

PHARMACY COUNCIL OF INDIA

Standard Inspection Format (S.I.F) for institutions conducting B. Pharm for 100 adms

(To be filled and submitted to PCI by an organization seeking approval of the course / continuation of the approval)

(SIF-B-1)

To be filled up by P.C.I.

To be filled up by inspectors

Inspection No. :

Date of Inspection:

FILE No. :

NAME OF THE INSPECTORS: 1.
(BLOCK LETTERS)

2.

PART – I

A - GENERAL INFORMATION

| | |
|---|--|
| A – I.1 Name of the Institution: Complete Postal address: STD code Telephone No. Fax No. E-mail | Girijananda Chowdhury Institute of Pharmaceutical Science. Azara, Hathkhowapara, NH-37, Guwahati-17, Assam. 0361 2843405 2843506 www.gips_guwahati@rediffmail.com |
| Year of starting of the course | 2007 |
| Status of the course conducting body: Government / University / Autonomous / Aided / Private (Enclose copy of Registration documents of Society/Trust) | Private (Annexure-I) |
| A – I.2 Name, address of the Society/Trust/ Management (attach documentary evidence) STD Code: Telephone No: Fax No: E-mail Web Site: | Shrimanta Shankar Academy, Dr. J.C. Das Road Panbazar, Guwahati, Assam-781 001. (Annexure-II) 0361 2510760 2637644 ssaguwahati@gmail.com www.gips-guwahati.ac.in |
| A – I.3 Name, Designation and Address of person to be contacted by phone STD Code Telephone No Office Residence Mobile No. Fax No E-Mail | Mr. Bijoyananda Chowdhury, Secretary, Shrimanta Shankar Academy, Dr. J.C. Das Road Panbazar, Guwahati, Assam-781001. 0361 2510760 2510760 09864023413 0361-2639689 ssaguwahati@gmail.com |

Signature of the Head of the Institution

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Signature of the Inspectors

| | |
|--|--|
| A – I. 4 Name and Address of the Head of the Institution | Prof (Dr.) Suvakanta Dash (Principal) Azara, NH-37, Hathkhowapara, Guwahati-781017, Assam |
|--|--|

A –I. 5

FOR INSTITUTION SEEKING CONTINUATION OF APPROVAL

a. Details of Affiliation Fee Paid:

| Name of the Course | Affiliation Fee paid up to | Receipt No | Dated | Remarks of the Inspectors |
|--------------------|----------------------------|-----------------|---------------------------|---------------------------|
| B.Pharm | 2016-17 | D.D. No. 342646 | 9 th June 2016 | |

b. APPROVAL STATUS:

| Name of the Course | Approved up to | In take Approved and Admitted | PCI | STATE GOVERNMENT | UNIVERSITY | Remarks of the Inspectors |
|--------------------|----------------|-------------------------------|--|---|--|---------------------------|
| B.Pharm | Conducting | Approval Letter No and Date | 32-638/2011-PCI/37959-61, Dated 12 th August 2014 | ATE.167/2004/34 dated 17 th January 2006 | ASTU/Affiliation/38 (Part I) /2014 /5866, dated 4 th April 2015 | |
| | | Approved Intake | 60 | 60 | 60 | |
| | | Actually Admitted | 60 | 60 | 60 | |

c. STATUS OF APPLICATION

| COURSES INSPECTED FOR | | | | | |
|-----------------------|-----------------------|-----------------------------|----------------|-----------------------------|--|
| Faculty / Subject | Extension of Approval | Increase in Intake of Seats | Remarks | | |
| | | | Current Intake | Proposed increase in Intake | |
| B. Pharm | | Yes | | | |

Note: Enclose relevant documents (Annexure-III)

A –I. 6

Whether other Educational Institutions/Courses are also being run by the Trust / Institution in the same building /campus? If Yes, Give Details: (Annexure - IV)

Yes

No

Signature of the Head of the Institution

Signature of the Inspectors

A – I. 6 a

| Status of the Pharmacy Course: | |
|---------------------------------------|-------------------------------------|
| Independent Building | <input checked="" type="checkbox"/> |
| Wing of another college | <input type="checkbox"/> |
| Separate Campus | <input type="checkbox"/> |
| Multi Institutional Campus | <input checked="" type="checkbox"/> |

**Examining Authority : Controller of Examinations, Assam Science and Technology University,
Guwahati**

**With complete postal Address, Telephone No.
and STD Code. Jalukbari, Guwahati-13, +91- 8135847031**

Signature of the Head of the Institution

Signature of the Inspectors

B - DETAILS OF THE INSTITUTION:

| | | | | | |
|--------------------------------------|-----------------------|--|---|---|--------------------------------------|
| B -I .1 | | | | | |
| Name of the Principal | | | | | |
| Qualification/ Experience | Qualification* | | Teaching Experience Required | Actual experience | Remarks of the Inspectors |
| | M. Pharm | | 15 years, out of which 5 years as Prof. / HOD | Ph.D, 25 Years (Out of which 09 years as. Professor) | |
| | PhD | | 10 years, out of which at least 05 years as Asst. Prof | | |

* Documentary evidence provided: (Annexure-V)

B -I .2

For institution seeking continuation of affiliation:

| Course | Date of last Inspection | Remarks of the Previous Inspection Report | Complied / Not Complied | Intake reduced/Stopped in the last 03 years* |
|-----------------|------------------------------------|--|------------------------------------|---|
| B. Pharm | 16 & 17 May 2014 | No Deficiency | N/A | No |

* Enclose Documents (Annexure-VI)

B -I .3

| | |
|--|-----------------------------------|
| Status of Governing Council: | Society |
| Details of the Governing Body | Enclosed (Annexure-VII. a) |
| Minutes of the last Governing council Meeting | Enclosed (Annexure-VII. b) |

B -I .4

Pay Scales:

| Staff | Scale of pay | | PF | Gratuity | Pension benefit | Remarks of the Inspectors |
|------------------------------------|-------------------------------|-----|-----------|-----------------|----------------------------|--|
| Teaching Staff | AICTE /UGC/State Govt. | Yes | Yes | No | Yes | |
| Non- Teaching Staff | State Government | No | Yes | No | Yes | |

B -I .5

B. Pharm Course: Admission Statement for the Past Three Years

| ACADEMIC YEAR | Year 2014-5 | Year 2015-16 | Year 2016-17 |
|---------------------------------|--------------------|---------------------|---------------------|
| Sanctioned | 60 | 60 | 60 |
| No. of Admissions | 60 | 60 | 60 |
| Unfilled Seats | 0 | 0 | 0 |
| No. of Excess Admissions | 0 | 0 | 0 |

Signature of the Head of the Institution

Signature of the Inspectors

B –I.6

Academic information: Percentage of UG results for the past three years based on University Calendar

| ACADEMIC YEAR | Year 2014-15 | Year 2015-16 | Year 2016-17 |
|----------------------------|---------------------|---------------------|---------------------|
| 1st year | 48.38% | 43.85% | |
| 2nd year | 54.63% | 62.71% | |
| 3rd year | 81.94% | 71.92% | |
| Final year | 75.37% | 79.63% | |
| Pass % (Final Year) | 75.37% | 79.63% | |

B – II**Co – Curricular Activities / Sports Activities**

| | |
|---|-------------------------------|
| Whether college has NSS Unit (Yes/No)? If no give reasons | No, Newly Granted Institution |
| NSS Programme Officer's Name | NA |
| Programme conducted (mention details) | NA |
| Whether students participating in University level cultural activities / Co- curricular/sports activities | Yes |
| Physical Instructor | Not available |
| Sports Ground | Shared |

C - FINANCIAL STATUS OF THE INSTITUTION

Audited financial Statement of Institute should be furnished (Annexure-VIII)

C .1 Resources and funding agencies (give complete list)

C .2 Please provide following Information

| Receipts | | | Expenditure | | | Remarks of the Inspectors |
|----------|--|----------------|----------------------------|--------------------------------|----------------|---------------------------|
| Sl. No. | Particulars | Amount (Lakhs) | Sl. No. | Particulars | Amount (Lakhs) | |
| 1. | Grants a. Government b. Others | NIL NIL | CAPITAL EXPENDITURE | | | |
| 2. | Tuition Fee | 232.25 | 1. | Building | 3.724 | |
| 3. | Library Fee | NIL | 2. | Equipment | 18.51 | |
| 4. | Sports Fee | NIL | 3. | Others | 1.191 | |
| 5. | Union Fee | NIL | REVENUE EXPENDITURE | | | |
| 6. | Others i. From Sales ii. Interest on STD | 0.705 3.144 | 1 | Salary | 136.789 | |
| | | | 2. | MAINTENANCE EXPENDITURE | | |
| | | | | i | College | 0.963 |
| | | | | ii | Others | 6.432 |
| | | | 3. | University Fee (If any) | 2.9 | |
| | | | 4. | Apex Bodies Fee | NIL | |
| | | | 5. | Government Fee | NIL | |
| | | | 6. | Deposit held by the College | NIL | |
| | | | 7. | Others | 37.099 | |
| | | | 8. | Misc.Expenditure | 0.092 | |
| | | | Total | | 197.231 | |
| | Total | 236.099 | | | | |

Note: Enclose relevant documents

Signature of the Head of the Institution

Signature of the Inspectors

PART- II PHYSICAL INFRASTRUCTURE

1. a. Availability of Land (B. Pharm courses) : **Available**
 a) 2.5 acres District HQ/Corporation/Municipality limit
 b) 0.5 acre for City / Metros
- b. Building : **Own**
- c. Land Details to be in name of Trust and Society
 Records to be enclosed
 Sale deed : **Enclosed (Annexure-IX)**
- d. Building[†]:
 i) Approved Building plan, to be enclosed : **Enclosed (Annexure-X)**
- e. Total Built Area of the college building in Sq.mts : Built up Area 3117 Sq.mts
 Amenities and Circulation Area 1358 Sq.mts

2. Class rooms:

Total Number of Class rooms provided at the end of 4 Year Course

| Class | Required Nos | Available Nos | Required Area * for each class room | Available Area in Sq.mts | Remarks of the Inspectors |
|----------|--------------|---------------|--|-------------------------------|---------------------------|
| B. Pharm | 06 | 06 | 6 of 90 Sq.mts Or 4 of 150 sq.mts with Public address System | 79 Sq.mts 79x6= 474 Sq.mts | |

(*To accommodate 100 students).

3. Laboratory requirement at the end of 4 Years

| Sl. No. | Infrastructure for | Requirement as per Norms | Available No. & Area in Sq mts | Remarks/ Deficiency |
|---------|---|---|--|---------------------|
| 1 | Laboratory Area for B.Pharm Course (12 Labs) | 90 Sq .mts x n (n=10) - Including Preparation room - Desirable 75 Sq. mts - Essential | 79 Sq.mts each | |
| 2 | Pharmaceutics Pharmaceutical Chemistry Pharmaceutical Analysis Pharmacology Pharmacognosy Pharmaceutical Biotechnology (Including Aseptic Room) Total no. Laboratories for B.Pharm course | 03 Laboratories 02 Laboratories 01 Laboratory 02 Laboratories 01 Laboratories 01 Laboratory 10 Laboratories * | 03 02 01 02 02 01 11 | |
| 3 | Preparation Room for each lab (One room can be shared by two labs, if it is in between two labs) | 10 sq mts (minimum) | 10 | |
| 4 | Area of the Machine Room | 80-100 Sq.mts | 84 Sq. m. | |
| 5 | Central Instrumentation Room | 80 Sq.mts with A/ C | 80 Sq. m. | |
| 6 | Store Room – I | 1 (Area 100 Sq mts) | 100 Sq. m. | |
| 7 | Store Room - II (For Inflammable chemicals) | 1 (Area 20 Sq mts) | Attached with Store I, 20 Sq.m. | |

*Number of laboratories required for entire course of 4 years.

Signature of the Head of the Institution

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Signature of the Inspectors

† The Institutions will not be permitted to run the courses in rented building on or after 31.12.2008

1. All the Laboratories should be well lit & ventilated
2. All Laboratories should be provided with basic amenities and services like exhaust fans and fume chamber to reduce the pollution wherever necessary.
3. The work benches should be smooth and easily cleanable preferably made of non-absorbent material.
4. The water taps should be non-leaking and directly installed on sinks. Drainage should be efficient.
5. Balance room should be attached to the concerned laboratories.

4. Administration Area:

| Sl.No. | Name of infrastructure | Requirement as per Norms in number | Requirement as per Norms, in area | Available | | Remarks/ Deficiency |
|--------|----------------------------|------------------------------------|-----------------------------------|-----------|-----------------|---------------------|
| | | | | No. | Area in Sq .mts | |
| 1 | Principal's Chamber | 01 | 30 Sq .mts | 01 | 30 | |
| 2 | Office – I - Establishment | 01 | 60 Sq. mts | 01 | 80 | |
| 3 | Office – II - Academics | | | | | |
| 4 | Confidential Room | | | | | |

5. Staff Facilities:

| Sl. No. | Name of infrastructure | Requirement as per Norms in number | Requirement as per Norms, in area | Available | | Remarks/ Deficiency |
|---------|----------------------------------|------------------------------------|-----------------------------------|-----------|--------------------------|---------------------|
| | | | | No. | Area in Sq mts | |
| 1 | HODs for B.Pharm Course | Minimum 4 | 20 Sq mts × 4 | Available | 20 Sq mts × 4= 80 Sq.mts | |
| 2 | Faculty Rooms for B.Pharm course | | 10 Sq mts × n (n=No of teachers) | 10 × 13 | 130 | |

6. Museum, Library, Animal House and other Facilities

| Sl.No. | Name of infrastructure | Requirement as per Norms in number | Requirement as per Norms, in area | Available | | Remarks / Deficiency |
|--------|---|------------------------------------|---|-----------|-----------------|----------------------|
| | | | | No. | Area in Sq. mts | |
| 1 | Animal House | 01 | 80 Sq mts | 01 | 347 | |
| 2 | Library | 01 | 150 Sq mts | 01 | 150 | |
| 3 | Museum | 01 | 50 Sq mts (May be attached to the Pharmacognosy lab) | 01 | 50 | |
| 4 | Auditorium / Multi Purpose Hall (Desirable) | 01 | 250 – 300 seating capacity | 01 | 200 | |
| 5 | Seminar Hall | 01 | | 01 | 130 | |
| 6 | Herbal Garden (Desirable) | 01 | Adequate Number of Medicinal Plants | 01 | 200 | |

7. Student Facilities:

| Sl. No. | Name of infrastructure | Requirement as per Norms in number | Requirement as per Norms, in area | Available | | Remarks / Deficiency |
|---------|---|------------------------------------|--|-----------|-------------------------------------|----------------------|
| | | | | No. | Area in Sq .mts | |
| 1 | Girl's Common Room (Essential) | 01 | 60 Sq.m | 01 | 69 | |
| 2 | Boy's Common Room (Essential) | 01 | 60 Sq.m | 01 | 69 | |
| 3 | Toilet Blocks for Boys | 01 | 24 Sq.mts | 03 | 3 × 30 = 90 Sq. m | |
| 4 | Toilet Blocks for Girls | 01 | 24 Sq.mts | 05 | 5 × 30 = 150 Sq. m | |
| 5 | Drinking Water facility – Water Cooler (Essential). | 01 | | 04 | ----- | |
| 6 | Boy's Hostel (Desirable) | 01 | 9 Sq .mts / Room Single occupancy | 01 | 2000 Sq. m | |
| 7 | Girl's Hostel (Desirable) | 01 | 9 Sq .mts / Room (single occupancy) 20 Sq mts / Room (triple occupancy) | 01 | 2000 Sq. m | |
| 8 | Power Backup Provision (Desirable) | 01 | | 01 | Central Power Generator with 163 KW | |

8. Computer and other Facilities:

| Name | Required | Available | | Remarks of the Inspectors |
|----------------------------------|----------------------------------|----------------------|-----------------|---------------------------|
| | | No. | Area in Sq. mts | |
| Computer Room for B.Pharm Course | 01 (Area 75 Sq mts) | 01 | 150 | |
| Computer (Latest Configuration) | 1 system for every 10 students | 30 (Intel Dual Core) | ----- | |
| Printers | 1 printer for every 10 computers | 06 | ----- | |
| Multi Media Projector | 01 | 04 | ----- | |
| Generator (5 KVA) | 01 | 01 | ----- | |

Signature of the Head of the Institution

Signature of the Inspectors

9. Amenities (Desirable)

| Name | Requirement as per Norms in area | Available | | Not Available | Remarks/ Deficiency |
|-------------------------------------|----------------------------------|---|-----------------|----------------------------------|---------------------|
| | | No. | Area in Sq. mts | | |
| Principal quarters | 80 Sq. mts | NA | | Rented House paid by the Society | |
| Staff quarters | 16 x 80 Sq. mts | NA | | Under Planning | |
| Canteen | 100 Sq. mts | 01 | 400 | | |
| Parking Area for staff and students | | 01 | 1000 | | |
| Bank Extension Counter | | NA | | | |
| Co operative Stores | | 01 | 20 | | |
| Guest House | 80 Sq. mts | 01 | 100 | | |
| Transport Facilities for students | | Available | | | |
| Medical Facility (First Aid) | | Doctor, Nurse Available. First aid available in each laboratory | | | |

10. A. Library books and periodicals

The minimum norms for the initial stock of books, yearly addition of the books and the number of journals to be subscribed are as given below:

| Sl. No. | Item | Titles (No) | Minimum Volumes (No) | Available | | Remarks of the Inspectors |
|---------|--|-------------|---|---|--------------|---------------------------|
| | | | | Title | Numbers | |
| 1 | Number of books | 150 | 1500 adequate coverage of a large number of standard text books and titles in all disciplines of pharmacy | 802 | 6018 | |
| 2 | Annual addition of books | | 100 to 150 books per year | 160 | 462 | |
| 3 | Periodicals Hard copies / online | | 10 National 05 International periodicals | 20 (National) 11 International periodicals | 20 11 | |
| 4 | CDS | | Adequate Nos | Adequate Nos. | 35 | |
| 5 | Internet Browsing Facility | | Yes/No (Minimum ten computers) | Yes | | |
| 6 | Reprographic Facilities: Photo Copier Fax | | 01 01 01 | 01 01 01 | | |

Signature of the Head of the Institution

Signature of the Inspectors

| | | | | | |
|---|--|--|--|----|--|
| | Scanner | | | 01 | |
| 7 | Library Automation and Computerized System Available through SOUL 2.0 Software | | | | |
| 8 | Library Timings 8:30 A.M. to 5:30 P.M. | | | | |

10.B. Library Staff:

| | Staff | Qualification | Required | Available | Remarks of the Inspectors |
|---|---------------------|----------------------|-----------------|------------------|----------------------------------|
| 1 | Librarian | M. Lib | 1 | 01 | |
| 2 | Assistant Librarian | D. Lib | 1 | NA | |
| 3 | Library Attenders | 10 +2 / PUC | 2 | 01 | |

PART III ACADEMIC REQUIREMENTS

Course Curriculum:

1. Student Staff Ratio:

| Theory | | Practicals | | Remarks of the Inspectors |
|----------|-----------|------------|-----------|---------------------------|
| Required | | Available | | |
| Theory | Practical | Theory | Practical | |
| 60:1 | 20:1 | 60:1 | 20:1 | |

(Required ratio --- Theory → 60:1 and Practical → 20:1) If more than 20 students in batch 2 staff members to be present provided the lab is spacious.

2. Scheme of B. Pharm Course:

Annual

Semester

3. Date of Commencement of session / sessions:

| S. No | Academic Session & Semester | Commencements | Completion |
|-------|------------------------------|---------------|------------|
| 1 | 2016 (January-June) Session | 04/01/2016 | 25/06/2016 |
| 3 | 2016 (July-December) Session | 18/07/2016 | Continuing |

4. Vacation:

Summer:

No of Days

Winter:

No of Days

5. Total No. of working days:

6. Time Table:

Time Table for B. Pharm course Enclosed (**Annexure-XI**)

Yes

No

Signature of the Head of the Institution

Signature of the Inspectors

7. Whether the prescribed numbers of classes are being conducted as per university norms

I. B. Pharm: (2015-16 Academic Session)

| Subject | No of Theory Classes | | Practicals | | | Remarks of the Inspectors |
|----------------------------|----------------------|-----------------------|------------------------|-----------------------|--|---------------------------|
| | Prescribed No of Hrs | No of Hours Conducted | Prescribed No of Hours | No of Hours Conducted | No of Classes Conducted to fulfill Prescribed Number of Hours as in Column 5 No. of classes x hours per class | |
| 1 | 2 | 3 | 4 | 5 | | |
| Pharmaceutical Analysis-I | 45 | 49 | 60 | 60 | 15 × 4 | |
| Pharmacognosy-I | 45 | 40 | 60 | 52 | 13 × 4 | |
| Pharmaceutical Chemistry-I | 45 | 40 | 60 | 56 | 14 × 4 | |
| Remedial Mathematics | 45 | 45 | -- | -- | -- | |
| Pharmaceuticals – I | 45 | 41 | 60 | 56 | 14 × 4 | |
| HAP-I | 45 | 41 | 60 | 56 | 14 × 4 | |
| Pharm. Chemistry-II | 45 | 45 | 60 | 56 | 14 × 4 | |
| Maths & Statistics | 45 | 40 | -- | -- | -- | |
| HAP-II | 45 | 48 | 60 | 60 | 15 × 4 | |
| Hospital Pharmacy | 45 | 42 | -- | -- | -- | |
| Pharmacognosy-II | 45 | 41 | 60 | 56 | 14 × 4 | |

II B. Pharm: (2015-16 Academic Session)

| Subject | No of Theory Classes | | Practicals | | | Remarks of the Inspectors |
|---------------------|----------------------|-----------------------|------------------------|-----------------------|--|---------------------------|
| | Prescribed No of Hrs | No of Hours Conducted | Prescribed No of Hours | No of Hours Conducted | No of Classes Conducted to fulfill Prescribed Number of Hours as in Column 5 No. of classes x hours per class | |
| 1 | 2 | 3 | 4 | 5 | | |
| Basic Engineering-I | 45 | 42 | 60 | 52 | 13 × 4 | |
| Pharmacognosy-III | 45 | 42 | 60 | 56 | 14 × 4 | |

Signature of the Head of the Institution

Signature of the Inspectors

| | | | | | | |
|---------------------------------------|----|----|----|----|--------|--|
| Basic Engineering -II | 45 | 45 | 60 | 56 | 14 × 4 | |
| Pharm. Chemistry-III | 45 | 41 | 60 | 52 | 13× 4 | |
| Pharmaceutics-III | 45 | 43 | 60 | 64 | 16 × 4 | |
| Pharmacognosy-IV | 45 | 47 | -- | -- | -- | |
| Pharmaceutics- II | 45 | 40 | 60 | 52 | 13 × 4 | |
| Community Pharmacy & Health Education | 45 | 40 | -- | -- | -- | |
| Computer Application | 45 | 44 | 60 | 60 | 15 × 4 | |
| Pharmacology-I | 45 | 42 | 60 | 56 | 14 × 4 | |
| Pathophysiology of Common Diseases | 45 | 42 | -- | -- | -- | |

III B. Pharm: (2015-2016 Academic Session)

| Subject | No of Theory Classes | | Practicals | | | Remarks of the Inspectors |
|----------------------------|---------------------------|----------------------------|-----------------------------|----------------------------|--|---------------------------|
| | Prescribed No of Hrs 2 | No of Hours Conducted 3 | Prescribed No of Hours 4 | No of Hours Conducted 5 | No of Classes Conducted to fulfill Prescribed Number of Hours as in Column 5 No. of classes x hours per class | |
| Pharmaceutical Chemistry-V | 45 | 41 | 60 | 56 | 14 × 4 | |
| Pharmaceutics-IV | 50 | 40 | 60 | 52 | 13 x 4 | |
| Pharmacognosy- V | 50 | 41 | 60 | 56 | 14 x 4 | |
| Pharmaceutics-V | 45 | 45 | 60 | 52 | 13 x 4 | |
| Pharm. Chemistry-VI | 45 | 45 | 60 | 56 | 14 x 4 | |
| Pharm. Jurisprudence | 45 | 48 | -- | -- | -- | |
| Biochemistry | 45 | 45 | 60 | 56 | 14 x 4 | |

Signature of the Head of the Institution

Signature of the Inspectors

| | | | | | | |
|----------------------|----|----|----|----|-------|--|
| Pharmacology-II | 60 | 57 | 60 | 64 | 16x 4 | |
| Applied Microbiology | 45 | 40 | 60 | 52 | 13x 4 | |
| Pharm. Analysis-II | 45 | 44 | 60 | 56 | 14 x4 | |

IV B. Pharm: (205-2016 Academic Session)

| Subject | No of Theory Classes | | Practicals | | | Remarks of the Inspectors |
|------------------------------|---------------------------|----------------------------|-----------------------------|----------------------------|--|---------------------------|
| | Prescribed No of Hrs 2 | No of Hours Conducted 3 | Prescribed No of Hours 4 | No of Hours Conducted 5 | No of Classes Conducted to fulfill Prescribed Number of Hours as in Column 5 No. of classes x hours per class | |
| Pharmaceutical Biotechnology | 60 | 53 | -- | -- | -- | |
| Pharmaceutics VIII | 60 | 55 | 60 | 60 | 15 x 4 | |
| Pharm. Industrial Management | 45 | 45 | -- | -- | -- | |
| Pharmacology-III | 45 | 49 | 60 | 60 | 15 x 4 | |
| Pharm. Chemistry-VII | 45 | 42 | 60 | 52 | 13 x 4 | |
| Elective Subject | 45 | 43 | -- | -- | -- | |
| Pharmaceutics-IX | 45 | 46 | 60 | 60 | 15 x 4 | |
| Pharm. Analysis-III | 45 | 44 | 60 | 56 | 14 x 4 | |
| Pharm. Chemistry VIII | 45 | 44 | 60 | 52 | 13 x 4 | |
| Pharmacognosy VI | 45 | 49 | 60 | 60 | 15 x 4 | |
| Pharmacology- IV | 45 | 45 | -- | -- | -- | |

8 . Whether Tutorials are being conducted
(If any, as per university norms)

Yes

No

Signature of the Head of the Institution

Signature of the Inspectors

9. Number of Guest Lectures / Seminars / Work shops / Symposia / Presentations conducted during last three years.

A.

| Name of the Event | 2014-15 | 2015-16 | 2016-17 |
|--------------------------|----------------|----------------|----------------|
| Guest Lectures | 5 | 6 | |
| Seminars | 2 | 3 | |
| Workshops | 2 | 1 | |
| Symposia | 0 | 2 | |

B. Papers Presented / Published during last three years

| | Year 2014-15 | | Year 2015-16 | | Year 2016-17 | |
|------------------|---------------------|----------------------|---------------------|----------------------|---------------------|----------------------|
| | National | International | National | International | National | International |
| Published | 06 | 10 | 04 | 18 | -- | -- |
| Presented | 01 | -- | 22 | 01 | -- | -- |

10. Whether Internal Assessments are conducted periodically as per university norms.

Yes No

| Class | I Sessional Dates DD/MM/YY | | II Sessional Dates DD/MM/YY | | III Sessional Dates DD/MM/YY | | Remarks of the Inspectors |
|---------------------|-------------------------------|------------|--------------------------------|------------|---------------------------------|------------|------------------------------|
| | Theory | Practicals | Theory | Practicals | Theory | Practicals | |
| I B. Pharm | 22/02/16 | 22/02/16 | 04/04/16 | 04/04/16 | 16/05/16 | 16/05/16 | |
| II B. Pharm | 22/02/16 | 22/02/16 | 04/04/16 | 04/04/16 | 16/05/16 | 16/05/16 | |
| III B. Pharm | 22/02/16 | 22/02/16 | 04/04/16 | 04/04/16 | 16/05/16 | 16/05/16 | |
| IV B. Pharm | 22/02/16 | 22/02/16 | 04/04/16 | 04/04/16 | 16/05/16 | 16/05/16 | |

11. Whether Evaluation of the internal assessments is Fair Yes No

| Class | No. of Candidates scored more than 80% | | No. of Candidates scored between 60 - 80% | | No. of Candidates scored between 50 - 60% | | No. of Candidates Less than 50% | | Remarks of the Inspectors |
|---------------------|---|----|---|----|---|----|---------------------------------------|----|---------------------------------|
| | Th | Pr | Th | Pr | Th | Pr | Th | Pr | |
| I B. Pharm | 13 | 14 | 29 | 31 | 10 | 08 | 04 | 04 | |
| II B. Pharm | 21 | 27 | 25 | 22 | 09 | 05 | 02 | 02 | |
| III B. Pharm | 14 | 20 | 28 | 24 | 12 | 12 | 05 | 05 | |
| IV B. Pharm | 10 | 15 | 24 | 19 | 11 | 11 | 04 | 04 | |

12. Work load of Faculty Members for B. Pharm

| Sl.No. | Name of the Faculty | Subjects taught | B. Pharm | | Total work load | Specific Remarks of the Inspector |
|--------|--------------------------------|---|----------|----|-----------------|-----------------------------------|
| | | | Th | Pr | | |
| 01 | Dr. Dipankar Saha | Human Anatomy & Physiology – I, Elective Subject | 4 | 12 | 16 | |
| 02 | Dr. Pulak Deb | Pharmaceutics- IV (Pharm. Tech-I) | 3 | 12 | 15 | |
| 03 | Dr. Abdul Baquee Ahmed | Basic Engineering-I (Unit Operations-I), Elective Subject | 4 | 12 | 16 | |
| 04 | Dr. Indranil Chanda | Pharmaceutical Analysis-III | 3 | 12 | 15 | |
| 05 | Mrs. Smriti Rekha Chanda (Das) | Pharm.Chemistry-III (Org. Chem-II), Elective Subject | 5 | 12 | 17 | |
| 06 | Dr. Bhanu Pratap Sahoo | Pharmaceutics-VI (Biopharmaceutics & Pharmacokinetics), Elective Subject | 5 | 12 | 17 | |
| 07 | Mr. Jiban Debnath | Community Pharmacy and Health Education, Pathophysiology of Common Diseases | 6 | - | 6 | |
| 08 | Dr. Bipul Nath | Pharmaceutics-I (Dispensing Pharmacy) | 3 | 12 | 15 | |
| 09 | Mr. Sumit Das | Pharmaceutical Chemistry – I, Med. Chem-III | 4 | 12 | 16 | |
| 10 | Mr. Dibyendu Shil | Pharmacognosy-III, Elective | 4 | 12 | 16 | |
| 11 | Dr. Trishna Das | Pharmacognosy-I | 3 | 12 | 15 | |
| 12 | Dr. Jashabir Chakraborty | Pharmacology-III, Elective Subject | 4 | 12 | 16 | |
| 13 | Mr. Debopratim Dasgupta | Pharm.Analysis-II, Med. Chem-III | 4 | 12 | 16 | |
| 14 | Mr. Bishwajit Dash | Pharm.Chemistry-V (Med. Chem-I), Elective Subject | 4 | 12 | 16 | |
| 15 | Mr. Bhupen Kalita | Pharmaceutics- II (Phy. Pharm-I) | 3 | 12 | 15 | |
| 16 | Dr. Biswajit Das | Applied Microbiology, Pharm. Biotechnology | 6 | 12 | 18 | |
| 17 | Dr. Damiki Laloo | Pharmacognosy-V (Phytochemistry), Elective | 4 | 12 | 16 | |

13. Percentage of students qualified in GATE in the last Three Years (Not applicable)

| Details | Year 2014-15 | Year 2015-16 | Year 2016-17 |
|---------------------------|--------------|--------------|--------------|
| No. of Students Appeared | 7 | 5 | - |
| No. of Students Qualified | 2 | 1 | - |
| Percentage | 28.57 | 20 | - |

14. Whether the Institution has an Industry – Institution Interaction cell Yes No
If applicable please give the details for the previous Year:

| Events | Details for the Previous Year |
|--|-------------------------------|
| No. of Industrial visits | 03 |
| Industrial Tour | 01 |
| Industrial Training | 1 |
| No. of Resource Persons from the Industry for Guest Lectures | 05 |
| No. of Collaboration projects with Industry | NIL |

15. Percentage of students Placed through the College Placement Cell in the Last Three Years (Not applicable)

| Year | Year 2014-15 | Year 2015-16 | Year 2016-17 |
|---|--------------|--------------|--------------|
| No. of students appeared for campus interview | 42 | 25 | |
| % Placed | 76 | 64 | |

16. Whether Professional Society Activities are Conducted (Enclose Details) **No**
(ISTE, IPA, APTI, ICTA and Related Societies)

PART IV - PERSONNEL

TEACHING STAFF:

1. Details of Teaching Faculty for B.Pharm Course to be enclosed in the format mentioned below:

| Sl No | Name | Designation | Qualification | Date of Joining | Teaching Experience | State Pharmacy Council Reg No. | Signature of the faculty | Remarks of the Inspectors |
|-----------------------|------|-------------|---------------|-----------------|---------------------|--------------------------------|--------------------------|---------------------------|
| | | | | | After PG | | | |
| (Annexure XII) | | | | | | | | |

2. Qualification and number of Staff Members

| Qualification | | |
|---------------|-----|--------------------|
| M. Pharm | PhD | Others - Full Time |
| 18 | 11 | NIL |

3. Teaching Staff required year wise exclusively for B.Pharm for intake of 100 Students.

| | No. of staff required | Available |
|---------------------------------------|-----------------------|-----------|
| Pharmaceutical Chemistry | 7 | 5 |
| Pharmaceutical Analysis | 2 | 0 |
| Pharmacology | 4 | 3 |
| Pharmacognosy | 4 | 3 |
| Pharmaceutics | 6 | 6 |
| Pharmacy Practice | 1 | 0 |
| Principal | 1 | 1 |
| Total | 25 | 18 |
| Part time teaching Staff | 3 | 5 |
| Remarks of the Inspection Team | | |

***Part time teaching staff for Mathematics, Biology and Computer Science can be appointed.**

4. **Staff Pattern for B. Pharm courses Department wise / Division wise:**

Professor: Asst. Professor: Lecturer

| Department / Division | Name of the post | For strength of 100 students | Provided by the institution | Remarks of inspection team |
|--|------------------|------------------------------|-----------------------------|----------------------------|
| Department of Pharmaceutics | Professor | 1 | 1 | |
| | Asst. Professor | 2 | 6 | |
| | Lecturer | 3 | 0 | |
| Department of Pharmaceutical Chemistry | Professor | 1 | 0 | |
| | Asst. Professor | 3 | 5 | |
| | Lecturer | 3 | 0 | |
| Department of Pharmacology | Professor | 1 | 0 | |
| | Asst. Professor | 2 | 3 | |
| | Lecturer | 2 | 0 | |
| Department of Pharmacognosy | Professor | 1 | 0 | |
| | Asst. Professor | 1 | 3 | |
| | Lecturer | 2 | 0 | |
| Department of Pharmacy Practice | Asst. Professor | 1 | 0 | |
| | Lecturer | 1 | 0 | |
| Department of Pharmaceutical Analysis | Asst. Professor | 1 | 0 | |
| | Lecturer | 1 | 0 | |

5. **Selection criteria and Recruitment Procedure for Faculty:**

| | | |
|----|---|-----|
| a. | Whether Recruitment Committee has been formed | Yes |
| b. | Whether Advertisement for vacancy is notified in the Newspapers | Yes |
| c. | Whether Demonstration Lecture has been conducted | Yes |
| d. | Whether opinion of Recruitment Committee Recorded | Yes |

6. **Details of Faculty Retention for:**

| Name of Faculty Member | Period | % |
|---|-------------------------------|-------|
| NA | Duration of 15 yrs. and above | |
| NA | Duration of 10 yrs. and above | |
| Dr. Suvakanta Dash Dr. Dipankar Saha Dr. Pulak Deb Dr. Abdul Baquee Ahmed Dr. Indranil Chanda Mrs. Smriti Rekha Chanda Das Mr. Jiban Debnath Dr. Bipul Nath Dr. Bhanu Pratap Sahu Dr. Trishna Das Mr. Sumit Das | Duration of 5 yrs. and above | 83.33 |

Signature of the Head of the Institution

Signature of the Inspectors

| | | |
|---|-------------------------|-------|
| Mr. Dibyendu Shil Mr. Debaprotim Dasgupta Mr. Biswajit Dash Dr. Jashobir Chakraborty | | |
| Mr. Bhupen Kalita Dr. Biswajit Das Dr. Damiki Laloo | Less than 5 yrs. | 16.67 |

7. Details of Faculty Turnover:

| Name of Faculty Member | Period | More than 50% | 50% | 25% | Less than 25% |
|---|--|----------------------|------------|------------|----------------------|
| Lastrikle Bert Swet Saumendu Deb Roy | % of faculty retained in last 3 yrs | √ | | | |

8. Number of Non-teaching staff available for B. Pharm course for intake of 100 Students:

| Sl. No. | Designation | Required (Minimum) | Required Qualification | Available | | Remarks of the Inspection team |
|---------|-----------------------------------|--------------------------|---|-----------|-------------------------------|--------------------------------|
| | | | | Number | Qualification | |
| 1 | Laboratory Technician | 1 for each Dept | D. Pharm | 01 | D.Pharm | |
| 2 | Laboratory Assistants / Attenders | 1 for each Lab (minimum) | SSLC | 10 | MSc., B.Sc & SSLC | |
| 3 | Office Superintendent | 1 | Degree | 01 | B.A | |
| 4 | Accountant | 1 | Degree | 01 | B.Com | |
| 5 | Store keeper | 1 | D. Pharm/ Degree | 01 | D.Pharm | |
| 6 | Computer Data Operator | 1 | BCA / Graduate with Computer Course | 01 | B.E in computer Science | |
| 7 | Office Staff I | 1 | Degree | 01 | MA, LLB | |
| 8 | Office Staff II | 2 | Degree | 02 | MSc | |
| 9 | Peon | 2 | SSLC | 02 | HS | |
| 10 | Cleaning personnel | Adequate | --- | 04 | ----- | |
| 11 | Gardener | Adequate | --- | 02 | ----- | |
| | | | | | | |

9. Scale of pay for teaching faculty (to be enclosed): (Annexure XIII)

| Sl. No | Name | Qualification | Designation | Basic pay Rs. | DA Rs. | HRA Rs. | CCA Rs. | Other allowance Rs. | Deductions | | | Bank A/C No | PAN No | EPF A/c no. | Total | Signature |
|--------|------|---------------|-------------|---------------|--------|---------|---------|---------------------|------------|-----|-----|-------------|--------|-------------|-------|-----------|
| | | | | | | | | | P T | TDS | EPF | | | | | |
| | | | | | | | | | | | | | | | | |

10. Whether facilities for Research / Higher studies are provided to the faculty? YES

(Inspectors to verify documents pertaining to the above)

11. Whether faculty members are allowed to attend workshops and seminars? YES

(Inspectors to verify documents pertaining to the above)

12. Scope for the promotion for faculty: Promotions Yes No

13. Gratuity Provided Yes No

14. Details of Non-teaching staff members (list to be enclosed): Annexure-XIV

| Sl No | Name | Designation | Qualification | Date of Joining | Experience | Signature | Remarks of the Inspectors |
|-------|------|-------------|---------------|-----------------|------------|-----------|---------------------------|
| | | | | | | | |

15. Whether Supporting Staff (Technical and Administrative) are encouraged for skill up gradation programs. YES

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Signature of the Inspectors

PART V - DOCUMENTATION

Records Maintained: Essential

| Sl. No | Records | Yes | No | Remarks of the Inspectors |
|--------|--|-----|----|---------------------------|
| 1 | Admissions Registers | | | |
| 2. | Individual Service Register | | | |
| 3. | Staff Attendance Registers | | | |
| 4. | Sessional Marks Register | | | |
| 5. | Final Marks Register | | | |
| 6. | Student Attendance Registers | | | |
| 7. | Minutes of meetings- Teaching Staff | | | |
| 8. | Fee paid Registers | | | |
| 9. | Acquittance Registers | | | |
| 10. | Accession Register for books and Journals in Library | | | |
| 11. | Log book for chemicals and Equipment costing more than Rupees one lakh | | | |
| 12. | Job Cards for laboratories | | | |
| 13. | Standard Operating Procedures (SOP's) for Equipment | | | |
| 14. | Laboratory Manuals | | | |
| 15. | Stock Register for Equipment | | | |
| 16. | Animal House Records as per CPCSEA | | | |

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Signature of the Inspectors

PART - VI

1. Financial Resource allocation and utilization for the past three years: (Annexure-VIII)
(Audited Accounts for previous year to be enclosed)

| Sl | Expenditure in Rs. (Year 2014-2015) | | | Expenditure in Rs. (Year 2015-2016) | | | Expenditure in Rs. (Year 2016-2017) | | | Remarks of the Inspectors* |
|-----|--|-----------|------------------|--|-----------|------------------|--|-----------|------------------|----------------------------------|
| No. | Total budget sanctioned | Recurring | Non Recurring | Total budget sanctioned | Recurring | Non Returning | Total budget sanctioned | Recurring | Non Returning | |
| | 15034500 | 12220640 | 2752527 | 16403000 | 13643901 | 2550211 | 17208350 | 14196030 | 3012320 | |
| | | | | | | | | | | |

2. Total amount spent on chemicals and glassware for the past three years:

| Sl | Expenditure in Rs. (Year 2014-2015) | | | Expenditure in Rs. (Year 2015-2016) | | | Expenditure in Rs. (Year 2016-2017) | | | Remarks of the Inspectors* |
|-----|--|------------|----------|--|------------|----------|--|------------|----------|----------------------------------|
| No. | Total budget allocated | Sanctioned | Incurred | Total budget allocated | Sanctioned | Incurred | Total budget allocated | Sanctioned | Incurred | |
| | Chemicals & Glassware | 250000 | 220773 | Chemicals & Glassware | 175000 | 167330 | Chemicals & Glassware | 200000 | | |

3. Total amount spent on equipments for the past three years: (AnnexureXV)
(Enclose purchase invoice)

| Sl | Expenditure in Rs. (Year 2014-2015) | | | Expenditure in Rs. (Year 2015-2016) | | | Expenditure in Rs. (Year 2016-2017) | | | Remarks of the Inspectors* |
|-----|--|------------|----------|-------------------------------------|------------|----------|--|------------|----------|----------------------------------|
| No. | Total budget allocated | Sanctioned | Incurred | Total budget allocated | Sanctioned | Incurred | Total budget allocated | Sanctioned | Incurred | |
| | Equipment | 100000 | 21100 | Equipment | 150000 | 119065 | Equipment | 419000 | | |

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4. Total amount spent on Books and Journals for the past three years:

| Sl No. | Expenditure in Rs. (Year 2014-2015) | | | Expenditure in Rs. (Year 2015-2016) | | | Expenditure in Rs. (Year 2016-2017) | | | Remarks of the Inspectors* |
|--------|--|------------|----------|--|------------|----------|--|------------|----------|----------------------------------|
| | Total budget allocated | Sanctioned | Incurred | Total budget allocated | Sanctioned | Incurred | Total budget allocated | Sanctioned | Incurred | |
| 1 | Books | 100000 | 46255 | Books | 200000 | 206568 | Books | 250000 | | |
| 2 | Journals | 60000 | | Journals | 100000 | 90575 | Journals | 222000 | | |

*Last three years including this academic year till the date of inspection

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PART VII – EQUIPMENT AND APPARATUS

Department wise list of minimum equipments required for B. Pharm (for a batch of 20 students)

DEPARTMENT OF PHARMACOLOGY

Equipment:

| Sl. No. | Name | Minimum required Nos. | Available Nos. | Working Yes / No | Remarks of the Inspectors |
|---------|--|--|----------------|------------------|---------------------------|
| 1 | Microscopes | 20 | 20 | Yes | |
| 2 | Haemocytometer with Micropipettes | 20 | 20 | Yes | |
| 3 | Sahli's haemocytometer | 20 | 20 | Yes | |
| 4 | Hutchinson's spirometer | 01 | 01 | Yes | |
| 5 | Spygmomanometer | 10 | 10 | Yes | |
| 6 | Stethoscope | 10 | 10 | Yes | |
| 7 | Permanent Slides for various tissues | One pair of each tissue Organs and endocrine glands One slide of each organ system | 28 | Yes | |
| 8 | Models for various organs | One model of each organ system | 11 | Yes | |
| 9 | Specimen for various organs and systems | One model for each organ system | one | Yes | |
| 10 | Skeleton and bones | One set of skeleton and one spare bone | 01 | Yes | |
| 11 | Different Contraceptive Devices and Models | One set of each device | 01 | Yes | |
| 12 | Muscle electrodes | 01 | 01 | Yes | |
| 13 | Lucas moist chamber | 01 | 01 | Yes | |
| 14 | Myographic lever | 01 | 01 | Yes | |
| 15 | Stimulator | 01 | 01 | Yes | |
| 16 | Centrifuge | 01 | 01 | Yes | |
| 17 | Digital Balance | 01 | 01 | Yes | |
| 18 | Physical /Chemical Balance | 01 | 01 | Yes | |
| 19 | Sherrington's Kymograph Machine / Polyrite | 10 | 10 | Yes | |
| 20 | Sherrington Drum | 10 | 10 | Yes | |

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| | | | | | |
|----|--|-----------------|-----------------|-----|--|
| 21 | Perspex bath assembly (single unit) | 10 | 10 | Yes | |
| 22 | Aerators | 10 | 10 | Yes | |
| 23 | Computer with LCD | 01 | 01 | Yes | |
| 24 | Software packages for experiment | 01 | 01 | Yes | |
| 25 | Standard graphs of various drugs | Adequate number | Adequate number | Yes | |
| 26 | Actophotometer | 01 | 01 | Yes | |
| 27 | Rotarod | 01 | 01 | Yes | |
| 28 | Pole climbing apparatus | 01 | 01 | Yes | |
| 29 | Analgesiometer (Eddy's hot plate and radiant heat methods) | 01 | 01 | Yes | |
| 30 | Convulsiometer | 01 | 01 | Yes | |
| 31 | Plethysmograph | 01 | 01 | Yes | |
| 32 | Digital pH meter | 01 | 01 | Yes | |

Apparatus:

| Sl. No. | Name | Minimum required No.s | Available Nos. | Working Yes / No | Remarks of the Inspectors |
|---------|---|-----------------------|----------------|------------------|---------------------------|
| 1 | Folin-Wu tubes | 60 | 60 | Yes | |
| 2 | Dissection Tray and Boards | 10 | 10 | Yes | |
| 3 | Haemostatic artery forceps | 10 | 10 | | |
| 4 | Hypodermic syringes and needles of size 15,24,26G | 10 | 10 | Yes | |
| 5 | Levers, cannulae | 20 | 20 | Yes | |

NOTE: Adequate number of glassware commonly used in the laboratory should be provided in each laboratory and department.

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DEPARTMENT OF PHARMACOGNOSY**Equipment:**

| Sl. No. | Name | Minimum required Nos. | Available Nos. | Working Yes / No | Remarks of the Inspectors |
|---------|--|-----------------------|----------------|------------------|---------------------------|
| 1 | Microscope with stage micrometer | 20 | 20 | Yes | |
| 2 | Digital Balance | 02 | 02 | Yes | |
| 3 | Autoclave | 02 | 02 | Yes | |
| 4 | Hot air oven | 02 | 02 | Yes | |
| 5 | B.O.D.incubator | 01 | 01 | Yes | |
| 6 | Refrigerator | 01 | 01 | Yes | |
| 7 | Laminar air flow | 01 | 01 | Yes | |
| 8 | Colony counter | 02 | 02 | Yes | |
| 9 | Zone reader | 01 | 01 | Yes | |
| 10 | Digital pH meter | 01 | 01 | Yes | |
| 11 | Sterility testing unit | 01 | 01 | Yes | |
| 12 | Camera Lucida | 20 | 20 | Yes | |
| 13 | Eye piece micrometer | 20 | 20 | Yes | |
| 14 | Incinerator | 01 | 02 | Yes | |
| 15 | Moisture balance | 01 | 01 | Yes | |
| 16 | Heating mantle | 20 | 20 | Yes | |
| 17 | Flourimeter | 01 | 01 | Yes | |
| 18 | Vacuum pump | 02 | 02 | Yes | |
| 19 | Micropipettes (Single and multi channeled) | 05 | 05 | Yes | |
| 20 | Micro Centrifuge | 01 | 01 | Yes | |
| 21 | Projection Microscope | 01 | 01 | Yes | |

Apparatus:

| Sl. No. | Name | Minimum required Nos. | Available Nos. | Working Yes / No | Remarks of the Inspectors |
|---------|-----------------------------|-----------------------|----------------|------------------|---------------------------|
| 1 | Reflux flask with condenser | 20 | 20 | Yes | |
| 2 | Water bath | 20 | 20 | Yes | |
| 3 | Clavengers apparatus | 10 | 14 | Yes | |
| 4 | Soxhlet apparatus | 10 | 10 | Yes | |
| 6 | TLC chamber and sprayer | 10 | 10 | Yes | |
| 7 | Distillation unit | 01 | 01 | Yes | |

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DEPARTMENT OF PHARMACEUTICAL CHEMISTRY**Equipment:**

| Sl. No. | Name | Minimum required Nos. | Available Nos. | Working Yes / No | Remarks of the Inspectors |
|---------|---------------------------------------|-----------------------|----------------|------------------|---------------------------|
| 1 | Hot plates | 05 | 05 | Yes | |
| 2 | Oven | 03 | 03 | Yes | |
| 3 | Refrigerator | 01 | 01 | Yes | |
| 4 | Analytical Balances for demonstration | 05 | 06 | Yes | |
| 5 | Digital balance 10mg sensitivity | 10 | 10 | Yes | |
| 6 | Digital Balance (1mg sensitivity) | 01 | 01 | Yes | |
| 7 | Suction pumps | 06 | 06 | Yes | |
| 8 | Muffle Furnace | 01 | 01 | Yes | |
| 9 | Mechanical Stirrers | 10 | 10 | Yes | |
| 10 | Magnetic Stirrers with Thermostat | 10 | 10 | Yes | |
| 11 | Vacuum Pump | 01 | 01 | Yes | |
| 12 | Digital pH meter | 01 | 01 | Yes | |
| 13 | Microwave Oven | 02 | 02 | Yes | |

Apparatus:

| Sl. No. | Name | Minimum required Nos. | Available Nos. | Working Yes / No | Remarks of the Inspectors |
|---------|---|-----------------------|----------------|------------------|---------------------------|
| 1 | Distillation Unit | 02 | 03 | Yes | |
| 2 | Reflux flask and condenser single necked | 20 | 22 | Yes | |
| 3 | Reflux flask and condenser double / triple necked | 20 | 10 | Yes | |
| 4 | Burettes | 100 | 100 | Yes | |
| 5 | Arsenic Limit Test Apparatus | 25 | 25 | Yes | |
| 6 | Nessler's Cylinders | 50 | 50 | Yes | |

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DEPARTMENT OF PHARMACEUTICS**Equipment:**

| Sl. No. | Name | Minimum Required Nos. | Available Nos. | Working Yes / No | Remarks of the Inspectors |
|---------|--|-----------------------|----------------|------------------|---------------------------|
| 1 | Mechanical stirrers | 20 | 20 | Yes | |
| 2 | Homogenizer | 10 | 10 | Yes | |
| 3 | Digital balance | 05 | 05 | Yes | |
| 4 | Microscopes | 10 | 10 | Yes | |
| 5 | Stage and eye piece micrometers | 15 | 15 | Yes | |
| 6 | Brookfield's viscometer | 01 | 01 | Yes | |
| 7 | Tray dryer | 01 | 01 | Yes | |
| 8 | Ball mill | 01 | 02 | Yes | |
| 9 | Sieve shaker with sieve set | 01 | 01 | Yes | |
| 10 | Double cone blender | 01 | 01 | Yes | |
| 11 | Propeller type mechanical agitator | 05 | 05 | | |
| 12 | Autoclave | 01 | 01 | Yes | |
| 13 | Steam distillation still | 01 | 01 | Yes | |
| 14 | Vacuum Pump | 01 | 01 | | |
| 15 | Standard sieves, sieve no. 8, 10, 12,22,24, 44, 66, 80 | 10 sets | 10 set | Yes | |
| 16 | Tablet punching machine | 01 | 01 | Yes | |
| 17 | Capsule filling machine | 01 | 01 | Yes | |
| 18 | Ampoule washing machine | 01 | 01 | Yes | |
| 19 | Ampoule filling and sealing machine | 01 | 01 | Yes | |
| 20 | Tablet disintegration test apparatus IP | 02 | 02 | Yes | |
| 21 | Tablet dissolution test apparatus IP | 01 | 01 | Yes | |
| 22 | Monsanto's hardness tester | 02 | 05 | Yes | |
| 23 | Pfizer type hardness tester | 01 | 05 | Yes | |
| 24 | Friability test apparatus | 01 | 01 | Yes | |
| 25 | Clarity test apparatus | 01 | 01 | Yes | |
| 26 | Ointment filling machine | 01 | 01 | Yes | |
| 27 | Collapsible tube crimping machine | 01 | 01 | Yes | |
| 28 | Tablet coating pan | 01 | 01 | Yes | |

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| | | | | | |
|----|---|---------------|---------------|-----|--|
| 29 | Magnetic stirrer, 500ml and 1 liter capacity with speed control | 05 EACH 10 | 05 EACH 10 | Yes | |
| 30 | Digital pH meter | 01 | 01 | Yes | |
| 31 | All purpose equipment with all accessories | 01 | 01 | Yes | |
| 32 | Aseptic Cabinet | 01 | 01 | Yes | |
| 33 | BOD Incubator | 02 | 02 | Yes | |
| 34 | Bottle washing Machine | 01 | 01 | Yes | |
| 35 | Bottle Sealing Machine | 01 | 01 | Yes | |
| 36 | Bulk Density Apparatus | 02 | 02 | Yes | |
| 37 | Conical Percolator (glass/ copper/ stainless steel) | 10 | 10 | Yes | |
| 38 | Capsule Counter | 02 | 02 | Yes | |
| 39 | Energy meter | 02 | 02 | Yes | |
| 40 | Hot Plate | 02 | 02 | Yes | |
| 41 | Humidity Control Oven | 01 | 01 | Yes | |
| 42 | Liquid Filling Machine | 01 | 01 | Yes | |
| 43 | Mechanical stirrer with speed regulator | 02 | 02 | Yes | |
| 44 | Precision Melting point Apparatus | 01 | 01 | Yes | |
| 45 | Distillation Unit | 01 | 01 | Yes | |

Apparatus:

| Sl. No. | Name | Minimum required Nos. | Available Nos. | Working Yes / No | Remarks of the Inspectors |
|---------|--|-----------------------|----------------|------------------|---------------------------|
| 1 | Ostwald's viscometer | 20 | 20 | Yes | |
| 2 | Stalagmometer | 20 | 20 | Yes | |
| 3 | Desiccator* | 10 | 10 | Yes | |
| 4 | Suppository moulds | 20 | 20 | Yes | |
| 5 | Buchner Funnels (Small, medium, large) | 05 each | 05 each | Yes | |
| 6 | Filtration assembly | 01 | 01 | Yes | |
| 7 | Permeability Cups | 05 | 05 | Yes | |
| 8 | Andreason's Pipette | 05 | 06 | Yes | |
| 9 | Lipstick moulds | 10 | 10 | Yes | |

Note: Adequate number of glassware commonly used in the laboratory should be provided in each laboratory and department

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PHARMACEUTICAL BIOTECHNOLOGY

| Sl. No. | Name | Minimum required Nos. | Available Nos. | Working Yes / No | Remarks of the Inspectors |
|---------|---|-----------------------|--------------------|------------------|---------------------------|
| 1 | Orbital shaker incubator | 01 | 01 | Yes | |
| 2 | Lyophilizer (Desirable) | 01 | Nil | | |
| 3 | Gel Electrophoresis (Vertical and Horizontal) | 01 | 01 | Yes | |
| 4 | Phase contrast/Trinocular Microscope | 01 | 01 | Yes | |
| 5 | Refrigerated Centrifuge | 01 | 01 | Yes | |
| 6 | Fermenters of different capacity (Desirable) | 01 | Nil (as desirable) | | |
| 7 | Tissue culture station | 01 | 01 | Yes | |
| 8 | Laminar airflow unit | 01 | 01 | Yes | |
| 9 | Diagnostic kits to identify infectious agents | 01 | 02 | Yes | |
| 10 | Rheometer | 01 | 01 | Yes | |
| 11 | Viscometer | 01 | 01 | Yes | |
| 12 | Micropipettes (single and multi channeled) | 01 each | 01 | Yes | |
| 13 | Sonicator | 01 | 01 | Yes | |
| 14 | Respinometer | 01 | 01 | Yes | |
| 15 | BOD Incubator | 01 | 01 | Yes | |
| 16 | Paper Electrophoresis Unit | 01 | 01 | Yes | |
| 17 | Micro Centrifuge | 01 | 01 | Yes | |
| 18 | Incubator water bath | 01 | 01 | Yes | |
| 19 | Autoclave | 01 | 01 | Yes | |
| 20 | Refrigerator | 01 | 01 | Yes | |
| 21 | Filtration Assembly | 01 | 01 | Yes | |
| 22 | Digital pH meter | 01 | 01 | Yes | |

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Signature of the Inspectors

CENTRAL INSTRUMENTATION ROOM:

| Sl. No. | Name | Minimum required Nos. | Available Nos. | Working Yes / No | Remarks of the Inspectors |
|---------|--|-----------------------|----------------|------------------|---------------------------|
| 1 | Colorimeter | 01 | 01 | Yes | |
| 2 | Digital pH meter | 01 | 01 | Yes | |
| 3 | UV- Visible Spectrophotometer | 01 | 01 | Yes | |
| 4 | Flourimeter | 01 | 01 | Yes | |
| 5 | Digital Balance (1mg sensitivity) | 01 | 01 | Yes | |
| 6 | Nephelo Turbidity meter | 01 | 01 | Yes | |
| 7 | Flame Photometer | 01 | 01 | Yes | |
| 8 | Potentiometer | 01 | 01 | Yes | |
| 9 | Conductivity meter | 01 | 01 | Yes | |
| 10 | Fourier Transform Infra Red Spectrometer (Desirable) | 01 | 01 | | |
| 11 | HPLC | 01 | 01 | Yes | |
| 12 | HPTLC (Desirable) | 01 | Nil | | |
| 13 | Atomic Absorption and Emission spectrophotometer (Desirable) | 01 | Nil | | |
| 14 | Biochemistry Analyzer (Desirable) | 01 | 01 | Yes | |
| 15 | Carbon, Hydrogen, Nitrogen Analyzer (Desirable) | 01 | Nil | | |
| 16 | Deep Freezer (Desirable) | 01 | 01 | Yes | |
| 17 | Ion- Exchanger | 01 | 01 | Yes | |
| 18 | Lyophilizer (Desirable) | 01 | 01 | Yes | |

Signature of the Head of the Institution

Signature of the Inspectors

Observation of the Inspectors:

Compliance of the last recommendations by Inspectors

Specific observations if not complied

Signature of Inspectors:

1.

2.

Note:

- 1. The Inspection Team is instructed to physically verify the details and records filled up by the college in the application form submitted by the college, which is with you now and record the observations, opinions and recommendations in clear and explicit terms.**
- 2. The team is requested to record their comments only after physical verification of records and details.**

Signature of the Head of the Institution

Signature of the Inspectors