

**Government permission**

**PONDICHERRY UNIVERSITY**  
**NORMS FOR AFFILIATION**

**2006**

**These norms may be treated as the guidelines for the minimum requirements to be possessed by the College/Institutions for seeking affiliation with Pondicherry University.**

**COMMON BASIC CRITERIA FOR OBTAINING AFFILIATION**

**Management**

Government or a Society registered under the Societies 'Registration Act 1860 (21 of 1860) or a Trust with Trustees being appointed and vested with legal powers and duties and create a non-transferable Endowment Fund in the name of the Society or Trust as the case may be.

Should have obtained NOC from the respective State Government

**Statutory body approval**

- (i) Approval of respective statutory bodies like AICTE, MCI, NCTE should have been obtained.
- (ii) Wherever special status like 'Minorities' etc is claimed approval of the respective statutory body like "Minorities Commission" should have been obtained

**Endowment Creation**

The University may fix the quantum of endowment keeping in view the adequacy of the financial position of the college after taking into account the Government grant. The endowment should be created accordingly.

**Own Land**

The Society / Trust should own adequate land exclusively for the college. Documentary proof for ownership of lands exclusively earmarked for the college and Legal opinion from the Government pleader on the ownership of land and extent of coverage should be produced .

**Financial Stability**

Documents showing the financial viability of the college (details of budgeted revenue and expenses statement) should be produced

## B.P.T.

<b>Requirements</b>	<b><u>Land</u></b>
<p><b><u>Essential:</u></b> Urban area – 5 Acres of undivided land Other areas - 7 Acres of undivided land</p> <p>In case, the proposed college is to be attached to a recognized Medical College &amp; Hospital, the undivided land of 2 acres in urban area and 3 acres in other areas is required for Physiotherapy College.</p>	
	<b><u>Endowment Creation</u></b>
<p><b><u>Essential:</u></b> 30,00,000/- (50% in Cash &amp; 50% in Property)</p>	
	<b><u>Class Room/Lecture room</u></b>
<p><b><u>Essential:</u></b> The built-up area for the college should be 25,000 sq.ft. for conducting the entire B.P.T. course. The unitary building is preferred.</p> <p>The built up area for Hospital should be as per the Medical Council of India norms for the capacity detailed below.</p> <ol style="list-style-type: none"><li>1) Lecture Halls (40' X 20') – 4 Nos.</li><li>2) Anatomy + Physiology Museums (20' X 40') – 2 Nos.</li><li>3) Microbiology &amp; Biochemistry labs ( 20' X 30') - 2 No.</li><li>4) Exercise therapy lab (60' X 20') - 2 Nos.</li><li>5) Electrotherapy lab (60' X 20') - 2 Nos.</li><li>6) Walking schools (40' X 20') - 1 No.</li><li>7) Therapeutic Massage lab (20' X 20') – 1 No.</li><li>8) Chest physiotherapy lab ( 20' X 20') - 1 No.</li><li>9) Multipurpose hall (to accommodate 100 students for seminars, exams, indoor games etc.,) (30' X 100') - 1 No.</li><li>10) Library Hall (a/w reading hall) (40' X 60') - 1 No.</li><li>11) Prosthetic &amp; Orthotics museum (10' X 20') - 1 No.</li><li>12) Computer lab (30' X 30') – 1 No.</li><li>13) Toilets (male &amp; female) (20' X 20') – 2 Nos.</li></ol> <p><b><u>Desirable:</u></b></p> <ol style="list-style-type: none"><li>1) Principal room (20' X 20') - 1 No.</li><li>2) Office room (40' X 20') - 1 No.</li><li>3) Staff rooms with attached toilets (20' X 20') - 6 Nos.</li><li>4) Student's common rooms (30' X 40') - 2 Nos.</li><li>5) Audio-Visual aids room (20' X 20')-1 No.</li><li>6) Store room (10' X 20') – 1 No.</li></ol>	

## Hospital

### Essential:

At the time of applying to the University for starting the BPT course, tie-up arrangement may be made, if own hospital is not available, with a hospital of capacity not less than 200 beds with the department-wise bed strength same as mentioned for the own hospital. The tie-up hospital should be within a radius of five kilometers.

At the time of starting III year BPT course, the trust/society should :

i) own a hospital of capacity not less than 200 beds with the department-wise strength as mentioned below :

1. Medicine & Surgery (includes ICU) – 70 beds
2. Orthopedics – 30 beds
3. Neurology – 20
4. Chest & Thoracic Medicine – 20
5. Pediatrics – 20
6. Obstetrics & Gynecology – 20
7. Physiotherapy & Rehabilitation – 20     **Total 200 beds**

ii) make tie-up facility with a Community/primary Health Centre (not with sub-centres) for Community health & Physiotherapy services, and with a veterinary hospital for veterinary physiotherapy training.

### **Community Training / Field Visits :**

The following are essential for training at community health centres :

1. Transportation : A van/bus with respective seating capacity for the students.
2. Physiotherapy modalities (in the van/field set-up) like: Infra red lamps, pocket T.E.N.S., electrical muscle stimulator, weights & pulleys, static traction kit, bandages & slings, walking aids, detachable parallel bars etc.

## Laboratories

### Essential:

#### 1. Treatment tables :

- |                    |   |    |
|--------------------|---|----|
| a) Wooden Couches  | - | 10 |
| b) Plinths         | - | 4  |
| c) Exercise mats   | - | 4  |
| d) Tilt table      | - | 2  |
| e) Segmented table | - | 4  |
| f) High stools     | - | 60 |
| g) Foot stools     | - | 10 |
2. Suspension therapy apparatus – 2 (With all accessories including springs & pulleys)
  3. Quadriceps table with accessories – 2
  4. Mariner's wheel – 2

5. Parallel bars on gait platform – 2
6. Posture correction mirror – 2
7. Wall ladder & finger ladder – 2
8. Overhead pulleys – 2
9. Inclined re-education table & board – 2
10. Finger exercise board – 2
11. Ankle & foot exerciser – 2
12. Menell's apparatus – 2
13. Supinator & pronator apparatus – 2
14. Mechanical weights, pulleys & springs – 2
15. Goniometers, pelvic inclinometers, anthropometric tools – 2 sets.
16. Massage plinths, lubricants tray, drape sheets, soft pads, bolsters – 2
17. Rowing machine – 2
18. Gait school : Cerebral palsy children – sitting & standing frames, walkers, crutches, canes, staircase & ramp with parallel bars. – 2 sets.
19. Multi gymnasium unit – 1
20. Aquatic therapy unit – 1
21. Short-wave diathermy machine – 1
22. Electronic traction unit with split traction table – 2
23. Electrical muscle stimulators – 10
24. Transcutaneous electrical nerve stimulator – 10
25. Interferential therapy unit – 2
26. Ultrasound therapy machine – 2
27. Wab (paraffin) tub with accessories – 2
28. Hydro collator unit – 2
29. Continuous passive mobiliser – 2
30. Static cycle ergometer – 2
31. Treadmill – 2
32. Balance training units : Wobble board, plyometrics – 2 each
33. Nebulisers & Aerosol therapy unit – 2
34. Pulse oximeters – 2
35. Incentive spirometer – 20
36. Peak expiratory flow meter – 20
37. Suction apparatus – 2
38. Sputum cups, drape sheets, disinfectants etc.
39. Spirometer – 2
40. Soft LASER – 1
41. E.M.G. Biofeedback – 1
42. Posture assessment unit : spondylometer – 1

**Audio-Visual Aids :**

- a) Public address system – audio – tape player – 1
- b) Overhead projectors – 2
- c) Slide Projectors – 1
- d) L.C.D. multimedia projector – 1

## Library

### Essential:

#### **a) Books & Journals :**

- i) Basic & allied health sciences books - 200 titles
- ii) Physiotherapy books - 500 titles
- iii) Physiotherapy journals - 2
- iv) Allied Medical journals (Orthopaedics / Paediatrics / Medical / Community Health) - 5

#### **b) Virtual Library :**

- i) Computers (for physiotherapy students' use) - 3
- ii) Educational C.D.'s/DVDs
- iii) Internet facilities

#### **c) Magazines, newsletters and newspapers**

## Faculty (Student Teacher Ratio)

### Essential:

#### **Staff Pattern :**

Minimum requirement for the intake of 20 students or less, and for the maximum intake of 40 students are as below :

#### **I. (For Intake of 20 students)**

##### **(a) Teaching (Full-Time) :**

- 1. Professor-cum-principal – 1
- 2. Readers/Associate Professors – 4
- 3. Assistant professor – 6
- 4. Tutors/Clinical Demonstrators – 10

Essential – 1 (At the time of applying to the University) :

- 1. Professor-cum-principal – 1
- 2. Readers/Associate Professors – 2
  
- 3. Assistant professor – 3
- 4. Tutors/Clinical Demonstrators – 4

#### **II. (For Intake of 21-40 students)**

##### **(a) Teaching (Full-Time) :**

- 1. Professor-cum-principal – 2
- 2. Readers/Associate Professors – 5
- 3. Assistant professor – 8
- 4. Tutors/Clinical Demonstrators – 20

Essential – 1 (At the time of applying to the University) :

1. Professor-cum-principal – 2
2. Readers/Associate Professors – 5
3. Assistant professor – 7
4. Tutors/Clinical Demonstrators – 12

(For clinical tutors, student-teacher ratio should be 1:10)

Essential-II: (Before starting III year course) – Total staff pattern as above.

(a) Teaching (Part-time) :

# **Associate Professors** or at least Specialist Gr.II in the following specialities :

1. Psychology – 1
2. Sociology – 1
3. Anatomy – 2 or 1 full time
4. Physiology – 2 or 1 full time
5. Biochemistry – 1
6. Microbiology – 1
7. Pathology – 1
8. Nursing – 1
9. Medicine – 2
10. Plastic Surgery – 1
11. Paediatrics – 1
12. Pharmacology – 1
13. Ophthalmology – 1
14. Rhino-oto-laryngology – 1
15. Obstetrics & Gynaecology – 1
16. Rehabilitation Medicine – 1
17. Radiology- 1

# **Assistant Professors/lecturers** in the following departments :

18. Physics – 1
19. Computer Science – 1
20. English – 1
21. Nutrition – 1

Note :

Essential – 1 : (at the time of applying) – Sl.No.1 to 14, 18 to 21.

Essential – II : (at the time of starting III year course) – Sl.No.15 to 17.

#### **Computer Centre/Facility**

##### **Essential:**

Adequate Hardware and Soft ware facilities with Internet connections. Minimum 100 computers should be available in the first year itself.

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No. of Terminals : Terminal-Student Ratio = 1:4

Hardware : P4 or the above

Licensed software : System software 2; Application Software 4

Peripherals : Printer – Terminal Ratio = 1:10

### Student Hostel

#### Desirable:

If the opening of a new college is to cover the students in the surrounding area, adequate hostel facilities should be provided, hostel accommodation must also be according to norms prescribed by the UGC.

Boys : 25% of students

Girls : 50% of students

The hostel for men and women should be separate with proportionate intake. The capacity of rooms may be single, doubles or triples. The rooms should have electrical fittings and essential furniture (table, chair, cots, mirror), toilet and bathrooms in each wing of the floor with 1:6 ratios. Pantry must be provided separately for each hostel.

The hostel may be common if attached with a Medical college hostel for boys/girls, as the case may be, but sufficient number of rooms should be allotted for the Physiotherapy students.

### Essential Service

Adequate facilities for essential service (Water, electricity and sewerage facilities be provided in all the buildings)

#### Desirable:

Permanent Electrical connection with 10 KVA.

Electrical Generator – 5 KVA

Potable water supply system – 120 Lt/day

### Other amenities

#### Essential:

(a) One **playground** for outdoor games (cricket/foot ball, badminton, volley ball, basket ball etc.,) with surrounding tracks for athletic events should be available. It may be common for other courses, if any conducted by the Trust/Society. Sports & game supply materials for BPT students; facilities for Physical Education & Sports Physiotherapy are essential.

#### (b) Audio – Visual Aids :

i) Public address system – audio – tape player – 1

ii) Overhead projectors (2) & slide projectors (1) - 2+1

iii) L.C.D. multimedia projector – 1

(c) Ramps be provided in the building for the Physically handicapped

(d) Separate common rooms for girls and boys be provided in co-educational colleges.

(e) There should be separate toilets for girls

(f) Adequate accommodation be provided for Principal's Office, Bursar's Office and for administrative staff.

(g) There should be a staff room of a proper size

(h) Certificate for fire safety

(i) Auditorium

(j) Seminar Hall

(k) Canteen

(l) Parking space : This will be provided as open or covered area at the rate of 15 percent of the plinth area of the institute building

(m) Adequate arrangements for meeting Emergency medical requirements should be available within the campus.

**Desirable:**

(a) Auditorium

(b) Seminar Hall

(c) All Weather approach Road – Minimum 4m wide

(d) Staff Quarters for Teachers : Flat type accommodation for atleast 25% of the teachers along with certain common facilities. If the college is to be established in a remote area, higher percentage of teachers may be provided with accommodation in order to facilitate their participation in the corporate life of the college

(e) Furniture : i. Adequate in numbers to the strength of students and staff in classrooms, common/rest rooms, laboratories, library etc.

ii. Book shelves (lock type) adequate to students' strength

iii. Black/White/Green glass boards in all class rooms & laboratories.

iv. Notice boards & bulletin boards.

v. Steel cabinet/almirah – one for each teaching faculty

vi. Storage racks sufficiently