

MS-MLT Programme Details

Master of Science in Medical Laboratory Technology (MS-MLT) is a **3 years** special programme offered by **Birla Institute of Technology and Science (BITS)** as an off - campus course for eligible graduates in life sciences, conducted at Medical Research Foundation, Sankara Nethralaya, and Chennai. Short-listed candidates take up an entrance examination and an interview for getting admission. Structured classes are conducted for 2 years in Biochemistry, Microbiology, Genetics and Molecular Biology, Hematology, Histopathological techniques as well as in Anatomy, Physiology Blood banking, Epidemiology, Technical communication and Biostatistics. Finally in the 3rd year the one-year internship programme, acts as a dive board to directly plunge into research projects.

The candidates with B.Sc., in biological sciences with adequate exposure to Biology and Chemistry or those who have cleared the courses of the Integrated First Degree programmes of BITS are eligible for admission to this programme after undergoing an entrance examination. The emphasis is laid on the development of higher levels in biomedical technology skills apart from higher scientific knowledge in conducting research in the above-mentioned paramedical sciences. So far, 85 students in ten batches have passed out from the year 1998 onwards, and 44 of them have pursued higher studies leading to Ph.D. programmes and till date 15 of them have obtained their Ph.D in their specialties in various universities and countries.

MASTER OF SCIENCE IN MEDICAL LABORATORY TECHNOLOGY
BIRLA INSTITUTE OF TECHNOLOGY AND SCIENCE
&
MEDICAL RESEARCH FOUNDATION

***Year wise statistics on the no. of candidates enrolled and their present status with regard to employment and/or pursuit of further PhD programme**

ACADEMIC YEAR	No. of candidates enrolled	No. of candidates working in India	No. of candidates working abroad	No. of candidates enrolled for PhD	No. of Candidates completed PhD
1995-1998	8	3	4	-	6
1996-1999	5	3	2	1	3
1997- 2000	8	3	3	-	5
1998- 2001	8	6	2	1	7
1999-2002	8	2	3	2	3
2000-2003	7	1	2	4	2
2001-2004	4	3	-	3	-
2002-2005	4	4	-	4	-
2003-2006	8	5	-	3	
2004-2007	4	4	-	2	
2005-2008	7	7	-	2	
2006-2009	7	6	1	-	
2007-2010	7	ENROLLED AS MSMLT STUDENTS			
2007-2011	4	ENROLLED AS MSMLT STUDENTS			
2009-2012	3	ENROLLED AS MSMLT STUDENTS			
TOTAL	92	47	17	22	26

- Number of Batches Passed out (1998-2009) - 12 batches
- Number of candidates passed out - 78 Candidates
- Number of Awarded Ph.Ds - 26 Candidates