



FOREWARD



Since the inception in 1998, Military institute of Science and Technology (MIST) has continued to pursue to uphold its motto “Technology for Advancement”. Within this short span of time MIST emerged as a leader in the high quality education and also became a beacon of light for scientific and technological progress of Bangladesh.

In the annals of MIST, 2010 will be a landmark year. This was the year when MIST implemented “Online Admission System–A Steep towards Digital Bangladesh” in accordance “Government’s Vision 2021” to set up Digital Bangladesh. In this year it has been decided that rather than resting on only undergraduate programmes; MIST would embark on postgraduate courses aimed at increasing its profile, enriching its academic offerings and broadening its reach. In this year MIST has introduced “OSMANY MEMORIAL MEDAL” to encourage young talents. It was also the year when MIST introduced “MIST BLUE” for excellent performance in games and sports.

Starting with only 40 military students in civil engineering Department, today within a decade MIST has five engineering departments including Aeronautical Engineering, first of this kind in Bangladesh. Presently MIST has 1172 students from both home and abroad in various departments. So far 1187 students have been graduated from MIST. Many of them are pursuing higher studies in both home and abroad. Some of them are serving in different educational institutes, government and non government organisations. Feedback from employers is encouraging.

It gives me immense pleasure to see the third issue of MIST journal GALAXY (DHAKA)-2011 that marks another milestone in the ongoing growth and progress of MIST. In this journal topics are dealt with great care and in a scientific manner. I would like to express my utmost appreciation to all the contributors of articles, who amidst their busy duties displayed a high standard of commitment. Every page of this publication reflects the merits and wisdom of the writers which will certainly draw the attention of esteemed readers. I hope that MIST will continue its noble effort in publishing the journal every year and all the time earn a new glowing feather in its glittering crown.

I would like to express my best wishes and felicitations to the editorial board and associated personnel, who had put in their sincere efforts for the publication of GALAXY (DHAKA)-2011 in an elegant form.

MAJOR GENERAL MOHD HABIBUR RAHMAN KHAN, ndc, psc

Commandant

Military Institute of Science and Technology.

&

Chief Patron