

INSTRUMENTATION SECTION



U Po Htwe

BSc (Mathematics)(YDE), ETEC(Electrical)

1. Historical Background

Since the establishment of the Burma Medical Research Institute in 1963, and before renaming it into the Department of Medical Research in 1972, the Instrumentation Division was included with an awareness of the necessity of the instrumentation services. The main purpose of the Instrumentation Division is to provide repair and maintenance services for research and laboratory medical equipment in which U Toe Myint was the first Head of the Division. Initially there were only 2 engineers and 3 technicians whereas the working space was only 500 sq. ft. with very few basic tools and test equipment. In 1972 the Australian Government under the Colombo Plan donated tools, test equipment and basic electronic components. In 1980, Japan International Cooperation Agency provided training and some basic tools for maintenance and repair of the laboratory equipment donated by the Japanese Government. The working space was increased to 1000 sq.ft. in 1976 and to 2000 sq.ft. during the (1982-86) Four-Year Plan period and working rooms have been re-arranged and renovated to accommodate separate electronic, electrical, mechanical and optics sections. Instrumentation division had hosted three K.O.Vs in the year 2007 under the framework of technical exchange and development programme between the D.M.R and K.O.I.C.A. Significant amount of tools, spare parts, and test equipment were also donated by the K.O.Vs under the project.

2. Former Heads

Sr. No.	Name	Degree	Year (From-To)
1.	U Toe Myint	ME (Electrical)	1964-1980
2.	U Soe Myint	MSc (Physics)	1980-1991
3.	U Tial Ling	MSc (Physics)	1991-2005
4.	U Hla Shein	AGTI (Electrical)	2005-2007
5.	U Maung Maung Gyi	BSc (Physics), DAP(Electronics)	2007-2015

3. Current Staff

No.	Name	Designation	Contact Phone No. Email:
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3.	Daw Yin Ei Kyaw	Research Officer	09420133836 yinei4444@gmail.com
4.	Daw Aye Nwe Soe	Research Officer	09420155457 ans34@gmail.com
5.	U Htain Lin	Research Officer	09423553308
6.	U Myint Zaw	Research Officer	09972651610
7.	U Kyaw Moe Swe	Technician 2	09795629525
8.	U Phyo Min Oo	Technician 2	09970501177
9.	U Tin Ko Kyi	Technician 2	095003184
10.	Daw Yu Yu Maw	Technician 2	09450016121
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16.	U Sint Than	Technician 3	09771673267
17.	U Myo Min Aung	Technician 3	09966208881
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19.	Daw Thazin Oo	Technician 4	09456327435 ndi2825@gmail.com
20.	U Aung Kyaw Phone	Technician 4	09792514128
21.	U Aung Ko Hein	Technician 4	09450718928 1982zayarkyaw @gmail.com

At Present, the Instrumentation Division has a lot of 20 staff members. The responsibility of the Instrumentation Division is to technically support DMR in its research activities. It has three main labs such as (1) Electronics, (2) Electrical and (3) Mechanical with specialized expertise in each respective fields to provide effective and reliable service in installation, repair and maintenance of various types of Laboratory Equipment, Electricity, Air-con, Refrigerator, Freezer, Water & Piping System , Civil Work and PA (Conference System) in the whole department.

4. Area of Research Activities

No.	Area of Research Activities	Choice
1.	Communicable Diseases	
2.	Non-Communicable Diseases	
3.	Nutritional Factor	
4.	Research Capacity Strengthening	
5.	Health System Research	
6.	Environmental Health	
7.	Traditional Medicine	
8.	Research Culture Promoting	
9.	Technology Development	√