

Pravara Institute of Medical Sciences
(Deemed to be University)
University Established under section (3) of UGC Act
NAAC Re-accredited with 'A' Grade (CGPA 3.17)
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## Report on

## Visit of International faculty Dr. Rachel Allen-Mc-Hugh Occupational Therapist from Drake University Iowa USA to Dr.APJ Abdul Kalam College of Physiotherapy:

Dr. Rachel Allen-Mc-Hugh from Drake University Iowa USA visited Dr. A. P. J. Abdul Kalam College of Physiotherapy in January 2023 as a part of the faculty and student exchange program between PIMS (DU) & Drake University, USA.

On 4<sup>th</sup> January the first day of her visit Dr. Rachel Allen-Mc-Hugh had a meeting with the Principal, Dr. A. P. J. Abdul Kalam College of Physiotherapy, Dr. R. K. Sinha and the discussion was focused on expected outcomes of this visit and future collaborative activities.

On 5<sup>th</sup> January Dr. Rachel Allen-Mc-Hugh delivered a guest lecture on "Life skills for Adolescents" for students of Dr. APJ Abdul Kalam College of Physiotherapy and School of Public Health and Social Medicine. Following the guest lecture there was an interaction with the faculty members of Dr. APJ AKCOPT.

Faculty interaction program was followed by an orientation tour and introduction to all the departments of Dr. APJ Abdul Kalam College of Physiotherapy. Dr. Rachel was accompanied by Dr. Nupoor Kulkarni, coordinator of Research & Collaboration during her visit to all the departments and she introduced her to the faculty members in each department who explained regarding the work being done and also gave a brief description regarding the work being done by their respective departments.

She then visited the SPR Ward at Pravara Rural Hospital to see the patients admitted under Smt. Sindhutai Vikhe Patil Spinal Cord Injury Rehabilitation Centre. Dr. Mayuri Laddha, Dr.Jasmine Shaikh, Dr.Prajakta Shah the 2<sup>nd</sup> year PG students of Dr. APJ AKCOPT and Mr. Lalit Sinare explained her regarding the ADLs and activities performed by the SCI patients.

A visit to various ICU and wards of Pravara Rural Hospital was also arranged and she had an interaction with the patients admitted in the hospital. Treatment strategies for premature infants, early intervention therapy, NICU stay and chest physiotherapy etc. were explained by Dr.Sanika Balpande and Dr.Shadab Khan from Pediatric Physiotherapy department.



During Dr. Rachel's visit to ICU, PGs from department of Cardio-respiratory PT Dr. Sanika Ghodinde and Dr.Shreya Gadre explained her the various evidence based physiotherapy approaches being practiced along with recent advances in Cardio respiratory Physiotherapy in MICU-CCU and SICU.



During her visit to the wards of Pravara Rural Hospital Dr. Bhakti Kardile & Dr. Sonali Akolkar PGs from Dr. APJ AKCOPT explained regarding the treatment protocols and evidence based physiotherapy for the patients referred to Community Physiotherapy department.

Dr. Akshay Namotha and Dr.Asmita Kale PGs from NeuroPhysiotherapy Deartment explained the diagnosis, current treatment and goals for patients refered to Neurophysiotherapy department. Dr.Jasmine briefed her about patients refered to Neurophysiotherapy department from ICU.







# **Department of Orthopaedic Physiotherapy:** In Orthopaedic Physiotherapy Department Dr. Rachel was briefed about the conditions treated in the department and also the system being followed for referral of patients to the department. After the formal introduction of the faculty members in the department she was also briefed about the cases referred for Physiotherapy and the treatment given to them.



**Department of Electrotherapy and Kinesiology** Dr. Rachel was briefed about the both the laboratories and was explained about the modalities in the department and their use for rehabilitation of the patients.





# **Department of Cardio-respiratory Physiotherapy:**

During her visit the Cardio-respiratory Physiotherapy department Dr. Rachel was orientated about department of Cardio-respiratory Physiotherapy by Dr. Saumi Sinha, HOD who explained the various evidence based physiotherapy approaches being practiced along with recent advances in Cardio-respiratory Physiotherapy.



**Department of Community Physiotherapy**: In a visit to Department of Community Physiotherapy Dr. Rachel was informed about Community health care activities undertaken by the department and also the research conducted at community level by Dr. Deepali Hande, HOD Community Physiotherapy. It was followed by an interaction with the staff members and PG students of the department.





**Neuro physiotherapy Department:** Dr. Rachel visited the Neuro Physiotherapy Department on 6/1/23. Dr. Ketaki Patni Incharge of the department showed her the OPD equipments and also explained about the type of patients coming to the department. She also met some patients in the department and she was explained about the treatment being given to them by the faculty and PG students.





Dr. Rachel also visited the EMG NCV Lab and she was happy to see machines with such advanced technologies in rural areas. She appreciated the department for providing such facilities to the rural people.



Dr. Rachel had an interactive session with post graduate students in the afternoon. She discussed regarding the recent trends in Occupational therapy and also the Indian students' perspective about occupational therapy.



### Visit to Smt. Sindhutai E. Vikhe Patil SCI Rehab Centre:

Dr. Rachel visited the SCI Rehab Center on 7/1/23. An introduction was given by Dr. Deepali Hande about Smt. Sindhutai E. Vikhe Patil SCI Rehab Centre established under the international collaboration.





Dr. Ketki Patni and Dr. Susan Jose introduced her to the Rehab Centre and the various rehabilitation activities that were conducted on a regular basis for the SCI patients. Dr. Rachel enthusiastically joined the patients for a chair aerobics session conducted from 9.30-10am. It was followed by group activity and games that facilitated upper limb use and fine motor activity were played.









Dr. Rachel said that she was very happy to see how enthusiastic our patients are and that the rehab team is doing a very good job. The day ended with a group photo.





**Department of Prosthetics and Orthotics:** In Department of Prosthetics and Orthotics Dr.H.K.Rathod, HOD oriented her about the departmental activities. Further he also explained

the types of services they are extending to the patient under Artificial limb centre for regaining patients functional independence and hence improving their Quality of life.





At the end of program, the feedback and exit meeting with Dr. Rachel was conducted at the office of the Principal. Dr. Rachel told that she was extremely pleased to see the type of physiotherapy and rehabilitation services offered by the institute to the rural population.

Coordinator
Research & Collaboration Committee
Dr. APJ AKCOPT

Principal
Dr. APJ AKCOPT
PIMS-DU