

# *Bachelor in Prosthetics and Orthotics*

**(B.P.O.) -UG-AHS**

Affiliated to [TN Dr. MGR Medical University](#), Guindy, Chennai-32

Approved by [Rehabilitation Council of India](#), New Delhi

## **ADMISSION PROSPECTUS** **2023-24**



*(This Degree is as per UGC Notification on Specifications of Degrees March 2014 as published in the Gazette of India, July 5, 2014)*



**ISHWAR Institute of Prosthetics & Orthotics**

**Chennai -40**

## **About ISHWAR Institute of Prosthetics & Orthotics (IIPO)**

The ISHWAR Institute of Prosthetics and Orthotics (IIPO) is situated in Annanagar, Chennai, about 18 Kms from the Chennai Airport and about 8 Kms from the Puratchi Thalaivar Dr. M.G. Ramachandran Central Railway Station, commonly known as Chennai Central Railway Station.

It is one of the premier and first Prosthetics and Orthotics College offering Undergraduate Degree (AHS – P&O) in Chennai affiliated to TN Dr. MGR Medical University, Guindy, Chennai that is the second largest Health Sciences University in India.

IIPO started its first academic batch of Bachelor Course in Prosthetics & Orthotics in the AY 2012-13.

Currently, IIPO is in its 12<sup>th</sup> batch of the course running successfully with continuous improvement every year in the academics. The 1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup>, 4<sup>th</sup>, 5<sup>th</sup> and 6<sup>th</sup> batch passed out students is successfully placed through Campus in various reputed organizations and have strong alumni of 51 professionals. Currently, a total of 42 Students are studying in various batches with 15 Students as an Intern.

In its past 12 years, IIPO continuously strived for betterment in students quality of learning process with the improvement in teaching methodology as well as individual mentoring of the students is in place. The student's clinical placements are regularly monitored and time to time they are taken to field visits as well as the participation in National conference in Prosthetics & Orthotics. The students internship are posted in various locations and with more students in coming batches, this will be further diversified.

The College is committed for educational excellence in Prosthetic & Orthotic learning.

## **About Prosthetics & Orthotics (UG-AHS)**

Prosthetics and Orthotics is a specialized health care profession, which combines a unique blend of clinical and technological skills. The Prosthetic and Orthotic Professionals assess and evaluate patients, prescribe custom design, fabricate, and fit the orthoses and prostheses. Prosthetics and Orthotics Professionals make the patient independent, confident and useful member of the society through comprehensive prosthetic and orthotic management

**OBJECTIVES of the BPO Course:** At the end of the BPO Course, the learner shall be able to:

1. Assess, prescribe and provide comprehensive prosthetic and orthotic management to the individual and the community appropriate to his/her position as a member of the health care team.
2. Appreciate the psycho-social, cultural, economic, and environmental factors affecting health, and develop humane attitude towards the patients/relatives, in discharging one's professional responsibilities
3. Be familiar with the various National policies and acts related to empowerment of Persons with Disabilities.
4. Practice prosthetics & orthotics ethics in patient care, service delivery, and research.

### **DURATION OF THE BPO Course**

Annual (yearly) Pattern Four and half academic years (inclusive of 6 months of internship)

### **AWARD OF THE DEGREE**

After successful completion of all examinations and internship, candidates will be awarded with degree of Bachelor in Prosthetics and Orthotics (B.P.O.) by The TN Dr. MGR Medical University.

### BPO Curriculum (Learning Outcome Based)

Year of Study	Subject	Theory Marks	Practical Marks	Total Marks
<b>FIRST</b>	Anatomy	100	00	100
	Physiology	100	00	100
	Biomechanics I	100	00	100
	Prosthetics Science I	100	100	200
	Orthotics Science I	100	100	200
	Workshop Technology & Materials Science	100	00	100
	Applied Mechanics & Strength of Materials	100	00	100
	Basic Electronics	100	00	100
<b>SECOND</b>	Pathology	100	00	100
	Orthopaedics, Amputation Surgery & Imaging Science	100	00	100
	Pharmacology	100	00	100
	Community Rehabilitation & Disability Prevention	100	00	100
	Psychology & Sociology	100	00	100
	Biomechanics II	100	00	100
	Prosthetic Science-II	100	100	200
	Orthotic Science-II	100	100	200
<b>THIRD</b>	Computer Science & graphical communication	100	100	200
	Assistive Technology	100	00	100
	Research Methodology & Bio Statistics	100	00	100
	Bio-Mechanics III	100	00	100
	Prosthetic Science-III	100	100	200
	Orthotic Science-III	100	100	200
<b>FOUR</b>	Management & Administration	100	00	100
	Project Work	00	100	100
	Prosthetics Clinical Practice	00	200	200
	Orthotics Clinical Practice	00	200	200
	Prosthetics Science-IV	100	100	200
	Orthotic Science-IV	100	100	200

## **ELIGIBILITY FOR ADMISSION TO THE BPO (UG-DEGREE) COURSE**

### **1) REGULAR Admission Candidates (for 12<sup>th</sup> Science passed /appearing)**

A Candidate who has passed 10+2/HSC/Intermediate/12<sup>th</sup> in science or equivalent with Physics, Chemistry, Biology (or Botany & Zoology) / Mathematics/Computer Science and English with minimum aggregate of 50% marks will be eligible for admission to this course.

Relaxation and reservation for SC/ST/OBC/PwD and other categories shall be as per the rules/instructions of the Tamilnadu Govt.

The Candidates should have passed in all subjects of the qualifying examination of Higher Secondary Certificate Examination (Academic) conducted by the Tamilnadu State Board or Other State Board or CBSE Board or ICSE Board or CISCE board or CBHE board or any other equivalent examination like NIOS.

**Age Limit:** A candidate should have completed the age of 17 years at the time of admission or would complete the age on or before 31 December of the year of admission to the B.P.O. degree courses.

### **2) LATERAL ENTRY Admission Candidates (for Diploma in Prosthetics and Orthotics (D.P.O.))**

Candidates who have passed D.P.O. from a RCI recognized institute shall be eligible for admission directly in 3rd year i.e., 5th Semester of B.P.O. Programme.

Admissions will be on the availability of the seats within sanctioned seats by the Council and University.

In-service candidates may be permitted to undergo internship at their parent organization.

Admission process as per TN Dr. MGR Medical University norms

**SCHOLARSHIP:** As Per Applicable Norms

(Please Check Eligibility, <https://scholarships.gov.in/>)

### **COMMENCEMENT OF THE COURSE:**

1) REGULAR BPO Classes - 4<sup>th</sup> September 2023(Monday)

2) LATERAL ENTRY BPO Classes – 3<sup>rd</sup> October 2023(Tuesday)

### Seat Distribution for Admission to the BPO Course:

#### a) REGULAR BPO Candidates – Total 20 Seats

Sl. No.	Category	Admission Seats available
1	Tamilnadu Candidates	08 Seats
2	North East States and J&K Candidates	04 Seats
3	Remaining All India Candidates	08 Seats
	<b>TOTAL</b>	<b>20 Seats</b>

#### b) LATERAL Entry Candidates – Total 16 Seats

(All India Candidates- 04; Tamilnadu Candidates- 12)

### **ADMISSION CUT OFF DATE –**

#### 1) REGULAR BPO - 31<sup>st</sup> July 2023

LATE Admission of Regular BPO (with late admission Charges) – 31<sup>st</sup> August 2023

#### 2) LATERAL Entry BPO – 30<sup>th</sup> September 2023

### **WITHDRAWAL OF ADMISSION:**

In case, a Student withdraws her/his admission from the institute, the fee paid by the student shall be refunded as per UGC Guidelines (Refer [www.ugc.ac.in](http://www.ugc.ac.in) )

### **Important:**

All the admissions made will be provisional and subject to TN Dr. MGR Medical university approval & if at any stage during the entire programme it is found that the candidate has submitted false information in the application form, his/her candidature for the programme will be cancelled & disciplinary action may be taken against him/her as per the University rules.

The Vice-Chancellor of the University/ The College Management reserves the right to cancel the admission of any student for a specific reason.

## **METHODS OF SELECTION FOR ADMISSION to BPO Course:**

### **a) REGULAR BPO Candidates**

<b>Sl. no.</b>	<b>Category</b>	<b>Method of admission selection</b>
1	Tamilnadu Candidates	Direct Admission
2	North East States and J&K Candidates	Direct Admission
3	Remaining All India Candidates	Based on Merit of Marks obtained in 12 <sup>th</sup> /10+2/ CBSE/ Intermediate/VHSE/HSE/PUC or its Equivalent Examination from any recognized Indian board

### **b) LATERAL Entry Candidates**

Direct Admission subject to Obtaining of ELIGIBILITY CERTIFICATE from TN Dr. MGR Medical University

## **APPLICATION FOR ADMISSION GOOGLE FORM LINK** (Sign-in required)

**For all REGULAR BPO Admission.....** <https://forms.gle/oVSQTWvMxP3mp7iD7>

**For all Lateral Entry BPO Admission -----** <https://forms.gle/35q1BKKuAK2XHd429>

### **Important:**

#### **Attendance Requirement for Students to appear in University Examination**

All students of IIPPO must put in a minimum of 85% of attendance in theory and 90% in Practical in order to appear in the Annual Examinations of the TN Dr. MGR Medical University.

There shall be no condonation of lack of attendance.

## **DOCUMENTS REQUIRED IN ORIGINAL FOR UNIVERSITY VERIFICATION AND REGISTRATION (To be submitted at the time of Admission)**

1. 10+2 /HSC/CBSE/ ICSE/VHSE /Intermediate or Equivalent Exam Marks Sheet/s
2. Transfer Certificate
3. Birth Certificate/ 10<sup>th</sup> Certificate
4. Community/Caste Certificate (if Applicable)
5. Conduct/Character Certificate
6. Migration Certificate ( for Candidates other than Tamilnadu State Board)
7. Medical Fitness and Blood Group Certificate
8. Aadhar Card – Xerox Copy
9. Family Income Certificate ( If applicable for Scholarship)
10. Disability Certificate (if Applicable) – Check Eligibility

(Please submit 3 passport size recent photographs along with 3 sets of attested photocopies)

*All Original Certificates will be returned to students after verification from the University*

### **Important:**

**It** is compulsory for each student and his/her parent/Guardian to submit an online undertaking each academic year at either of the two designated websites, namely, [www.antiragging.in](http://www.antiragging.in) and [www.amanmovement.org](http://www.amanmovement.org) .



### **Course Fee Structure: Academic Session 2023-24\***

<b>FEE TYPE</b>	<b>FEE AMOUNT(INR)</b>	<b>To Be Paid</b>
ADMISSION FEE	50,500	<b>ONE TIME ONLY (at the time of 1<sup>st</sup> Year Admission)</b>
TUTION FEE	48,000	ANNUAL (each year )
ACADEMIC FEE (Laboratory, Library, Computer, Registration, College Examination etc.)	36,000	ANNUAL (each year)
NON-ACADEMIC FEE (College Development, Field Visits, NSS, Students welfare etc.)	14,000	ANNUAL (each year)
CAUTION DEPOSIT (REFUNDABLE)**	25,000	ONE TIME ONLY – (Upon Course commencement )
University Eligibility Fee/ Charges	As per University	As per University
Late Admission Charges	5,000	After cut-off date of 31 <sup>st</sup> July 2023

\*\*On Completion of the Course or Transfer/Migration from the Course

#### **Academic Session 2023-24 Application Fee (Non-refundable):**

**Rs. 1500/- (For General and OBC Candidates)**

**Rs. 1000/- (For SC/ST and EWS)**

Nil Application Fee for persons with locomotor disabilities (Please check eligibility)

#### **IMPORTANT**

Admission Registration Fee of Rs. 50,500/- is charged once at the time of admissions from all candidates admitted to IIPO

**First Year Fees and Caution Deposit** – Candidates seeking admission to IIPO will be required to pay the First Year Fees (in full) and Caution Deposit of Rs. 25,000/-

**Note:** Caution Deposit will be refundable at the end of the Programme subject to deductions (if any, to cater for recovery due to individual responsible for damages).

**Annual Fees 2nd Year onwards** - From the Second Year onwards annual fees shall be due on the opening day of the academic year. If the annual fees are paid in full within 15 days of the opening day of the academic year, there shall be no penalty. The penalty for belated payment shall be @ Rs. 50/- per day between the 16th and 90th day from the opening day of the academic

year. Thereafter, the names of the defaulters shall be removed from the rolls of the College/University.

**Note:** The Annual Fees will include: Tuition Fee (Inclusive of Library Fee, Laboratory Fee, Workshop Fee, University Registration fee, Field Visit Fee, and Extra-curricular Activities Fee and others).

Annual and supplementary (if any) Examination Fees as prescribed by the University are to be paid separately.

**College Account Details for Payment of All types of College Fees by Online Mode as UPI/IMPS/Fund Transfer/NEFT/RTGS**

Account Name :	IIPO ( a unit of ISHWAR)
Bank Name :	HDFC Bank
Account Number :	044 02000001891
IFSC Code:	HDFC 0000440
Bank Branch	Naraina Indl. Area, New Delhi-28
Payable at :	New Delhi



BHIM UPI Payments Accepted at  
IIPO(A UNIT OF ISHWAR)



Account Number : 04402000001891, IFSC Code: HDFC0000440

Scan and Pay using any UPI supported Apps

# **CAREER AFTER BPO COURSE**

**Individuals seeking employment/practice as a Prosthetist or Orthotist must obtain a Bachelor's degree in Prosthetics Orthotics and Certification from Rehabilitation Council of India**

During formal education, students study biomechanics, gait analysis/pathomechanics, kinesiology, pathology, materials science, research methods and diagnostic-imaging techniques.

## **Job Duties**

An RCI Certified Prosthetist Orthotist provides care to people requiring the replacement of a partially or completely absent extremity (artificial limb or prosthesis) or the custom-making and fitting of an orthopedic brace (orthosis) to a disabled spine or extremity. Professional practice includes assessment of patient needs, prescription recommendation, fabrication, fitting and evaluation of the prosthesis or orthosis.

In addition to functioning in the clinical setting as an active member of the professional health care team, the Prosthetist Orthotist is also responsible for educating patients, their families, other health care professionals and the public about prosthetic and orthotic care and services.

## **Placement Opportunities**

Students with a degree in prosthetics orthotics are employed nationwide and generally have employment offers prior to graduation completion. Placement settings may include research facilities, hospitals, private and non-profit agencies.

## **DISCLAIMER**

Candidates/Parents are requested to note that IIPO will make all reasonable efforts to find a suitable placement (both on Campus and off Campus) for its students. However, IIPO does not guarantee the same as the job market is dependent on many factors beyond our control.

Information / queries regarding BPO course, please contact:

**The Principal, ISHWAR Institute of Prosthetics and Orthotics (IIPO)**

AA 23, 3rd St. 3rd Main Road, Anna Nagar, Chennai-600040

☎ **044-47666108**

Email: [iipochennai@ishwarngo.com](mailto:iipochennai@ishwarngo.com) ; [iipoindia@gmail.com](mailto:iipoindia@gmail.com)

Find us on Google Map [www.iipoinsitute.in](http://www.iipoinsitute.in)



**PROUD TO BE A PROSTHETIST & ORTHOTIST**

<https://www.ncs.gov.in/content-repository/Pages/ViewNcoDetails.aspx?List=8db9be14%2D2b47%2D4f30%2D97fb%2D5de315d871c0&ID=4602&ContentTypeId=0x01003FEA8C7117A78D4F93DC52780D878B2F0015F91119E23A874E9006B0F068F1089C>

**Best wishes to all aspiring candidates**

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