

ANNUAL REPORT 2019 - 2020



**NATIONAL INSTITUTE FOR LOCOMOTOR DISABILITIES [DIVYANGJAN]
KOLKATA**





CONTENTS

1. Preface	03
2. Objectives	04
3. Activities at a Glance	05
4. Executive Summary	06
5. VIPs Visit	14
6. Chapter - I : Rehabilitation Services	17
● Department of Medical Rehabilitation	18
● Department of Physiotherapy	21
● Department of Occupational Therapy	32
● Department of Prosthetics & Orthotics	39
● Department of Socio Economic Rehabilitation Services	48
● Department of Rehabilitation Nursing	62
● Department of Rehabilitation Engineering	69
7. Chapter II : Human Resource Development	73
8. Chapter III : Research and Development Unit	80
9. Chapter IV : Library Information & Documentation Services	81
10. Chapter V : Extension and Out Reach Services	84
11. Chapter VI : Administration	
● Organizational Chart	97
● Staff Status	98
● Civil, Electrical Engineering and Estate	102
● Rajbhasa Section	104
● Celebration/Observance of Important National Events	105
● Actions on Right to Information	108
● Management	116
12. Chapter VII : Regional Centres	119
13. Chapter VIII : Composite Regional Centres	137
14. Chapter IX : Annual Accounts	169



Preface

The efforts in empowering person with disabilities (Divyangjan) have gained momentum globally especially after the convention on Rights of Person with Disabilities was adopted. In India too, as per the principles laid down in the convention, it has drafted an Act for Person with Disabilities Act, 2016. This milestone has paved way for not only providing a welfare based activity but more towards ensuring a rights based approach.

With a strong foundation of values, expertise and experience, National Institute for Locomotor Disabilities (Divyangjan), Kolkata (NILD) passed another year in the services of the persons with disabilities. NILD, Kolkata moved forward functioning shoulder to shoulder with Department of Persons with Disabilities (Divyangjan), Ministry of Social Justice and Empowerment, GOI to implement the policies, schemes, research, human resource development and services. NILD has taken front seat in providing the rehabilitation services to North-East Regions of the country during the year.

NILD is pleased to share the news and events of the past year in the annual report 2019-2020.

About the Institute

National Institute for Locomotor Disabilities (Divyangjan) erstwhile the National Institute for Orthopaedically Handicapped (NIOH) was established in the year 1978 in Calcutta, West Bengal under Ministry of Social Welfare, Govt. of India as an autonomous body under Societies Registration act 1961. NILD is a leading Central Government organization funded by the Department of Empowerment of Persons with Disabilities, Ministry of Social Justice and Empowerment, Govt. of India. It is situated in the campus of the former Kumar P.N.Roy Group of Hospitals at Bon-Hooghly, Kolkata. It is an apex organization which is chiefly functioning in the area of locomotor disability (Divyangjan). The Institute supports and enables persons with locomotor disability (Divyangjan) to optimize their potential and to realize their right to live life on an equal basis with their non-disabled peers through rehabilitation management, education, training, research and human resource development. The institute also gave impetus to the rehabilitation related activities in North East Regions and Uttarakhand state through its Composite Regional Centres for Persons with Disabilities (Divyangjan), Regional Centres, and Regional Chapters.



Objectives

Institute was established with following objectives :

- To conduct/sponsor, co-ordinate or subsidize research in all aspects of the education and rehabilitation of the orthopedically handicapped which expression shall also include the neurologically handicapped with problems of coordination or mobility.
- To undertake, sponsor, coordinate or subsidize research in biomedical engineering leading the effective evolution of aids or suitable surgical or medical procedures or the development of new aids.
- To undertake or sponsor the training of trainees and teachers, employment officers, psychologists, vocational counsellors and such other personnel as may be deemed necessary by the institute for promoting education, training or rehabilitation of the orthopedically handicapped.
- To distribute, promote or subsidize the manufacture and distribution of any or all aids designed to promote any aspects of the education, rehabilitation or therapy of the orthopedically handicapped.



ACTIVITIES AT A GLANCE

The Activities of this Institute comprise broadly the following areas:

1. Human Resource Development
2. Rehabilitation Services
3. Research and Development
4. Library, Documentation and Dissemination of Information
5. Out Reach & Extension Services
6. Awareness Generation
7. Students' Placement

The above activities are undertaken by various departments, units, composite regional centres, regional centres and regional chapter under administrative control of the institute.

- Medical Rehabilitation
- Physiotherapy
- Occupational Therapy
- Prosthetics and Orthotics
- Socio-Economic Rehabilitation
- Rehabilitation Nursing
- Rehabilitation Engineering
- Library, Information & Documentation
- Outreach Unit
- Students' Placement Cell



EXECUTIVE SUMMARY

National Institute for Locomotor Disabilities (Divyangjan) erstwhile the National Institute for Orthopedically Handicapped (NIOH) was established in the year 1978 in Calcutta, West Bengal under Ministry of Social Welfare, Govt. Of India as an autonomous body under Societies Registration act 1961. NILD is a leading Central Government organization funded by the Department of Empowerment of Persons with Disabilities, Ministry of Social Justice and Empowerment, Govt. of India.

The Activities of this Institute comprise broadly the following areas:

- A. Rehabilitation Services
- B. Human Resource Development
- C. Research and Development
- D. Library, Documentation and Dissemination of Information
- E. Out Reach & Extension Services
- F. Awareness Generation
- G. Students' Placement

The above activities are undertaken by various departments, units, composite regional centres, regional centres and regional chapter under administrative control of the institute.

- Medical Rehabilitation
- Physiotherapy
- Occupational Therapy
- Prosthetics and Orthotics
- Socio-Economic Rehabilitation
- Rehabilitation Nursing
- Rehabilitation Engineering
- Diagnostic Services (Pathology/EMG/X-Ray)
- Library, Information & Documentation
- Outreach Unit
- Students' Placement Cell



A. Rehabilitation Services

(i) Through Institute

The medical rehabilitation department of the Institute coordinated with other departments for providing the comprehensive rehabilitation services to the persons with disabilities through outpatient/inpatient department (OPD/IPD) of the Institute. In the OPD/IPD a detail assessment of the Individual was followed by long term short term rehabilitation plan by a team consisting of Psychiatrist/Orthopedic Surgeon/Physiotherapist/Occupational Therapist/Prosthetist & Orthotist/Clinical Psychologist/Social Worker/Vocational Counselor etc. The cases seen at the OPD were mainly of Cerebral Palsy, Congenital Limb Deficiencies/Deformities, Amputees, Spinal Deformities, Auto Immune Disorders, Spastic, Neuromuscular Disorder, Degenerative condition leading to locomotor problem and Post Polio Residual Paralysis (PPRP) etc.

During the year 23739 new cases assessed in the OPD and 31064 follow-up cases were dealt in the OPD. Indoor services were provided through 50 beds of indoor wards which are grouped in surgical, rehabilitation, paraplegia and private wards. Total 2339 (289 Major and 2050 Minor) surgical procedure were performed to prevent/correct deformity to achieve functional improvement.

Diagnostic facilities for Pathological, Radiological and Electro-diagnostic Investigations for the indoor and outdoor patients were available. Total 52815 number of diagnostic investigations done during the year.

The department of Physiotherapy which is well equipped with advance and modern equipment rendered 59344 services to total 43115 patients. In addition of rehabilitation services department was also involved in teaching and research.

The faculty and staff of department of Occupational Therapy were primarily involved in teaching, research and rehabilitation services. The department rendered 42127 rehabilitation services to 18657 patients including new and follow-up patients.

The Prosthetics and Orthotics (P&O) is one of the main departments of the Institute which imparts quality in the life of persons with disabilities who require improvement in mobility &/ or independence. In addition of teaching, training, implementing ADIP scheme & research activities department designed and fabricated 3538 aids and appliances during the year.

For the purpose of integration of persons with disabilities (PwDs) into the social and economic mainstreaming of society the faculties and manpower of Department of Socio Economic Rehabilitation (SER) provided teaching, training and rehabilitation services in the Institute during the year.

The department of Rehabilitation Nursing Service includes a comprehensive range of inpatient and outpatient services and continuing care for patients who experience debilitating illness or injury. Patients with complains of congenital deformities, fractures, amputations, SCI, multiple trauma or injuries and other musculoskeletal deformities are admitted for surgeries and post operative rehabilitation services. During the year 317 and 184 patients were admitted in RSU and Rehabilitation wards of Institute.



(ii) Through Camps

Outreach Services unit conducts assessment, identification and distribution camps for the Persons with disabilities under Govt. of India Scheme of Assistance to the Persons with Disabilities for purchase/fitting of Aids/Appliances (ADIP Scheme) and organizes sensitization program on disability and rehabilitation in different areas for the community stake holders. During the year 2019-2020 total 87 identification and distribution camps were conducted under ADIP scheme in West Bengal, Jharkhand, Andhra Pradesh, Telangana, Tamilnadu, Punjab, Uttar Pradesh, Assam, Tripura and Nagaland, through which 3727 numbers of PWDs were benefitted by receiving 5381 numbers of Aids and Appliances through these camps.

Details of Camps :

Name of the State	Total No. of Camps	Total No. of Identification Camps	Total No. of Distribution Camps
West Bengal	69	24	45
Jharkhand	04	04	00
Uttar Pradesh	01	00	01
Assam	01	01	00
Tamilnadu	02	02	00
Punjab	01	01	00
Telangana	04	04	00
Tripura	01	00	01
Nagaland	04	01	03
Total	87	37	50

Details of Distribution Camps and its beneficiaries:

Name of the State	No of Distribution Camps	No beneficiaries received aids & appliances	No of distributed aids & Appliances
West Bengal	45	3389	4897
Uttar Pradesh	01	49	65
Tripura	01	22	32
Nagaland	03	267	387
Total	50	3727	5381



B. Human Resource Development

Human Resource Development program in the area of rehabilitation is one of the main objectives of the Institute. The training program undertaken by the Institute during the year can be broadly categorised into two divisions:

(i) Long term Programs

The Institute continued conducting Bachelor level and Master level regular courses during the year. The aforesaid graduate and post graduate level courses are affiliated to the West Bengal University of Health Sciences (WBUHS) except the DNB (PMR) which is affiliated to the National Board of Examination, New Delhi. The details about various graduate and post graduate courses undertaken during the years are appended below:

Sr. No.	Name of Courses	Intake Capacity	Admission			Passed out		
			2017	2018	2019	2017	2018	2019
1.	Bachelor of Physiotherapy	52	52	52	52	23	15	44
2.	Master of Physiotherapy	06	06	06	06	05	03	06
3.	Bachelor of Occupational Therapy	51	46	51	51	23	05	42
4.	Master of Occupational Therapy	06	05	06	06	03	05	05
5.	Bachelor of Prosthetics and Orthotics	34	34	33	34	23	14	30
6.	Master of Prosthetics and Orthotics	06	05	04	05	04	05	05
7.	M. Sc. Nursing (Ortho. & Rehabilitation)	10	10	10	10	09	08	03
8.	Post Graduate Diploma in Disability Rehabilitation Management (PGDDRM)	15	13	15	11	14	13	10
9.	Diplomate of National Board (Physical Medicine & Rehabilitation)	04	03	05	04	03	01	02

(ii) Short term Programs

During the period of 2019-2020, total 13 different programs were organized. 966 participants were benefitted through above short term program. These programs were organized to update the knowledge of professionals, capacity building sensitization.

C. Research & Development

The research and development unit conducted research projects in collaboration with Indian Space Research Organization (ISRO & coordinated with other departments of the institute to undertake rehabilitation research and JRF/SRF scholarship program. The details of the project and research works conducted or initiated during the year are appended below.

Ongoing research projects (Total: 03) :

1. Project Title: Design, development and standardization of microprocessor controlled prosthetic knee joint and prosthetic multi axial foot piece for lower limb amputee (ISRO-NILD project).
2. Project title: Development and comparison of organic /inorganic fiber reinforced polymer nano-composite prosthetics for low cost advance running blades



3. Project Title: Quantification and analysis of Pathological Gait in persons with locomotor disabilities using soft computing tools and instrumented gait analyzer (Low Cost Pressure Sensor based Gait Mat, Force plate, EMG, Electro-goniometer and Metabolic analyzer).

D. Skill Development Training Programme for PwDs

NILD, Kolkata conducted Skill Development Training Program for 1170 Persons with Disabilities (PwDs) under SIPDA Scheme through five empanelled training partners of DEPwDs in various trades as per the norms of Skill Council for PwDs.

E. Major Civil Projects Completed in the Year

- Renovation and up-gradation of Sub-Station along with Switchgear equipments of NILD, Kolkata.
- Disabled friendly toilet at Institute Building for NILD, Kolkata.
- Civil works for new setup of Early Identification & Intervention Centre with Preparatory School (EIC cum PS) in Institute Building

F. Library Documentation and Dissemination of Information.

The library of NILD, Kolkata was established in the year 1978-79. It is one of the richest repositories of rehabilitation books and journals in Kolkata. The documentation and dissemination of information services were provided by library of the Institute. The library has a good collection of approx **14064** subjects' books and journals including 60 CD/DVs, information folders on facilities provided by Government of India or State Government, rehabilitation aids/ appliances and legislations relating to persons with Disabilities for the use of rehab professionals, doctors, person with disability and their caregivers. Some information materials were also translated to regional languages. Total 41766 number of users used library services during the year.

G. Students' Placement

Student placement Cell was established in the Institute in the year 2010 with objective to locate job opportunities for Under Graduates and Post Graduates passing out from the Institute by keeping in touch with reputed rehabilitation centers and hospital establishments. The Placement Cell operated round the year to facilitate contacts between rehab/health organizations and UG and PG passed out rehab professionals. 15 reputed rehabilitation centres, hospital and Institutions were contacted for the placement services of passed out PG and UG students. 117 students appeared before the visiting placement organization and 44 were selected during the year.

H. VIP Visit to Institute

During the year following dignitaries visited Institute :

- Hon'ble President of India, Sri Ram Nath Kovind visited NILD, Kolkata along with first lady of India Smt. Savita Kovind on 1st October, 2019. He complimented the institute for setting up the new unit containing various sensory equipment which will help in rehabilitation of children with various disabilities in empowering their movement, behavioural and mental learning process and Inaugurated an E-Rickshaw to ferry PwDs from B.T. Road to Institute.



- Hon'ble Governor of West Bengal, Sri Jagdeep Dhankhar visited NILD, Kolkata on 1st October, 2019 to welcome Hon'ble President of India
- Dr. Thaawarchand Gehlot, Hon'ble Union Minister, Social Justice & Empowerment, Govt. of India visited National Institute for Locomotor Disabilities (Divyangjan), Kolkata on 30th Septemeber, 2019
- Sri Krishan Pal Gurjar, Honourable Minister of state, Social Justice & Empowerment, Govt. of India visited NILD Kolkata on 31st August, 2019
- Smt. Shakuntala D. Gamlin, Secretary, Dept of Empowerment of PwDs, Min. of Social Justice & Empowerment, Govt. Of India on 30th September, 2019 to inspect the Institute prior to the visit of Hon'ble President of India.
- Dr. Prabodh Seth, Joint Secretary, Department of Empowerment PwDs (Divyangjan), Ministry of Social Justice & Empowerment, Govt. of India visited NILD, Kolkata along with Financial Advisor to Ministry of Social Justice and Empowerment, GOI on 22nd August, 2019 to hold 100th Executive council meeting

I. Activities by Regional Chapters

(a) RC- DEHRADUN

NILD RC Dehradun was established in the year 1998-99 in the campus of NIEPVD at 116, Rajpur Road, Dehradun to provide rehabilitation services to the locomotor disabled in the state of Uttarakhand and neighbouring districts of Uttar Pradesh and Himachal Pradesh and to provide training and sensitization in the field of Disability and Rehabilitation. Total 776 (376 New + 400 Follow-up) individuals were assessed for 4078 therapeutic services. 143 number of aids and appliances were distributed to persons with disabilities under ADIP scheme through the centre. During the year, Institute conducted 03 numbers of outreach camps to benefit 182 individuals and to issue 87 number of disability certificates. 336 individuals were trained through 06 short term training program during the year.

(b) RC- AIZAWL

NILD Regional Center, Aizawl was established by M.S.J & E. Govt. of India in the year of 2004 in a temporary accommodation in the premises of State Council of Education Research and Training, Chaltlang, Aizawl to meet the objectives of NILD, Kolkata. NERC-Aizawl provides comprehensive rehabilitation services through team approach, consisting of experts from medical, occupational therapy, physiotherapy, speech therapy & audiology, professionals in the area of ID, P&O and special education to the needy ones in N-E Region, Mizoram in particular. Total 1441 individuals benefitted through the OPD services of the centre out of which 241 were new and 1200 were old patients. 60 aids and appliances were distributed to persons with disabilities under ADIP scheme through the centre. Institute conducted 13 outreach camps to issue 487 disability certificates issued, 19 aids & appliances and to benefit 509 persons during 2019-20. To overcome the shortage of trained manpower in the NE Region and to sensitize people, NERC-Aizawl trained 226 persons through 5 short term training program in the year 2019-20.



Centre for Disabilities Studies (CDS) was established within the premises of Mizoram Central University with due approval of DEPwD, MSJ&E - a building for the centre has already been inaugurated on 5th July 2018 by Hon'ble chief Minister of Mizoram and Minister of State, Min of S.J & E, GOI. During the year recruitment was made on the posts of Librarian, Office Assistant, Accountant and MTS.

(c) RC- NAHARLAGUN

NILD Regional Center, Naharlagun, Arunachal Pradesh was established by NILD, Kolkata in the year 2016 in a temporary rental building. The centre has started functioning with 04 contractual staff from its location D Sector (near Pachin Colony), Naharlagun, Papumpare, Arunachal Pradesh. During the year RC rendered rehabilitation services to 111 persons out of which 74 were new patient and 37 were old patient. 09 aids and appliances distributed through the centre. 04 identification, screening cum awareness camps were organised by the centre to benefit 188 persons and to deliver 4 aids and appliances to the PwDs. During the year centre organised a workshop cum training program to benefit 34 CBR workers and other programs were also organised.

J. Activities by Composite Regional Centres (CRCs)

(a) CRC-SRE-Patna

Composite Regional Centre (CRC) for Skill Development, Rehabilitation & Empowerment of Persons with Disabilities, Patna was established in the year 2009 by the Ministry of Social Justice & Empowerment, Govt. of India. CRC-Patna was shifted to its new buildings at Sheikhpura, Patna on 8th July, 2018 after the Inauguration of newly constructed building by Sri Thaawarchand Gehlot, Hon'ble Minister of Social Justice and Empowerment, Govt. of India. The new hostel building is already under construction at CRC-Patna. Centre provided 14370 rehabilitation services to 6105 new patients and 3674 follow-up cases during the year. Total 907 PwDs were benefited and 145 numbers of Aids and appliances distributed to 101 PwDs through 10 camps during the year. Centre conducted 06 short term training program including CRE and Parents Training Program (PTP) to trained 88 participants and 529 parents.

(b) CRC-SRE-Tripura

Composite Regional Centre for Skill Development, Rehabilitation and Empowerment of Persons with Disabilities, - Tripura under the administrative control of National Institute for Locomotor Disabilities (NILD), Kolkata, was established in the Year November 2017, at Narsingarh, Tripura West. During the year centre provided 8899 supportive/rehabilitation services to 935 new cases and 3988 old cases. Centre conducted 04 identification cum screening camp through which 499 persons benefitted during the year. Centre conducted total 7 number of short term training program, 02 for the professionals and 06 for the parents to train 48 professionals and 157 parents respectively.



Year wise Details of Beneficiaries FY-2019-20

Service in OPD/IPD	2017-18	2018-19	2019-20
Assessment Clinic:			
New cases	22063	22722	23739
Follow-ups	28033	26617	31064
Restorative Surgery:			
No. of in patients	440	440	501
Major Operations	248	270	289
Minor Operations	2436	2006	2050
Physiotherapy:			
New cases	12839	14948	16465
Follow-ups	42537	30329	26650
Services (No. of sitting /services)	60698	63244	59344
Occupational Therapy:			
New cases	3050	3210	4541
Follow-ups	16471	16387	14116
Services (No. of sitting /services)	42780	43406	42127
Prosthetics & Orthotics:			
Prostheses & Orthoses	1927	2337	3260
Hi-tech Prostheses	06	-	--
Rehabilitations aids	311	267	278
Socio-Economic Rehabilitation:			
Social Assessment & Counseling	2764	3599	4112
Vocational Counseling & Guidance	1429	1380	1002
Clinical Psychology	--	1478	1327
Special Education	--	1373	484
Placement /Employment	17	18	28
Skill Development Training Program	1170	-	--
Diagnostic Services:			
X-Rays	11455	11775	10890
Pathological test	31509	29782	32612
EMG, NCV	4652	6541	9313
Library & information services:			
Total No. of users	38110	35337	51420
Total no. of user services	37799	28139	41766
Outreach Services			
Aids/appliances distributed	3482	4694	5381
Right to Information Cell	57	86	86



VIP VISIT



HONORABLE PRESIDENT OF INDIA VISIT AT NILD, KOLKATA

He was received by Dr. Thaawarchand Gehlot, Union Minister, Social Justice and Empowerment, Smt. Shakuntala D. Gamlin, Secretary, Department of Empowerment of persons with Disabilities, Dr. Prabodh Seth, Joint Secretary, DEPwD (Divyangjan), and Dr.S.P Das, Director NILD.

Hon'ble president interacted with the 50 indoor patients who have been admitted for various rehabilitation services. Later on he also spoke to rehabilitated patients, caregivers, and Doctors and Rehabilitation team of the institute.

He complemented the institute for setting up a new unit containing sensory equipments which will help in the rehabilitation of children with various disabilities in empowering their behavioral and mental learning process. He expressed his happiness in providing E-rickshaw for facilitating commutation of patients to the NILD campus.

Hon'ble President of India Shri Ram Nath Kovind visited National Institute for Locomotor Disabilities (NILD), Kolkata on 01st October, 2019 and interacted with the Persons with Disabilities (Divyangjan) and encouraged them.





During his visit the President also appreciated the beautiful paintings and handicrafts prepared by Divyangjan. He felt that wide publicity needs to be given to the inner talent and abilities of these gifted children and to make efforts to include them in the mainstream society as mandated in the RPwD Act-2016

Hon'ble President along with 1st lady of the India, Hon'ble Governor of West Bengal, Hon'ble Union Minister Dr. Gehlot, Secretary, DEPWD, Joint Secretary D0EPwD planted Neem Tree which has medicinal values for the patients.

Hon'ble President complemented the Institute for setting up a new unit containing sensory equipments for empowering their behavioral and mental learning process of children with disabilities



Hon'ble President encouraged and inspired the Divyangjan by spending his quality time and sharing meal with them.





DR. THAWARCHAND GEHLOT, HON'BLE UNION MINISTER, SOCIAL JUSTICE & EMPOWERMENT, GOVT. OF INDIA VISITED NATIONAL INSTITUTE FOR LOCOMOTOR DISABILITIES (DIWHANQGAN) ON 30TH SEPTEMBER 2019



Sri Krishan Pal Gurjar, Honorable Minister of state, Social Justice & Empowerment, Govt. of India Visited NILD Kolkata





CHAPTER-1

Rehabilitation Services

The comprehensive rehabilitation services were provided to the persons with locomotor disabilities through outpatient and inpatient departments of the Institute. The patient attending OPD were from different part of the country, predominantly from eastern region, namely from the state of West Bengal, Bihar, North Eastern State and occasionally from neighboring countries like Bangladesh, Nepal, Bhutan.

In OPD, detailed rehabilitation services was planned after a thorough individual's assessment by a team of professionals consisting of physiatrist/orthopaedic surgeon, physiotherapist, occupational therapist, prosthetist & orthotist and other rehabilitation professionals from department of SER.

The facilities of indoor admission, diagnostics and re-constructive /rehabilitative surgery were also available in the Institute mainly for visiting cerebral palsy, congenital limb deficiencies/deformities, amputees, spinal deformities, auto-immune disorders, spastics, neuromuscular disorder, degenerative conditions leading to locomotor problems and post polio residual paralysis patients etc . The surgical corrections were also performed through the major or minor surgeries.

Rehabilitation services provided through following departments and unit.

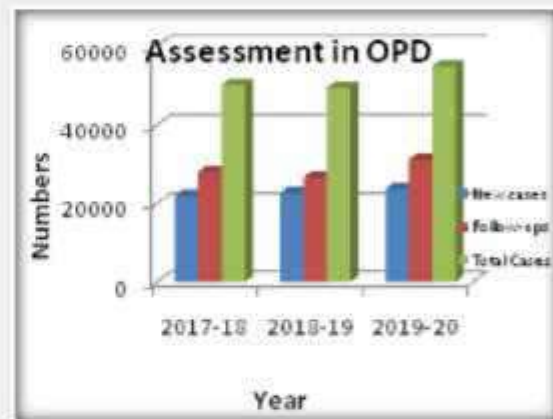
- Department of Medical Rehabilitation
- Department of Physiotherapy
- Department of Occupational Therapy
- Department of Prosthetics & Orthotics
- Department of Socio Economic Rehabilitation Services



DEPARTMENT OF MEDICAL REHABILITATION



The medical rehabilitation services were started first with inception of Institute in 1978. The department started its services through OPD and IPD (Disabled Hostel, in the beginning). The surgical services were also introduced in eighties. During the year the department coordinated with other departments for the comprehensive rehabilitation of the persons with disabilities. The medical assessment, medical/surgical intervention, prescription of therapeutic intervention, rehabilitation aids/appliances, socio-economic rehabilitation and referrals were provided through regular Outdoor, Indoor, and Outreach Camps.



During the year 23739 new cases and 31064 old cases assessed in the OPD of the Institute

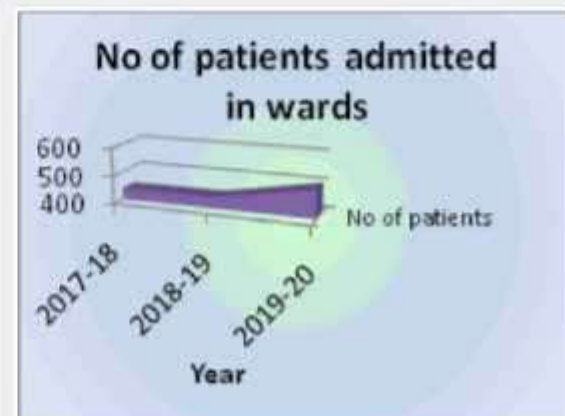
Service in OPD	2017-18	2018-19	2019-20
New cases	22063	22722	23739
Follow-ups	28033	26617	31064
Total Cases	50096	49339	54803

Number of cases admitted in Indoor

Indoor services were provided through 50 beds of indoor wards which are grouped in surgical, rehabilitation, paraplegia and private wards.

Service in OPD	2017-18	2018-19	2019-20
No of patients	440	440	501

The rehabilitation services including therapy and assistive aids were provided by Physiotherapists, Occupational Therapists, and Prosthetics and Orthotics professionals under close supervision of medical experts. The indoor services were also used in clinical medical teaching to the students of different courses.





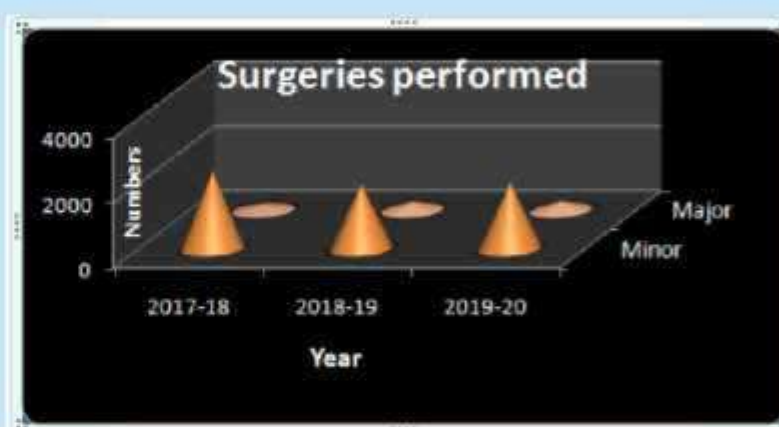
Academic Activities in the department :

DNB (PMR) training under affiliation of National Board of Examination (Ministry of Health) was started in the department in the year 2000-01 and the same was continued under the department during the year. 04 students were admitted in the program. The faculties in the department were contributing in teaching medical subjects in various courses introduced time to time. During the year department provided

- In job training to Doctors/Nurses
- Teaching /Training to the students of various courses, UG/PG
- Training to the DNB students

Reconstructive surgical cases :

2339 surgical procedures were performed to prevent/correct deformity or to achieve functional improvement and to facilitate fitment of suitable orthosis or prosthesis. The surgical procedures were demonstrated to the DNB (PMR) students as per their syllabus requirement in different courses.



Type of surgery	2017-18	2018-19	2019-20
Minor	2436	2006	2050
Major	248	270	289
Total	2684	2276	2339

Diagnostic Facilities :

The facilities for pathological, radiological & electro-diagnostic investigations for the indoor & out patients were available. Total 52815 numbers of diagnostic services provided during the year.



Type of services	2017-18	2018-19	2019-20
X-Ray exposures (no. of exposure)	11455	11775	10890
Pathological tests (no. of test)	31509	29782	32612
Electro Diagnostic Tests (EMG, NCV)	4652	6541	9313
Total	47616	48098	52815



Department of Medical Rehabilitation





DEPARTMENT OF PHYSIOTHERAPY

N
I
L
D

The primary function of the department is two fold - teaching & training of students of Undergraduate & Postgraduate program and providing physiotherapy services to outdoor & indoor patients. In addition, the department is also involved in research work and rendering outreach services along with other team members of the institute as & when required.

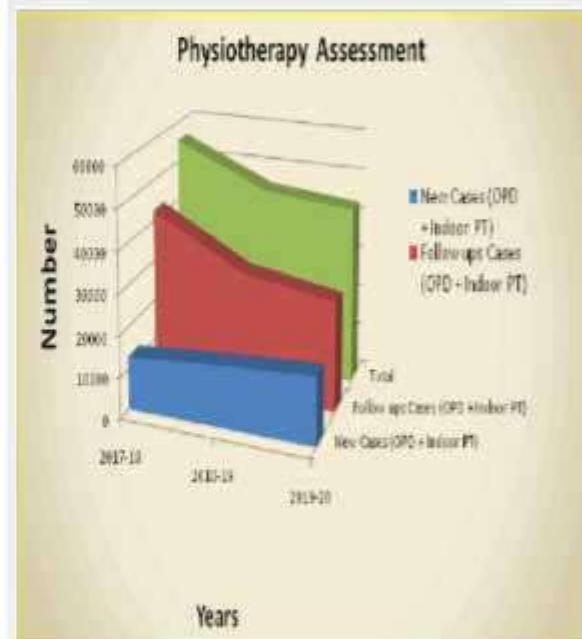
SERVICES:

The department is well equipped with state of the art equipment which includes Shockwave Therapy unit, IR guided Cryo-flow unit, EMG Biofeedback therapy, Microwave Diathermy, Combo Therapy, Scanning LASER unit, Micro current & Interferential Therapy unit (Advanced Electrical Stimulation), Balance trainer unit, Dynamic Stair Trainer unit, Body weight supported Treadmill training along with other conventional equipments used in physiotherapy. Services of the Department are extended through following sub-units.

- Electrotherapy Unit
- Exercise and Manual Therapy Unit
- Advanced Electrotherapy Unit
- Indoor Physiotherapy Unit

The total numbers of patients whom physiotherapeutic services were provided during this year are given in the following table:

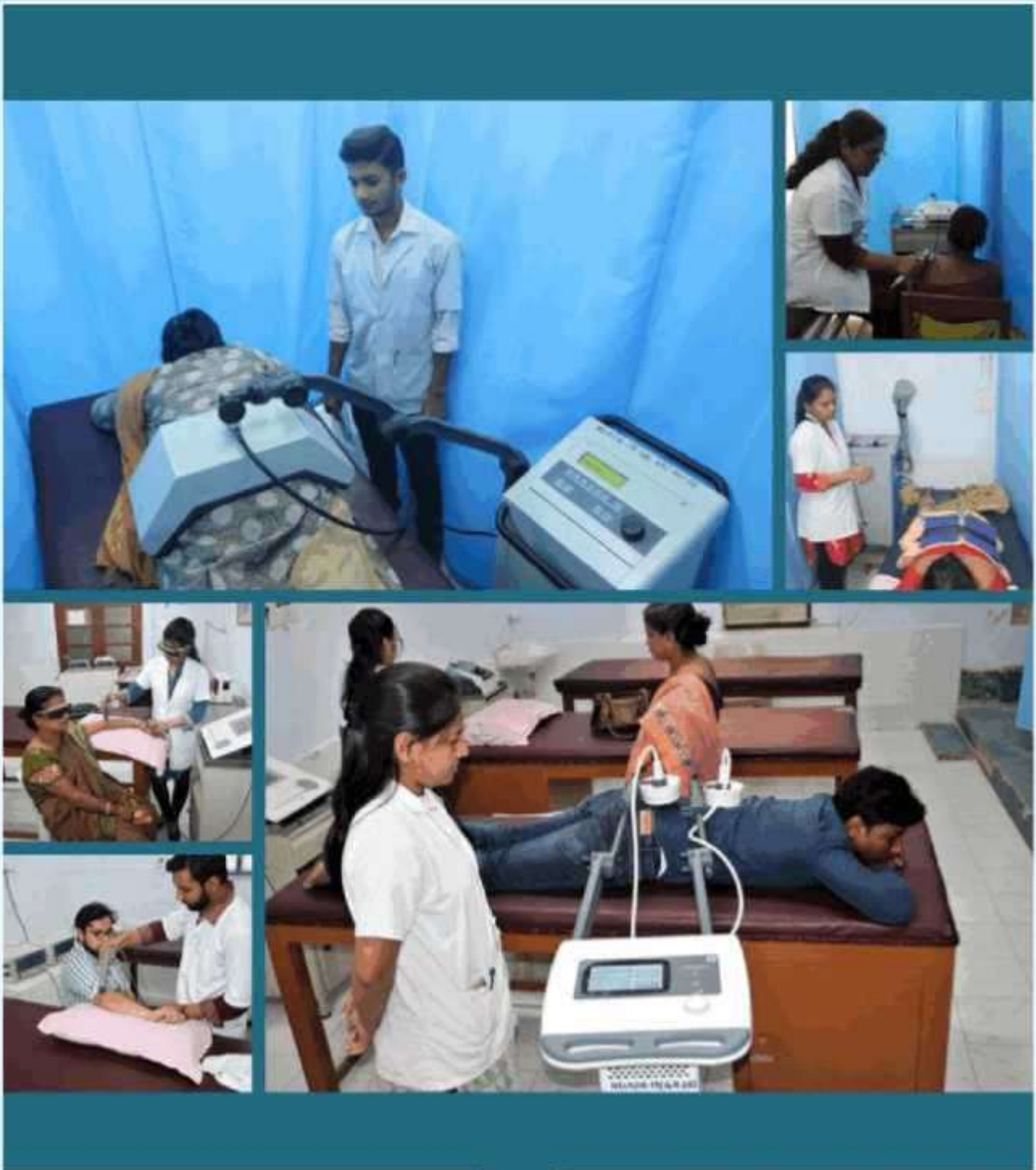
No. of Cases Registered	2017-18	2018-19	2019-20
New Cases (OPD + Indoor PT)	12839	14948	16465
Follow ups Cases (OPD + Indoor PT)	42537	30329	26650
Total	55376	45277	43115





The details of Physiotherapy Services provided by the different Subunits of Department of Physiotherapy during the last year and preceding two years are as follows:

Sub Units	2017-18	2018-19	2019-20
Short Wave Diathermy	5407	3769	2844
Pulse Short wave Diathermy	10	258	137
Ultrasound Therapy	7422	6663	5625
N-M Stimulation	761	503	612
Traction	2509	2024	1714
Infra Red	170	86	23
Cryotherapy	08	11	93
LASER Therapy	310	77	240
Advanced Electrical Stimulation (IFT+TENS+MICROCURRENT)	2937	4055	3996
Balance Trainer	1965	1951	1415
Treadmill	213	143	230
Exercise/Manual Therapy	30391	32426	31685
Shoulder Wheel	1595	1390	770
Quadriceps Table	849	821	980
Standing Frame	1009	1200	1231
Wall Ladder	1997	1888	1080
Dynamic Stair Trainer	999	1832	1808
Wobble/Balance Board	1200	1164	1068
UVR	110	299	71
Shock Wave Therapy	05	04	19
Static Cycle	209	302	260
Gym Ball	577	1545	1923
Moist Hot Packs	45	636	996
MWD	-	182	149
Tilt Table	-	15	176
Multi Gym	-	-	199
Total	60698	63244	59344



Electrotherapy and advance electrotherapy units provide pain relief, promote healing for problems of the soft tissue or stimulate the muscles fibres to activate. Various powerful equipments are used by the units to treats chronic pain, musculoskeletal injuries, muscle wasting, and nerve pain by using targeted and controlled electrical stimulation.



Balance Training/ Dynamic Stair Trainer

Gait Training to amputee



Body weight supported Treadmill training /Therapeutic Exercise forSCI

Table Exercise





Academic Activities :

Two long terms academic programs namely "Masters of Physiotherapy in Orthopedics (MPT-Ortho)" & "Bachelor in Physiotherapy (BPT)" of two and four & half years duration respectively are continuing under the department. These courses are affiliated to the West Bengal University of Health Sciences. The degree course (BPT) is of four years duration followed by compulsory internship of six months duration.

During the last three academic sessions 52 students were admitted each year in first year Bachelor of Physiotherapy (BPT) including students from north eastern region and 06 students were admitted in the Masters of Physiotherapy (MPT) with specialization in Orthopedics (MPT-Ortho).

Details of admissions in BPT & MPT :

Course	Intake Capacity	TOTAL ADMISSION		
		2017	2018	2019
BPT	52	52	52	52
MPT	06	06	06	06

Other important Academic Activities :

- Clinical and academic activities were performed in various sub units of the department under supervision of faculty/staff members.
- Post graduate students and Interns had participated in various short-term training programs of the Institute.
- BPT Interns were posted to The Leprosy Mission, Kolkata as a part of rotational Internship posting.
- Four Post graduate Dissertation work was conducted and submitted to the West Bengal University of Health Sciences, Kolkata under the guidance of faculty members of PT department:
 1. Comparison of Kaltenborn mobilization technique versus Muscle Energy technique on range of motion, pain and function in subjects with chronic shoulder adhesive capsulitis: A Randomized clinical trial.
 2. Efficacy of Microcurrent therapy on pressure pain threshold, range of motion and function in upper trapezius myofascial trigger points: A Randomized clinical trial.
 3. Effect of Muscle Energy technique along with segmental stabilization exercise on pain, range of motion and function in subjects with chronic mechanical low back pain. A Randomized clinical trial.



4. Comparison of Microcurrent and Low-level LASER therapy on pain, grip strength and function in subjects with chronic lateral epicondylitis: A Randomized clinical trial.
- Six proposal of Post graduate dissertation for 2019-20 were presented in the Institute Scientific committee and after approval of the Institute's Ethical committee the same will be submitted to the West Bengal University of Health Sciences, Kolkata under the guidance of faculty members of PT department.

Research Publication :

- ❖ Following research articles were published in indexed national / international journals by faculty/ staff of Physiotherapy Department :-
1. Chakraborty J, Kumar P, Sarkar B. Comparative study of motor control exercises and global core stabilization exercises on pain, ROM and function in subjects with chronic nonspecific low back pain- a randomized clinical trial. *Int J Health Sci Res.* 2019; 9(8):116-123.
 2. Yadav L, Sarkar B, Kumar P et.al. Effect of calcaneal taping on pain, pressure pain threshold & function in subjects with chronic plantar fasciitis: a randomized clinical trial. *Int J Health Sci Res.* 2019; 9(8):124-131.
 3. Prabha P, Sarkar B, Kumar P. Efficacy of Russian current on pain, strength of quadriceps and function in subjects with primary knee osteoarthritis: a randomized clinical trial. *Int J Health Sci Res.* 2019; 9(8):140-148.
 4. Sinha U, Sarkar B, Kumar P. Effectiveness of scapular mobilization versus myofascial release of subscapularis on Pain, ROM and function in subjects with chronic frozen shoulder: a comparative study. *Int J Health Sci Res.* 2019; 9(8):149-156.
 5. Alghadir A H., Anwer S, Sarkar B et al. Effect of 6-week retro or forward walking program on pain, functional disability, quadriceps muscle strength and performance in individuals with knee osteoarthritis: a randomized controlled trial (retro-walking trial). *BMC Musculoskeletal Disorders* (2019) 20:159.
 6. Oraon A. K, Kumar P, Sarkar B. Effectiveness of Pilates Exercise Program on Pain, Function and Stabilometric parameters in subjects with chronic nonspecific low back pain: a randomized clinical trial. *International Journal of Research and Analytical Reviews (IJRAR)* Aug 2019; 6(3):403-408.
 7. Swarn Lata, Kumar P, Sarkar B. Efficacy of kinesio-taping over levator scapulae trigger point on pain, pressure pain threshold and function in chronic mechanical neck pain: a randomized controlled trial, *Int. J. Adv. Res.* 2019,7(8), 167-173.



Academic Achievements by Students of MPT/BPT :

MPT: Mr. Anil Kumar Oraon ranked 1st in the MPT Final Year Examination-2019 conducted by WBUHS, Kolkata.

Other Activities of Students :

Students had participated in various academic & cultural activities like 3rd International conference on "**Clinical Orthopedic and spine Biomechanics**" held at Indian Spinal Injuries Centre, New Delhi held on 26th-28th April, 2019 and **16th State conference of The Indian Association of Physiotherapist**, West Bengal Branch, held at Kolkata on 26th January 2020.

Three MPT 2nd year students (Ms Swarnlata, Ms Pratibha Prabha and Mr. Anil Kumar Oraon) have presented paper at 3rd International conference on "**Clinical Orthopedic and Spine Biomechanics**" held at Indian Spinal Injuries centre, New Delhi held on 26th-28th April, 2019.



Six scientific papers were presented by faculty and PG students of PT department at 4th Alumni meet of AANIOH held at NILD, Kolkata on 22nd December 2019:

1. Ms. Laxmi Yadav (Physiotherapist) presented paper on "Effect of Calcaneal Taping on Pain, Pressure Pain Threshold and Function in subject with Chronic Plantar Fasciitis- A Randomized Clinical Trial" and received **1st Prize** in paper presentation.
2. Mr. Sandeep Pattnaik, MPT 2nd year student presented paper on "Comparison of Kaltenborn Mobilisation Technique and Muscle Energy Technique on Range of Motion and Function in subjects with Chronic Shoulder Adhesive Capsulitis: A Pilot Study" and received **2nd Prize** in paper presentation.
3. Mr. Abhisek Rajarsi, MPT 2nd year student presented paper on "Efficacy of Micro Current Therapy on Pressure Pain Threshold and Function in Upper Trapezius Myofascial Trigger Points: A Pilot Study."





4. Ms. Subhasmita Mallick, MPT 2nd year student presented paper on "Comparison of micro current and low level laser therapy on pain, grip strength in subjects with chronic lateral epicondylitis: A pilot study."
5. Ms. Lipika Sahu, MPT 2nd year student presented paper on "Effect of Muscle Energy Technique along with Segmental Stabilization Exercise on Pain and Range of Motion in Subjects with Chronic Mechanical Low Back Pain: A Pilot Study."
6. Ms. Subhasmita Mallick, MPT 2nd year student presented case study on "Hallervorden-Spatz Disease: A Case Report."

Four scientific papers were presented by PG students of PT department at 16th State conference of The Indian Association of Physiotherapists. West Bengal Branch, held at Kolkata on 26th January, 2020. **Ms. Lipika Sahu** and **Ms. Subhasmita Mallick** secured **1st and 3rd position respectively** in this category.



70 Students of MPT & BPT participated in Tata Steel Kolkata Marathon held on 15th December 2019.

Activities in the Department of Physiotherapy by the Staff members:

- **International Physiotherapy Day: Department of Physiotherapy celebrated World / International Physiotherapy Day on 8th September 2019.** On this occasion department of physiotherapy organized different activities from 6th Sept. to 08th Sept. 2019 for increasing awareness in the people and community. Faculty & students conducted seminar in Old Age home. Poster, Slogan and Quiz competitions were organized. Pamphlets were distributed in the OPD of NILD & PT department for improving awareness.
- **Department of Physiotherapy, NILD, Kolkata in association with Alumni Association of NIOH, conducted One day National workshop on "Kinesiotaping & Rigid Taping Techniques" for physiotherapists at NILD auditorium on 21st December, 2019.** Sh. Upendra Goswami, Senior Physiotherapist, PGIMER, Chandigarh & Sh. Hassan Manzer, Senior Physiotherapist, PGIMER,





Chandigarh were the resource persons of the program. They elaborately explained and demonstrated various taping techniques used for management of different musculoskeletal disorders and sports injuries. Total 56 (Fifty Six) participants including Physiotherapist, BPT intern and post-graduate (MPT) students along with staff members of Physiotherapy department has participated in the program.

- **The Department of Physiotherapy coordinated National Seminar on "Research methodology & Scientific publication" in association with Indian Journal of Orthopedics and West Bengal Orthopedic Association at NILD, Kolkata on 29th September 2019.**

Dr. (Prof.) D.P. Bakshi, was the Chief Guest and Sh. K.V.S. Rao, Director (Plan), DEPwDs, Ministry of Social Justice & Empowerment, Govt. of India was the Guest of Honour of the program and Prof. (Dr) Sanjay Keshkar was the key speaker. The objective of CME was giving an insight (and expertise) to



Faculties, Doctors, PG students regarding conceptualization, methodology, execution, errors and critical analysis of research work for publication in reputed indexed journals. Total of 140 participants including faculties of Institute, members of WBOA, several editors & reviewers of reputed journals, Doctors, Senior faculties members of different medical colleges of Kolkata and PG students participated in the seminar.

- **The Department of Physiotherapy, NILD (Divyangjan), Kolkata has organized Seminar as continued physiotherapy education program on "The Scope of Physiotherapy in Acute Care - A Case Based Analysis" for physiotherapists at NILD auditorium on 05th March, 2020.**

Dr. Sujoy Bose, Associate Professor at School of Physical Therapy, College of Health Profession, Marshall



University, West Virginia, USA; the resource person of the program has elaborately explained and discussed various case based analyses in acute care and scope of physiotherapy. Total 54 (Fifty Four) BPT Final year, Intern and post-graduate (MPT) students along with staff members of Physiotherapy department of NILD has participated in the program.



- Lecture delivered by **Mr. Pravin Kumar, Assistant Professor (PT)** on "Physiotherapy & Rehabilitation of Cerebral Palsy" At 64th International Annual IOACON-2019, organized by the Indian Orthopedic Association held on 22nd to 24th November 2019 at Kolkata.



- Lecture delivered by Mr Pravin Kumar, Assistant Professor (PT) on "Role of Physiotherapy in Scoliosis" at 1st Kolkata Spine Deformity Conference" organized by the Operation Straight Spine Trust at IPGMER, Kolkata held on 29th February 2020.

- **Ms. Shriya Das, Clinical Tutor**, participated and presented a paper on "Effectiveness of EMG-Biofeedback along with Pelvic Floor Muscle training on Stress Urinary Incontinence following PNS & CNS Vasculitis - A case report" in PTCON-2019 organized by PPTWA, Kolkata, held on 19th to 21st October 2019 at Jalpaiguri, West Bengal.



- **Mr. Bibhuti Sarkar, Demonstrator (PT)** attended 43rd Annual Conference of Indian Society for Surgery of the hand (ISSHCON-2019) held at Puri, Odisha from 13th to 15th Sept. 2019.
- **Mr. Bibhuti Sarkar, Demonstrator (PT), Ms. Shriya Das, Clinical Tutor & Mr. Nilanjan Sarkar, Clinical Tutor**, attended National Seminar on "Research methodology & Scientific publication" on 29th September 2019 held at NILD, Kolkata.



- **Mrs. Swapna Jana**, Physiotherapy Assistant of PT Department, NILD (Divyangjan), Kolkata attended a training programme on "MS OFFICE- Advanced Feature" on 07.01.2020 held at Institute of Government Accounts and Finance, Regional Training Centre of Govt. of India, 3rd Floor, 15, R.N. Mukherjee Road, Kolkata -700001.
- **Mr. Pravin Kumar, Assistant Professor (PT)** attended two training programme on "Team Building and Leadership" on 21.01.2020 and on "Vigilance Matters, Disciplinary Proceedings, Prevention of Corruption Act, CVC Act, Guidelines and other related Laws" on 03.02.2020 & 04.02.2020 held at Institute of Government Accounts and Finance, Regional Training Centre of Govt. of India, 3rd Floor, 15, R.N. Mukherjee Road, Kolkata -700001.
- ❖ All the staff members of the department were actively involved in coordinating and organizing different programs like International Day for PwDs, Swachh Bharat Abhiyan, Independence Day, Hindi Diwas etc.



DEPARTMENT OF OCCUPATIONAL THERAPY

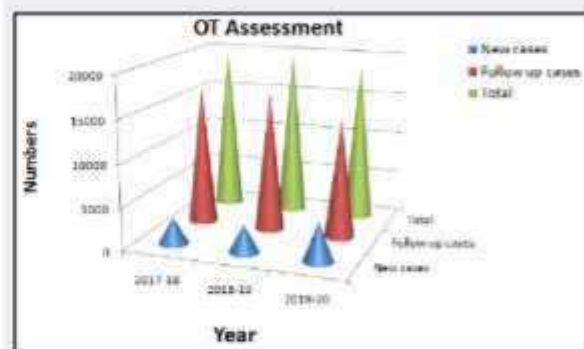
N
I
L
D

The Department of Occupational Therapy is primarily involved in teaching, research and occupational therapy services to the persons attending the OPD, IPD and outreach camps. The therapeutic services to the patient's were given through indoor, outdoor & outreach services and teaching/training to the students under the department and undergoing training in other departments and research etc.

No. of Cases registered in Dept of O.T.	2017-18	2018-19	2019-20
New cases	3050	3210	4541
Follow up cases	16471	16387	14116
Total	19521	19597	18657

To improve the functional performance of PWDs in their activities of daily living (ADL), an individualized & customized approach for assessment & Occupational Therapy was used. With the modern gadgets in the department, services were also used in work assessment, modification in work station to improve efficiency and to reduce loss of man-days in the industrial set-up.

Designing and development of adaptive & assistive devices were other important areas of occupational therapy department. Apart from the services to the disabled patient, human resource development through long and short term training programs, refresher courses for therapist and research programs were also conducted.



Activities of the Department were extended through following sub-units.

- General Occupational Therapy Unit
- Pediatric Occupational Therapy Unit
- Sensory Integration Therapy unit
- ADL training Unit
- Splint and Adaptive devices
- Hand therapy unit
- EMG Bio-feedback Unit
- Indoor OT services
- Computerized Hand Evaluation
- Whole Body Vibrator
- BTE



Unit wise O.T. Services	Year		
	2017-18	2018-19	2019-2020
Activity Therapy (General and Hand)	14754	12483	13722
Pediatric Occupational Therapy (NDT&SI)	10998	14305	9948
Training in Activities of daily Living	8150	7911	6217
Hand Splints/Assistive devices	76	72	23
Fluido Therapy	196	168	35
Specialized hand Training	70	64	33
Manual w/c skill Training	2264	2612	833
Group Therapy	153	156	149
Recreational Therapy	2488	2364	1389
Continuous Passive Motion* (Lower limb)	13	243	461
Bedside therapy for Indoor (RSU, RW, Cabins & SCI wards)	3618	3028	2972
Biofeedback Training	-	-	103
Sensory Integration Therapy	-	-	1735
Whole Body Vibration Training	-	-	143
Whole Body Vibration Training	-	-	892
Total	42780	43406	42127

Academic Activities :

Dept. of OT conducts two long terms academic programs namely "Masters of Occupational Therapy in Orthopedics (MOT)" & "Bachelor in Occupational Therapy (BOT)" of two and four & half years duration respectively. These courses are affiliated to the West Bengal University of Health Sciences. The degree course (BOT) is followed by compulsory internship of six months duration.

During the last academic sessions 51 students were admitted in first year Bachelor of Occupational therapy (BOT) including students from north eastern region and 06 students were admitted in the Masters of Occupational Therapy (MOT).

Year wise Details of admissions in BOT and MOT :

Course	Intake Capacity	TOTAL ADMISSION		
		2017	2018	2019
BOT	51	46	51	51
MOT	06	05	06	06

Other important Academic Activities :

- Clinical and academic activities were performed in various sub units of the department under supervision of faculty/staff members.



- Post graduate students and Interns had participated in various short-term training programs of the Institute.
- BOT Interns were posted to The Leprosy Mission, Kolkata as a part of rotational Internship posting.
- Six Post graduate Dissertation work was conducted and is ready for submission to the West Bengal University of Health Sciences, Kolkata under the guidance of faculty members of OT department:
 1. Effect of task related circuit training on walking speed and endurance of children with spastic hemiplegic cerebral palsy.
 2. Comparison effect of conventional Occupational Therapy with and without Baltimore Therapeutic Equipment (attachments) 151, 162, 302, 303) on hand function and Occupational performance in adult hemiplegic stroke.
 3. The effects of Kinesiotaping on grasp and release in children with spastic cerebral palsy, having thumb in palm deformity.
 4. The effects of Whole Body Vibration on quadriceps muscle strength, balance, and mobility in children with spastic diplegic cerebral palsy.
 5. To determine the effects of Whole Body Vibration (WBV) and use of neoprene knee sleeves on pain, strength and Activities of Daily Living (ADL) in patients with primary knee osteoarthritis.
 6. Effectiveness of task oriented EMG Biofeedback on gait velocity and lower extremity function in individuals with chronic stroke- A learning approach.
- **Six proposal of Post graduate dissertation for 2019-20** were presented in the Institute Scientific committee and after approval of the Institute's Ethical committee the same will be submitted to the West Bengal University of Health Sciences, Kolkata under the guidance of faculty members of OT department.

Research Publication/Higher qualifications :

- ❖ Mrs. Rupali Sen, A.P.O.T is pursuing PhD in Occupational Therapy at NRS Medical College and Hospital, Under WBUHS.
- ❖ Mrs. Damayanti Sethy, Lecturer (O.T), is pursuing PhD in Occupational Therapy, Under Siksha O Anusandhan University, Odisha.
- ❖ Eva Snehlata Kujur : "Effect of postural balance training on gait parameters in children with cerebral palsy", International Journal of Applied Research, Vol.9 (5), May-2019.



- ❖ Eva Snehlata Kujur, Complex Regional Pain Syndrome after surgery of metacarpophalangeal dislocation of the index finger: case report and fluid otherapy, Global journal of research analysis Vol-08, issue-10, oct-19.

Dissertation by MOT Students :

1. Effectiveness of task - oriented EMG biofeedback on gait velocity and lower extremity function in individuals with chronic stroke: a motor learning approach



2. Comparison effect of conventional occupational therapy with and without BTE on hand function and occupational performance in adult hemiplegic stroke



3. To determine the effects of Whole Body Vibration (WBV) and use of neoprene knee sleeves on pain, strength and Activity of Daily Living (ADL) in patients with primary knee osteoarthritis

Activities in the Department of Occupational therapy by the Staff members :

World Occupational therapy day 27th October, 2019 Celebration on (30th Oct, 2019) :



Patients Recreational Activities, Students Drama & Dance, Prize Distribution



CELEBRATION OF WOMENS DAY (8th MARCH), FROM 4th TO 6th MARCH, 2020



Lamp Lighting, Inaugural Song, Seminar Presentation, Gifts for women staffs and faculties, we shall over song by all women employees of NILD KOLKATA



- Celebrated "World Autism Awareness Day" on 2nd April, 2019 by department of Occupational Therapy
- Mrs. Eva Snehlata Kujur, Lecturer (OT), deliver lecture on autism awareness program on world autism awareness day at KIDZEE SCHOOL BARANAGAR, KOLKATA on 2nd April 2019.
- Mrs. Damayanti Sethy, (Lecturer OT) and Eva Snehlata Kujur conducted right to information program on 30/08/19.
- Department staff Mrs. Rupali Sen, A.P., O.T and Mr. Jeetendra Mohapatra, Lecturer (O.T) attended the program.
- Mrs. Rupali Sen A.P., O.T and Mr. Jeetendra Mohapatra, Lecturer (O.T) attended a workshop on hand surgery at puri on 12/09/19 to 15/09/19.
- Mrs. Rupali Sen, A.P., O.T, delivered Lecture on Play Therapy in CP Children at Indian Institute of Psychometry, Govt of India at Dunlop Kolkata.
- Mr. Jeetendra Mohapatra, lecturer (O.T), Mrs. Eva Snehlata Kujur, Lecturer (O.T), and Mrs. Damayanti Sethy Lecturer (O.T), attended CME on Research Methodology on 29/09/19.
- Mr. Jeetendra Mohapatra, Lecturer, O.T attended a 43rd Annual Conference of Indian Society for Surgery of the hand (ISSH) from 12/09/19 to 15/09/19.
- Mr. Jeetendra Mohapatra, Lecturer, O.T Mrs.Eva Snehlata Kujur, Lecturer (O.T) acted as committee member for CME on 'Research Methodology and scientific publication on 29/09/19.
- Mr Jeetendra Mohapatra, Lecturer (O.T), acted as committee member on special need towards inclusive services in India from 16th-17th Nov, 2019.
- Mrs. Rupali Sen, A.P., O.T, conducted workshop on understanding Autism and Sensory Integration in Alumni program of National Institute for locomotor Disabilities on 21/12/2019.
- Mrs. P. Rani Demonstrator, O.T, and Mrs. Damayanti Sethy, Lecturer (O.T), Co-ordinated the sit and draw competition on 3rd December 2019 on International Day of PwDs .
- Mrs. Eva Snehlata kujur, Lecturer (O.T), and Mrs. Damayanti Sethy, Lecturer (O.T) attended one day training on RTI in the Ministry of finance Kolkata on 22/01/20.
- Mrs. Eva Snehlata Kujur, Lecturer (O.T), delivered lecture on Disability and Rehabilitation on 27/02/20 in Rabindra Bharati University
- Mr. Jeetendra Mohapatra, Lecturer (O.T), attended the meeting under the chairpersonship of Smt. Tarika Roy, J.S., DEPwDs on 12/02/20.at the conference Hall Antrodaya Bhawan.CGO complex, New Delhi to discuss the process in establishment of Early Intervention center and preparatory school.
- Mr. Jeetendra Mohapatra, Lecturer OT, Co-ordinated to Annual Sports 06/04/19 to 15/04/19.



VISIT OF HON'BLE PRESIDENT OF INDIA

HON'BLE PRESIDENT OF INDIA VISITED OT
DEPARTMENT ON 1ST OCTOBER, 2019



SENSORY INTEGRATION UNIT INAUGURATED BY HONOURABLE PRESIDENT OF INDIA

SENSORY INTEGRATION INVOLVES
SPECIFIC SENSORY ACTIVITIES TO HELP A
CHILD APPROPRIATELY RESPOND TO
LIGHT, SOUND, TOUCH, SMELLS AND
OTHER INPUTS

**SENSORY INTEGRATION
THERAPY AIMS TO HELP
KIDS WITH SENSORY
PROCESSING ISSUES BY
EXPOSING THEM TO
SENSORY STIMULATION IN
A STRUCTURED
REPETITIVE WAY**