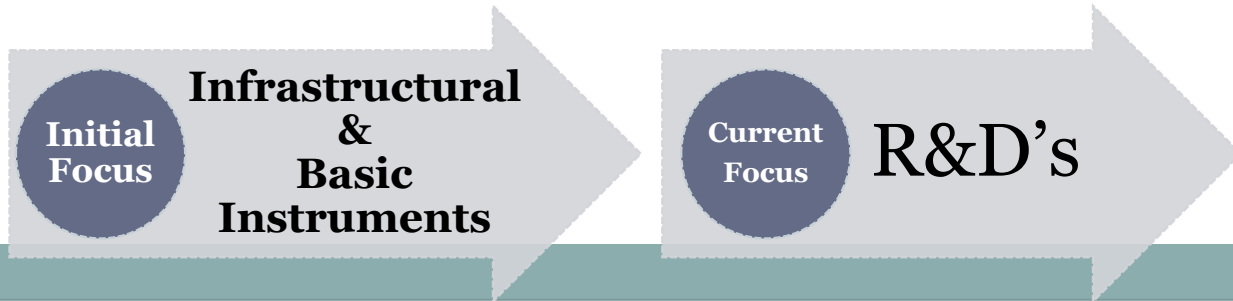
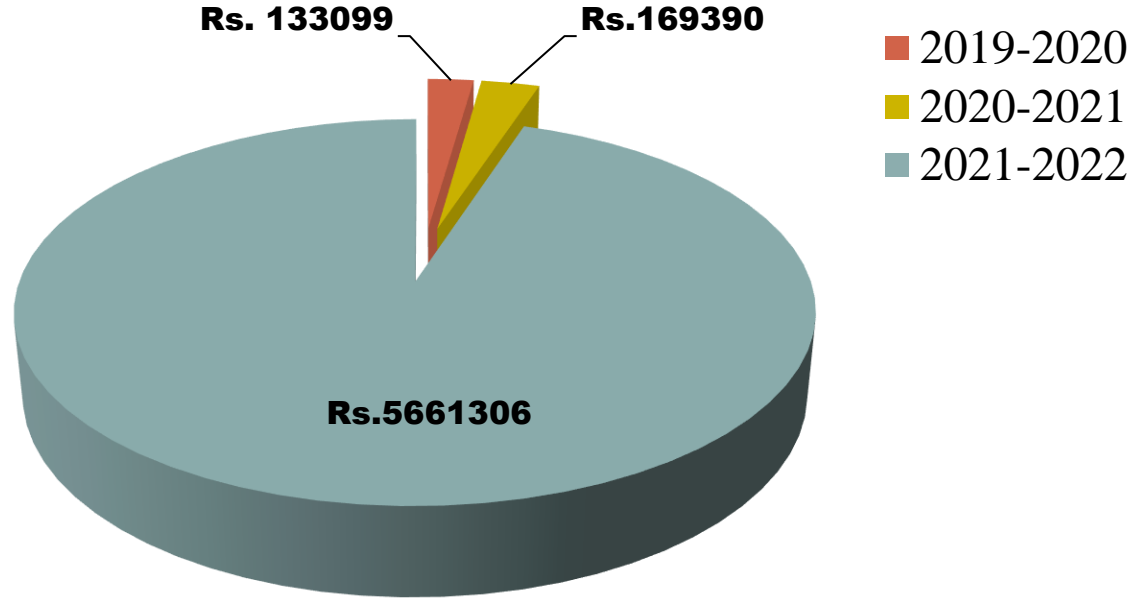
Sl	Topics	Coordinator	Dated	Sanctioned Amount
01	5 days ATAL-FDP on “Leadership and Excellence in Workplace”	Dr. Dipankar Saha	25 th to 29 th October 2021	Rs. 98,000
02	5 days ATAL-FDP on “Response, effectiveness, organizing self, attitudinal shift, decision making”	Dr. Damiki Laloo	06 th to 10 th December 2021	Rs. 98,000

AICTE sponsored Faculty Development Program & Short Term Training Program

Sl	Topics	Coordinator	Dated	Sanctioned Amount
01	2 weeks FDP on “Innovating Teaching methods and application of statistical software in Advanced Research in Science & Technology”	Dr. Dipankar Saha	19 th August to 1 st September 2021	Rs. 4,00,000
02	5 days STTP on “Role of Faculty to adopt moral values and ethics in research & publication: Unraveling the facts of publish & perish”	Dr. Damiki Laloo	06 th to 10 th December 2021	Rs. 3,00,000

R&D Investment

2019-2020	2020-2021	2021-2022
Rs. 1,33,099	Rs. 1,69,390	Rs. 56,61,306



Development activities & Performances

54

Developmental Activities

Developmental Activities

Research Laboratories & Purchase of instruments

Sophisticated Analytical Instrumentation Laboratory

Cell Culture Laboratory & Anti-Malarial Research Laboratory

Animal House with various experimental set-up

Pilot Plant Machine Lab

Product Development, Publications, Training & Patents

Development activities & Performances

**Faculty
Performances
Appraisal**

**General information,
qualifications and competencies**

A

**Self-Appraisal
Report
(SAR)**

**Part-I: Teaching, Learning &
Evaluation**

**Part-II: Co-curricular, extra-
curricular & Development**

**Part-III: Research & Academic
Contributions**

B

Facilities & Infrastructure

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Programme Specific Infrastructure

Facilities	Description	Details
Class rooms Total No: 08	<ul style="list-style-type: none"> • Well illuminated and ventilated. • Fitted with LCD projectors • Interactive white board • Ambient room environment 	Area: 70 to 80 SQM
Laboratories Total No. of Labs: 12 Pharmaceutics Lab = 3 Pharm. Chemistry Lab = 3 Pharmacology Lab = 2 Pharmacognosy Lab = 2 Microbiology Lab = 1 Computer & Language Lab=1	<ul style="list-style-type: none"> • Well illuminated and ventilated. • Water, electric & Gas pipelines • Adequate lab instruments and equipments to perform programme specific practical & research works 	Area: 80 SQM each
Central Instrumentation Room (SAIF)	Equipped with modern analytical & pharmaceutical instruments, Air-conditioned.	Area: 80 SQM
Pilot plant Machine Room	Equipped with modern pharmaceutical machineries.	Area: 80 SQM
Auditorium & Seminar Hall	Equipped with LCD projector, Air-conditioned.	Area: 100 SQM

Programme Specific Infrastructure (Contd.)

Facilities	Description	Details
Museum	Contains pharmaceutical drugs, herbarium specimens & pharmaceutical aids.	Area: 15 SQM
Computer & Internet Center	No. of PC: 30 Language training facility Internet facility, WiFi LAN Connectivity, Well illuminated.	Area: 80 SQM
Faculty Cabins Total no. of Cabins: 25	All cabins are equipped with: Table, Chair, Almira, White Boards, Computers, and other necessary stationery items.	Area of each cabin: 10 SQM (Average)
Tutorial Room	Well illuminated and ventilated, Ambient room environment, White or green boards	Area : 50 SQM
Medicinal Plant Garden	The garden is equipped with Green house for preservation of various plant species	Area: 1400 SQF

Facilities

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SOPHISTICATED ANALYTICAL INSTRUMENTATION ROOM



Facilities

PILOT PLANT MACHINE ROOM



Facilities

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MUSEUM



11/30/22
9:37 AM

Facilities

ANIMAL HOUSE WITH EXPERIMENTATION & BREEDING FACILITIES



Sports Facilities



Outdoor playground

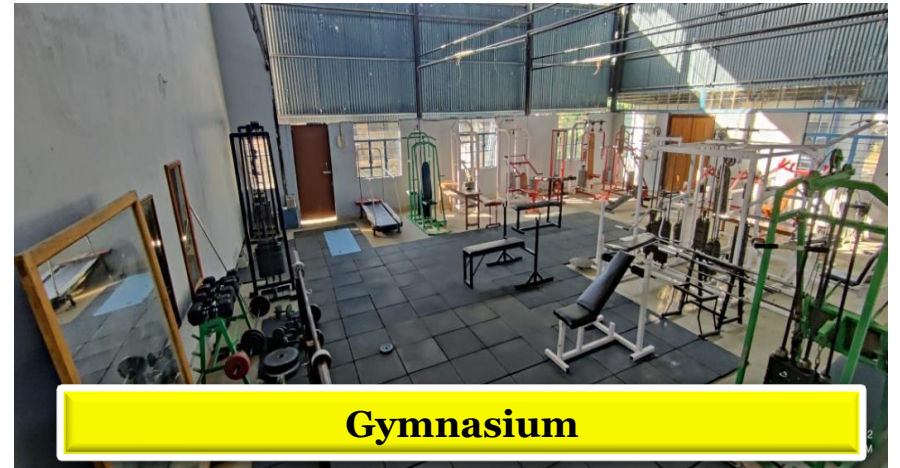


Badminton & Squash court



Indoor stadium

11/30/22
2:28 PM



Gymnasium

Facilities

64

MEDICAL FACILITIES



Ambulance



PMBJPK

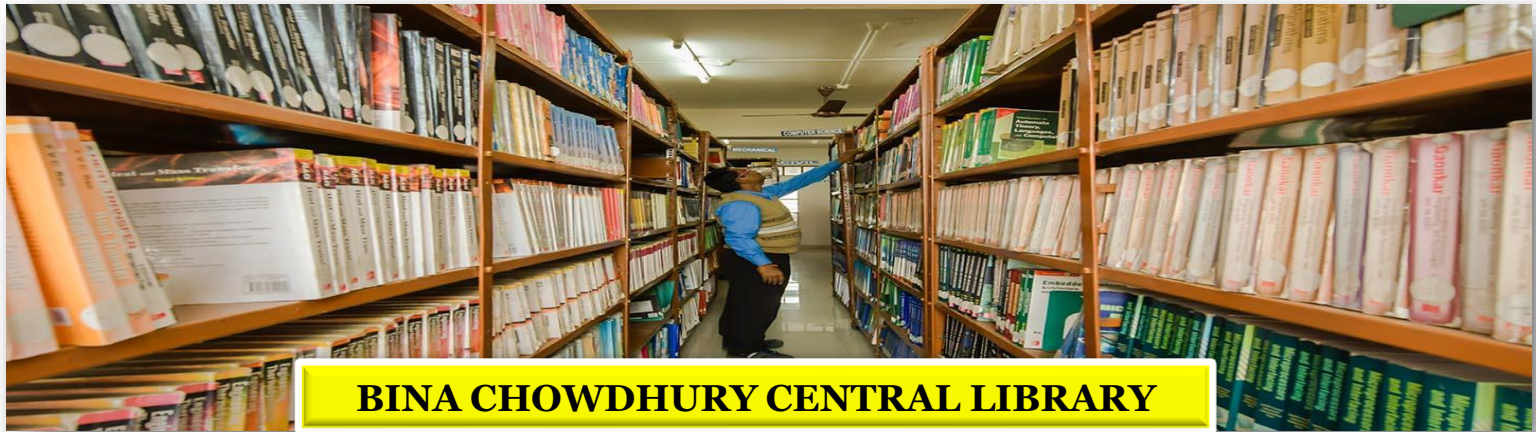
Facilities



GIRLS HOSTEL



BOYS HOSTEL



BINA CHOWDHURY CENTRAL LIBRARY

Other Facilities

Transportation facilities



Canteen facilities



Cafeteria



Green Solar Energy



Other facilities: ATM (State Bank of India), Ample Parking Space (Both Student's & Faculties), Power backup generator, Sports & Cultural Club etc.

Governance, Institutional support & Financial resources

67

Board of Governors

GIRIJANANDA CHOWDHURY INSTITUTE OF PHARMACEUTICAL SCIENCE(GIPS)

Hatkhowapara, Azara, Guwahati, Assam, India, Pin-781017

Visit us at : www.gips-guwahati.ac.in, Email: gips_guwahati@rediffmail.com, Phone No. : 0361-284305

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President,
Shrimanta Shankar Academy,
Paltanbazar, Guwahati, Assam

Prof. Kandarpa Das
Vice Chancellor of GCU

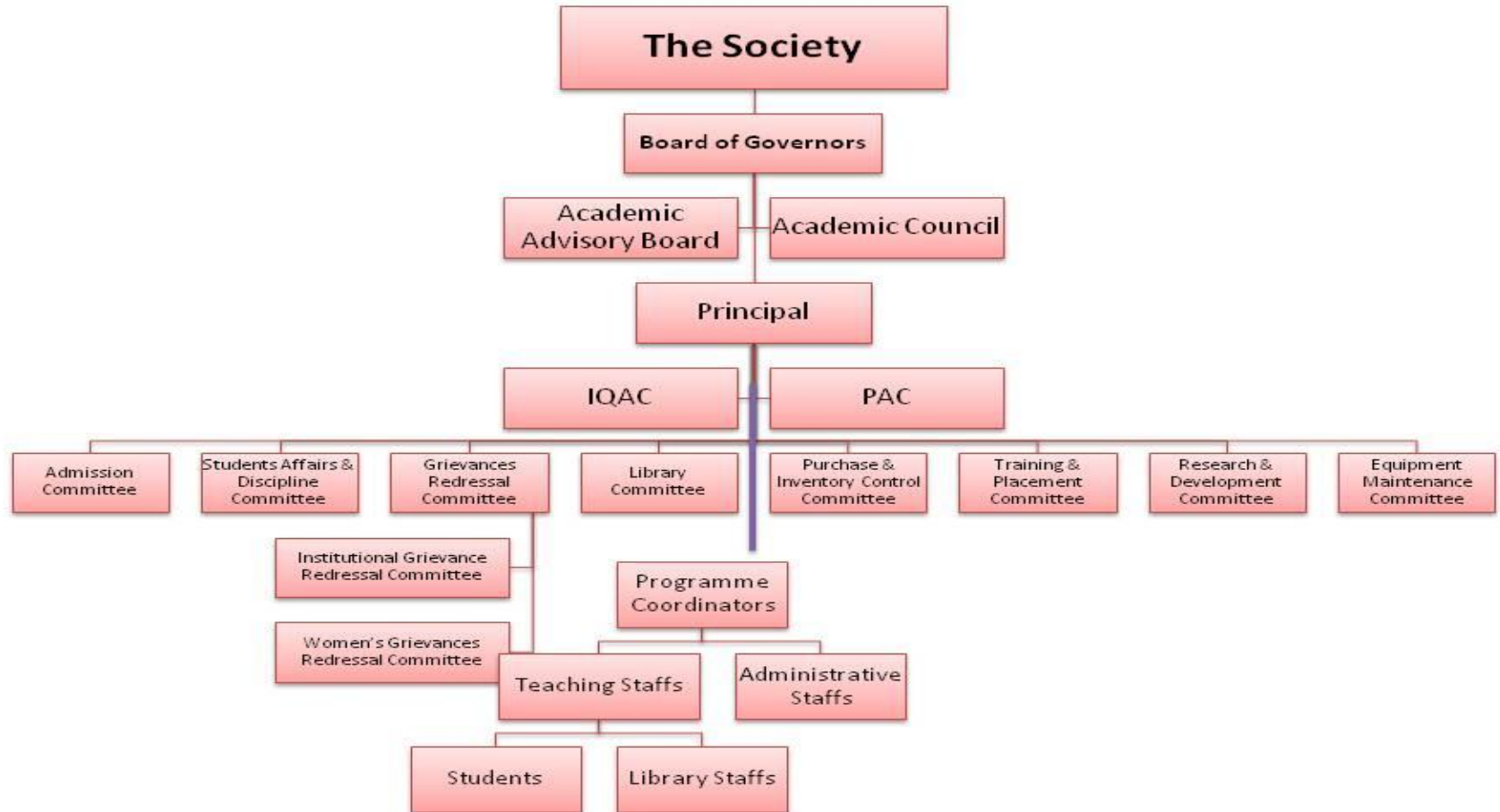
MEMBER SECRETARY

Dr. P. Malairajan
Principal
Girijananda Chowdhury Institute of
Pharmaceutical Science
Azara, Guwahati, Assam

MEMBERS

Prof. Pradip Phukan Department of Chemistry Guwahati University Nominated by ASTU	Dr. Nripen Das Registrar, Assam Science and Technology University, Guwahati, Assam	Mr. Bijoyananda Chowdhury Secretary, Shrimanta Shankar Academy, Guwahati, Assam
Mr. Dipak Kumar Singh General Manager, Ozone Pharmaceutical Pvt. Ltd. Guwahati, Assam	Dr. P. Mohan Professor, College of Vateriaary Science, Khanapara, Assam. Nominated by the society	Dr. S.K. Ghosh Professor, Dept. of Pharmaceutical Sciences Dibrugarh University, Dibrugarh, Assam Nominated by the Society
Representative of Director of Technical Education, Govt. of Assam, Guwahati, Assam	Representative of All India Council for Technical Education, Eastern Region, Kolkata, West Bengal	Two Teacher Members Girijananda Chowdhury Institute of Pharmaceutical Science, Nominated by the Society

Administrative Set-up



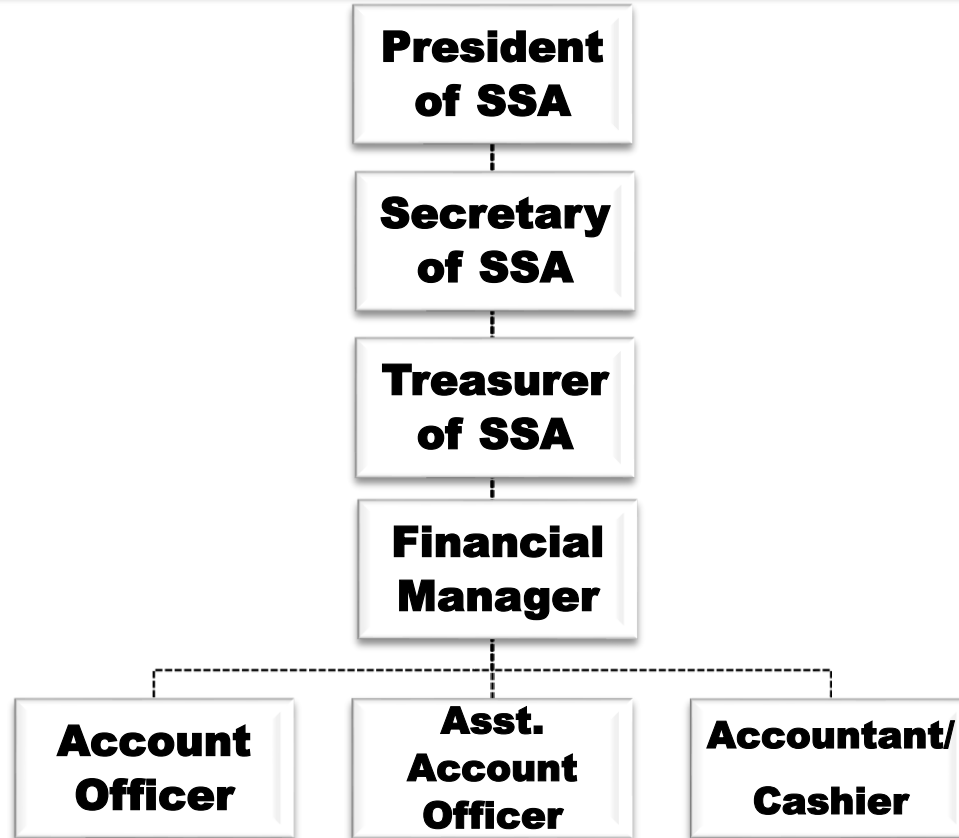
Decentralization of Grievance redressal system

70



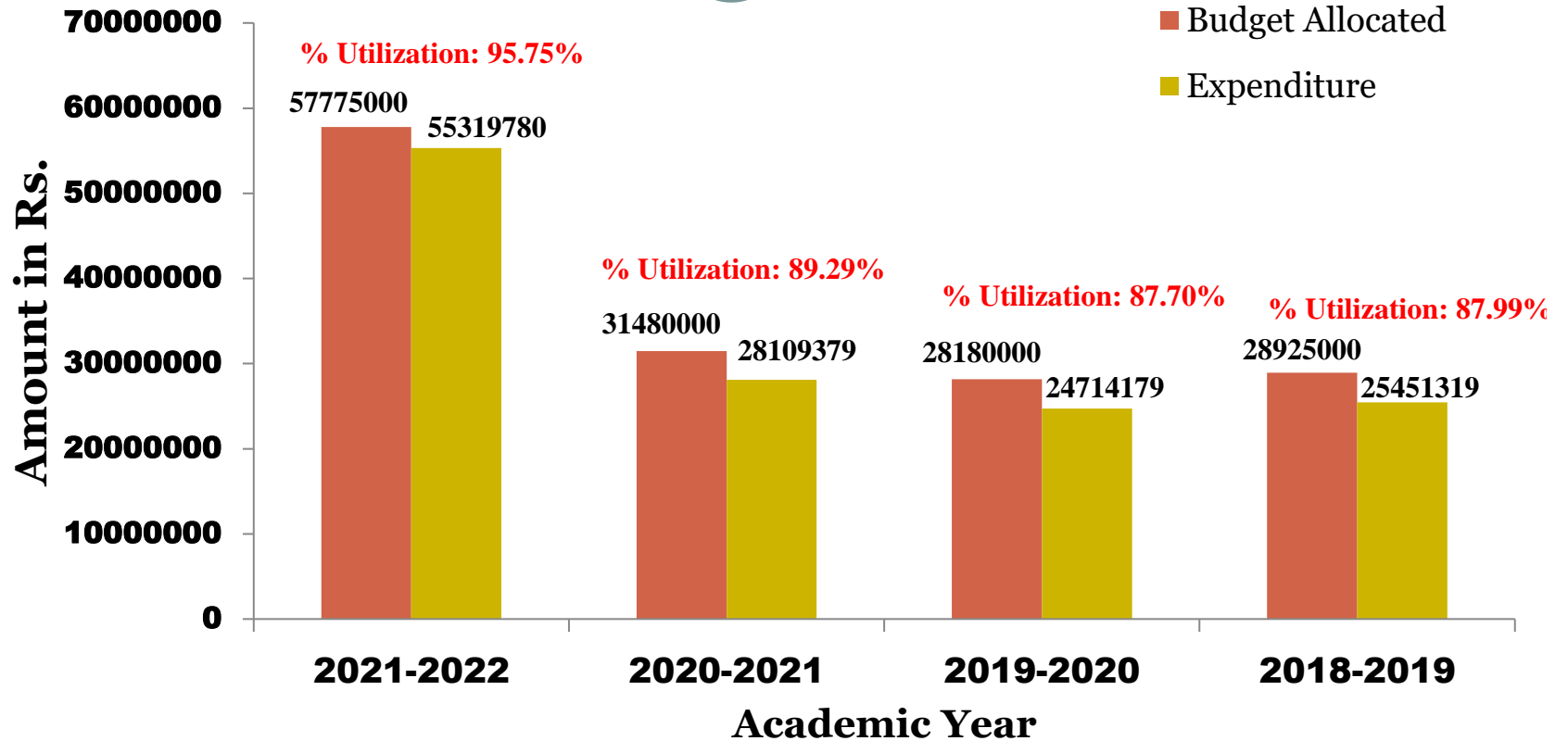
Delegation of Financial Powers

Shrimanta Shankar Academy (SSA) Society



Budget Allocation, Utilization and Accounting

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THANK YOU