

MILITARY  
INSTITUTE  
OF  
SCIENCE AND  
TECHNOLOGY



MIST  
MAGAZINE

TECHNOLOGY FOR ADVANCEMENT  
CENTER OF EXCELLENCE

16<sup>th</sup> Graduation Ceremony  
31 January 2018

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## **MILITARY INSTITUTE OF SCIENCE AND TECHNOLOGY (MIST) MIRPUR CANTONMENT**



**INAUGURAL CEREMONY OF MIST  
ON 19 APRIL 1998**

**HONOURABLE PRIME MINISTER OF PEOPLE'S REPUBLIC OF BANGLADESH  
SHEIKH HASINA UNVEILLING THE FOUNDATION PLAQUE**



## MESSAGE



**Minister**



I am delighted to know that MIST is going to celebrate its 16<sup>th</sup> Graduation Ceremony on 31 January 2018. On this day, MIST is crossing another landmark of success in the field of technical education and contributing significantly in the process of building a technology based prosperous nation. I congratulate all the graduating students for successfully completing their academic curriculum.

Establishing MIST by the Honourable Prime Minister Sheikh Hasina was a milestone in the history of technical education in Bangladesh. Since its inception in 1998, MIST has excelled a long way and established itself as a “Center of Excellence” in the domain of technical innovation. Its competency supporting the effort of the Government in creating Digital Bangladesh. Within a span of only 19 years, MIST has grown into a full-blown institute with its own campus and 12 departments under four faculties where more than two thousand eight hundred twenty four civil and military students pursue their study. It has also established its credibility in the field of research and development in home and abroad.

The present government started materializing Digital Bangladesh in 2009 using digital technology as the key driving element. I am very happy to know that MIST is contributing a lot in achieving this goal by providing computer and ICT education to our youth and future leaders.

The global scenario is continuously changing with the innovation of new technologies and proliferation of multi-dimensional challenges. I am sure that MIST graduate will be able to mitigate all future challenges identifying the problems, formulate and develop complete engineering solutions leading to social and economic development of Bangladesh.

On this auspicious occasion, I appreciate the faculty members and staffs for their relentless efforts for successful conduct of all academic activities. I hope the graduates would utilize their full potential not only in nation-building but also establishing their footprint across the globe.

I wish the 16<sup>th</sup> Graduation Ceremony of MIST a grand success.

**Nurul Islam Nahid, MP**  
Minister, Ministry of Education  
and  
Chairman Council of MIST



## MESSAGE



### Chief of Army Staff



It gives me immense pleasure to learn that 16<sup>th</sup> Graduation Ceremony of MIST will be held on 31 January 2018. MIST has been working relentlessly, enhancing its professional image of excellence to fulfill the long cherished desire of Armed Forces. It is now appropriately treading with its ultimate motto – “Technology for Advancement”. Keeping the motto in heart, the faculty and staff in MIST are striving hard to craft MIST as the “Centre for Excellence”. Today we are proud to have a premier and pristine institution for higher education like MIST.

MIST through its persistent footsteps has already become a luminous example of civil-military relationship throughout the country. It is progressing steadily and by now has manifested itself as one of the notable engineering institutions of Bangladesh. I must applaud the MIST authority and the faculty members in their consistent endeavour for the growth of this marvelous institution.

I heartily congratulate the graduating students on this auspicious occasion wishing them a bright future in their ensuing professional career. My wholehearted appreciation also goes to the teaching faculty and staff for their unwavering commitment and resolve in achieving all round success. I wish 16<sup>th</sup> Graduation Ceremony of MIST a grand success.

**ABU BELAL MUHAMMAD SHAFIUL HUQ**  
General  
Chief of Army Staff  
and  
Vice Chairman, Council of MIST



## MESSAGE



### Chief of Naval Staff



'Bismillahir Rahmanir Rahim'

It is a matter of immense pleasure to see that MIST, a pioneer technical academic institute, is completing 16<sup>th</sup> graduation ceremony this year. I am delighted to know that the students got bachelor degree just in scheduled time of 4 academic years. It is noteworthy that among 514 graduating students from six engineering disciplines, 38 students are getting degree in Naval Architecture and Marine Engineering for the second time. I would like to convey my heartiest congratulation to all graduating students. I also appreciate the faculty members and staff of MIST for their sincere effort and relentless hard work in order to ensure quality education of international standard over the years.

Inauguration of MIST by the Honourable Prime Minister Sheikh Hasina on 19 April 1998 was a landmark in the history of technical education in Bangladesh. Pursuing the motto "Technology for Advancement" since inception, MIST has been assuring the scientific development of human resources both in military and civil domain in proper confidence. Research, development and application of technology can take a nation to a great and respectable position. With the encouragement and patronization of the present government, all three services of armed forces have now been transformed into highly technology based organization. In doing so, MIST has a very encouraging role to play in all the fields of engineering and technology. Bangladesh Navy expects that Department of Naval Architecture and Marine Engineering in MIST will keep doing well along with all other departments. We would like to see that the graduates are confident and competent to contribute enough in shipbuilding and development of other maritime sectors at home and abroad.

I assure my continuous support for MIST in pursuing its goal to grow into 'Centre of Excellence' to meet the technological prowess of national and international arena.

**NIZAMUDDIN AHMED**

Admiral

Chief of Naval Staff

and

Vice Chairman, Council of MIST



## MESSAGE



### Chief of Air Staff



On this auspicious occasion of 16<sup>th</sup> Graduation Ceremony, I would like to congratulate all the bright graduating engineers for successful completion of their journey at MIST.

Military Institute of Science and Technology (MIST), is a harbinger technical institute of Armed Forces, is making remarkable stride in nourishing and empowering our personnel with arduous effort to achieve its motto "Technology for Advancement". It has expanded her academic curriculum into 12 departments and introduced MSc and PhD programme in CE, EECE, ME, CSE and NSE departments. I am delighted to know that, MIST has introduced MSc programme in AE department since last year and I hope that, this department will introduce PhD programme in near future to contribute significantly in the development of Aviation sector of Bangladesh. The recent renewal of accreditation of ME, EECE and CSE department of MIST by "The Board of Accreditation for Engineering and Technical Education (BAETE)" is a strong proclamation of the remarkable professionalism and impeccable standards of MIST.

I wish MIST would continue its workflow and engage in wider aspect and hope to earn a better prospect in the days to come. May the Almighty Allah bless us all.

**Air Chief Marshal Abu Esrar**, BBP, ndc, acsc  
Chief of Air Staff  
Bangladesh Air Force  
and  
Vice Chairman, Council of MIST



## MESSAGE



### Principal Staff Officer

Military Institute of Science and Technology (MIST), under the umbrella of Armed Forces Division (AFD) started its noble journey on 19 April 1998 inaugurated by the then Honourable Prime Minister of the People's Republic of Bangladesh Sheikh Hasina. Since then, authorities along with academicians of MIST are putting their best efforts to develop potential professionals with utmost sincerity. I strongly believe that, the endeavor to make MIST the 'Centre of Excellence' around the globe is not far away.

The rapid advancement in science and technology has brought about numerous positive changes in the modern life. These developments can equally present us with newer and more diverse security issues. The ethical dimension in the technological development is thus very important. We should intrinsically focus on the capacity building to face the future challenges as well. Our drive should not only be limited to making capable engineers, we also need ethical and virtuous engineers to serve the nation better and the humanity as a Whole.

Today I am delighted to learn that 514 students are receiving their graduation degree in this 16<sup>th</sup> Graduation Ceremony of MIST. I express my heartfelt greetings and compliments to the graduating students for their stupendous achievement. I would also take the opportunity to congratulate the faculties and staff for their relentless efforts in pursuit of excellence of MIST.

May Allah bless us all.

**Lieutenant General Md Mahfuzur Rahman**, rcds, ndc, afwc, psc, PhD  
Principal Staff Officer  
Armed Forces Division



## MESSAGE



### Engineer in Chief



Bismillahir Rahmanir Rahim.

It is an immense pleasure for me to send off this message on the auspicious occasion of the 16<sup>th</sup> Graduation Ceremony of MIST. Since its inception, over the last 19 years MIST has triumphed to become one of the leading and prominent Engineering Institutions in Bangladesh. The glorious past of MIST makes us feel much proud of our achievements. Starting with the first batch in 1999 till today, MIST has accomplished an amazing transformation. Over the last few years MIST has gone and been going through continuous transformation and attracting attention, sincere admiration of faculties and professionals of home and abroad. At the same time, MIST is looking forward towards for playing a multi-dimensional role in materializing the dream of a 'Digital Bangladesh' as envisaged by our honourable Prime Minister Sheikh Hasina.

I am happy to know that total 514 students are graduating from Civil Engineering (CE), Computer Science and Engineering (CSE), Mechanical Engineering (ME), Electrical Electronic and Communication Engineering (EECE), Aeronautical Engineering (AE) and Naval Architecture and Marine Engineering (NAME).

I feel proud to note that a good number of students of MIST participated in world level competition in Malaysia, Nepal and India, where they achieved recognition for this institution in 2017. Delegation teams from MIST visited few renowned universities and educational institutes of Malaysia, Thailand and India in this year. Besides these, some of the faculty members has participated and presented their research paper in international conferences in UK, Singapore, Japan, Malaysia, Indonesia, Nepal and India.

On this glorious event of the 16<sup>th</sup> graduation ceremony, we reaffirm the motto of MIST "Technology for Advancement" and pledge to live up to the mission. On this memorable occasion, I congratulate the graduating students on their success. I also congratulate the proud parents and faculties for their incessant support and admirable roles behind the success story.

I am confident that with the inculcated knowledge and skills the graduates will surely have a positive impact in realizing the modernization and development of Bangladesh. I wish and pray for the bright future of the students as well as glorious journey of MIST. May Allah help us all.

**Major General Md Siddiqur Rahman Sarker**, SGP, hdmc, psc  
Engineer in Chief  
Bangladesh Army  
and  
Vice-Chairman, Governing Body of MIST



## FOREWORD



### Commandant



Bismillahir Rahmanir Rahim

It is indeed a matter of great pleasure for me to forward this message on the occasion of the 16<sup>th</sup> graduation ceremony of MIST. Starting with the Civil Engineering department in the year 1998, MIST now stands with 12 different solely engineering departments of latest era. Along with undergraduate studies, imparting post graduate programmes in different engineering disciplines have created a new horizon in research work of MIST. Till today total 3393 students, both civil and military, have been graduated from MIST.

In the era of technological advancement, MIST has become a milestone in imparting education to promising engineering graduates, transforming them as problem solvers, project leaders, communicators and global mentors in their respective fields. Quality education along with research is our target. We are also looking forward to materializing the dream of “Digital Bangladesh” as envisaged by our Honourable Prime Minister Sheikh Hasina.

First of all, I heartily congratulate all 514 students, who are graduating this year from 06 different engineering departments. Then I congratulate all the proud parents and faculty members for their admirable roles behind the success story. I express deep satisfaction on the relentless efforts of all members of MIST to make the graduation ceremony a success.

I express my heartfelt thanks and sincere gratitude to Honorable Education Minister Mr Nurul Islam Nahid, MP. My special thanks to the Ministry of Defense, respected CAS, CNS, COAS and PSO to AFD for their guidance and continuous support to uplift MIST at international standard. Finally, I am grateful to all the members of our regulatory bodies for their relentless contribution in developing MIST as “Centre of Excellence”.

**Major General Md Abul Khair, ndc, PEng**  
Commandant  
Military Institute of Science and Technology  
and  
Chairman, Governing Body & Academic Council of MIST



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## Council of MIST

- ❖ **Chairman:** Honourable Minister, Ministry of Education, Government of the People's Republic of Bangladesh
- ❖ **Vice Chairmen:**
  - Chief of Army Staff, Bangladesh Army
  - Chief of Naval Staff, Bangladesh Navy
  - Chief of Air Staff, Bangladesh Air Force
- ❖ **Members:**
  - Principal Staff Officer, Armed Forces Division (AFD)
  - Secretary, MOD
  - Vice Chancellor (VC), BUP
  - Engineer in Chief (E in C), Army Headquarters (AHQ)
  - Commandant, MIST
  - Commandant, BMA
  - Commandant, BNA
  - Commandant, BAFA
  - Representative of the VC (Prof eqvt), Faculty of Science, DU
  - Representative of the VC (Prof eqvt), BUET
  - All Deans of Faculty (CE, ECE, ME and Sc and Engg), MIST
  - Representative of the Ministry of Education
  - Representative of the Ministry of Finance
  - Representative of the Ministry of Science and Technology
- ❖ **Member Secretary:** Colonel Staff, MIST

## Governing Body of MIST

- ❖ **Chairman:** E in C, Bangladesh Army / Commandant , MIST (As per seniority)
- ❖ **Vice Chairman:** E in C, Bangladesh Army / Commandant , MIST (As per seniority)
- ❖ **Members:**
  - Representative of the VC, Faculty of Science, DU
  - Representative of the VC, BUET
  - Representative of the VC, BUP
  - Dean / Senior Instructor appointed by Commandant BMA / Commandant MIST
  - Dean / Senior Instructor appointed by Commandant BNA / Commandant MIST
  - Dean / Senior Instructor appointed by Commandant BAFA / Commandant MIST
  - Director General, Training Directorate, AFD
  - Director, Military Training, Bangladesh Army
  - Director, Naval Training, Bangladesh Navy
  - Director, Air Training, Bangladesh Air Force
  - All Deans of Faculty (CE, ECE, ME, and Sc & Engg), MIST
  - Director, Research and Development (R&D), MIST
  - Director Administration, MIST
  - Representative of MOD
  - Representative of Ministry of Education
  - Representative of Ministry of Finance
  - Representative of Ministry of Post, Telecommunication and Information Technology
- ❖ **Member Secretary:** Colonel Staff, MIST



# REGULATORY BODIES

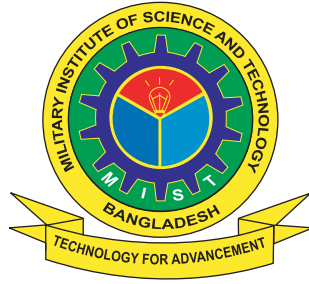
## Academic Council of MIST

❖ **Chairman:** Commandant, MIST

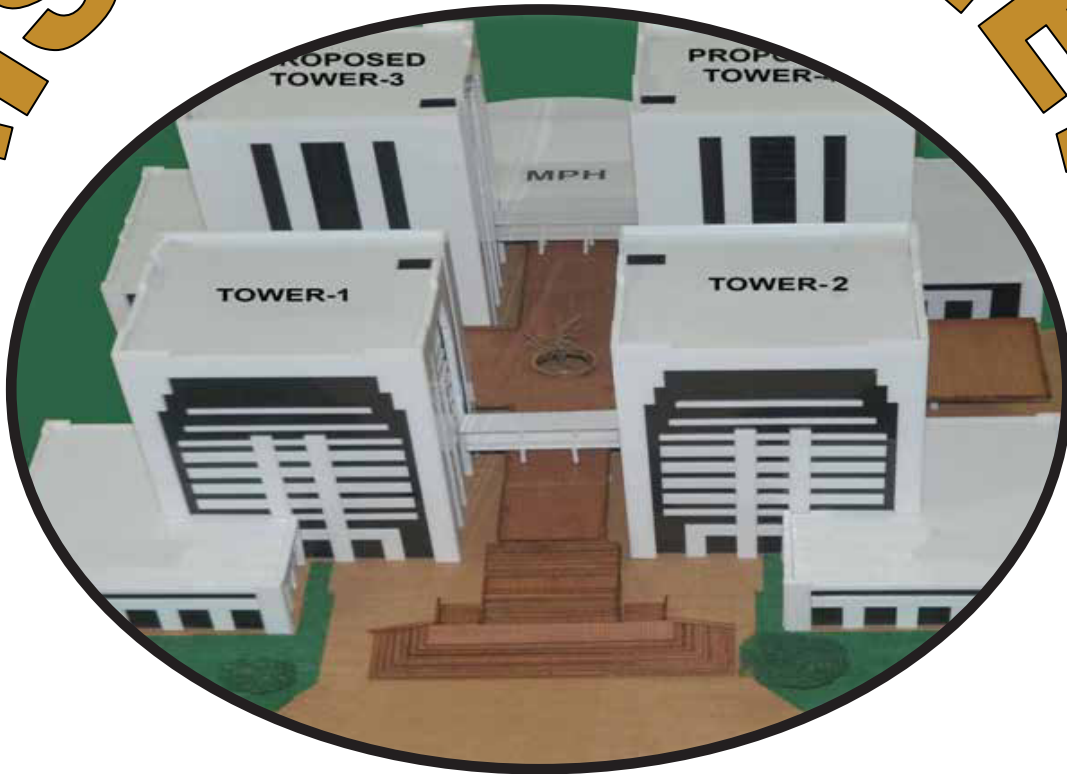
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- Representative of the VC of BUET
- Representative of the VC of BUP
- All Deans of Faculty (CE, ECE, ME, and Sc & Engg), MIST
- Representative of Commandant, Engineering Faculty, BMA
- Representative of Commandant, Engineering Faculty, BNA
- Representative of Commandant, Engineering Faculty, BAFA
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- Representative of Air Training Directorate, Air HQ
- Representative of MOD
- Representative of Ministry of Education

❖ **Member Secretary:** General Staff Officer Grade-1 (Academic), MIST



# MIST OVERVIEW





## ABOUT MIST



Military Institute of Science and Technology (MIST) is the pioneer technical institute of Bangladesh Armed Forces. It is purely a government educational institution focusing only engineering education and research. Head of the institution is Commandant who is a Major General from Bangladesh Army. MIST started its journey since 19 April 1998. It was the visionary dream of the Honourable Prime Minister of the People's Republic of Bangladesh Sheikh Hasina to establish this Institute. MIST is located on the northwest part of Dhaka City at Mirpur Cantonment. Mirpur

Cantonment is well known as the "Education Village" of Bangladesh Armed Forces. First academic programme of MIST was launched on 31 January 1999 with the maiden batch of Civil Engineering (CE). Various engineering disciplines and their year of operation are shown below:

Serial	Programme/ Department	Year of Commencement
1.	Civil Engineering (CE)	1999
2.	Computer Science and Engineering (CSE)	2001
3.	Electrical Electronic and Communication Engineering (EECE)	2003
4.	Mechanical Engineering (ME)	2003
5.	Aeronautical Engineering (AE)	2009
6.	Naval Architecture and Marine Engineering (NAME)	2013
7.	Nuclear Science and Engineering (NSE)	2015
8.	Biomedical Engineering (BME)	2015
9.	Architecture (Arch)	2015
10.	Environmental Water Resources and Coastal Engineering (EWCE)	2015
11.	Petroleum and Mining Engineering (PME)	2016
12.	Industrial and Production Engineering (IPE)	2016

MIST also offers Ph.D/M.Sc/M Engg under CE, CSE, EECE, ME, AE, NSE, BME departments and Ph.D/M. Phil under Physics, Chemistry and Mathematics Departments.

As an institution MIST is already on steady stride upholding its motto 'Technology for Advancement' and remains committed in contributing to the wider spectrum of national educational arena. It plays a significant role in the development of human resources and gradually pursuing its goal to grow into a 'Centre of Excellence'.

Foreign students were admitted first time in session 2008-09. Since then total seven students from various countries have graduated from MIST. MIST envisages creating facilities for military as well as civil students from home and abroad dedicated to pursue standard curriculum leading to graduation and post-graduation degrees. A total of 3393 students have graduated so far from this institute. The graduates are proving their worth in higher studies and professional assignments both in home and abroad with dignity and efficiency. At present, MIST has total 2824 students out of which 84% is civil students and rest 16% is military.



## ATTRIBUTES OF MIST

- ✓ Rigorous admission and selection process for best possible screening
- ✓ Interactive sessions in the classroom
- ✓ Regular guest lecturers and educational visits
- ✓ Tradition of timeliness, commitment and uninterrupted curriculum
- ✓ Flexibility in choosing competent faculties through outsourcing
- ✓ Well thought-out and continuous feedback and assessment system
- ✓ Effective teaching through innovative method
- ✓ Industrial attachment for on job training
- ✓ Emphasis on code of conduct and dress code
- ✓ Focus to develop students as good human with all possible attributes of successful leader
- ✓ Tranquil, pollution free and secure campus life

## OBJECTIVES

- ✓ To establish a prestigious academic institute for studies in different fields of engineering and technology for military personnel and civil students of home and abroad at graduate and post graduate levels
- ✓ To organize courses on military science, technology and management in various arena of interest
- ✓ To hold examinations and confer certificates of diplomas/degrees, other academic distinctions to persons who have persuaded a course of study and have passed examinations conducted by the institute
- ✓ To confer research degrees, award fellowship, scholarship, exhibition, prizes, medals and honorary degrees to persons who have carried out research works under conditions as prescribed in the MIST regulations
- ✓ To establish teaching divisions (Div), departments, centres, faculties etc and to make necessary arrangements for their maintenance/management/administration
- ✓ To make provisions for advisory, research and consultation services including supervision, material testing and to enter into suitable agreement with any persons/organizations for these purpose
- ✓ To co-operate with universities/technical institutions (both military and civil) including memoranda of understanding (MoU) at home and abroad, in the manner and purpose as the institute may determine
- ✓ To do such other acts, related to above-mentioned objectives, as may be required in order to expand the objectives of the institute



## CAPABILITIES

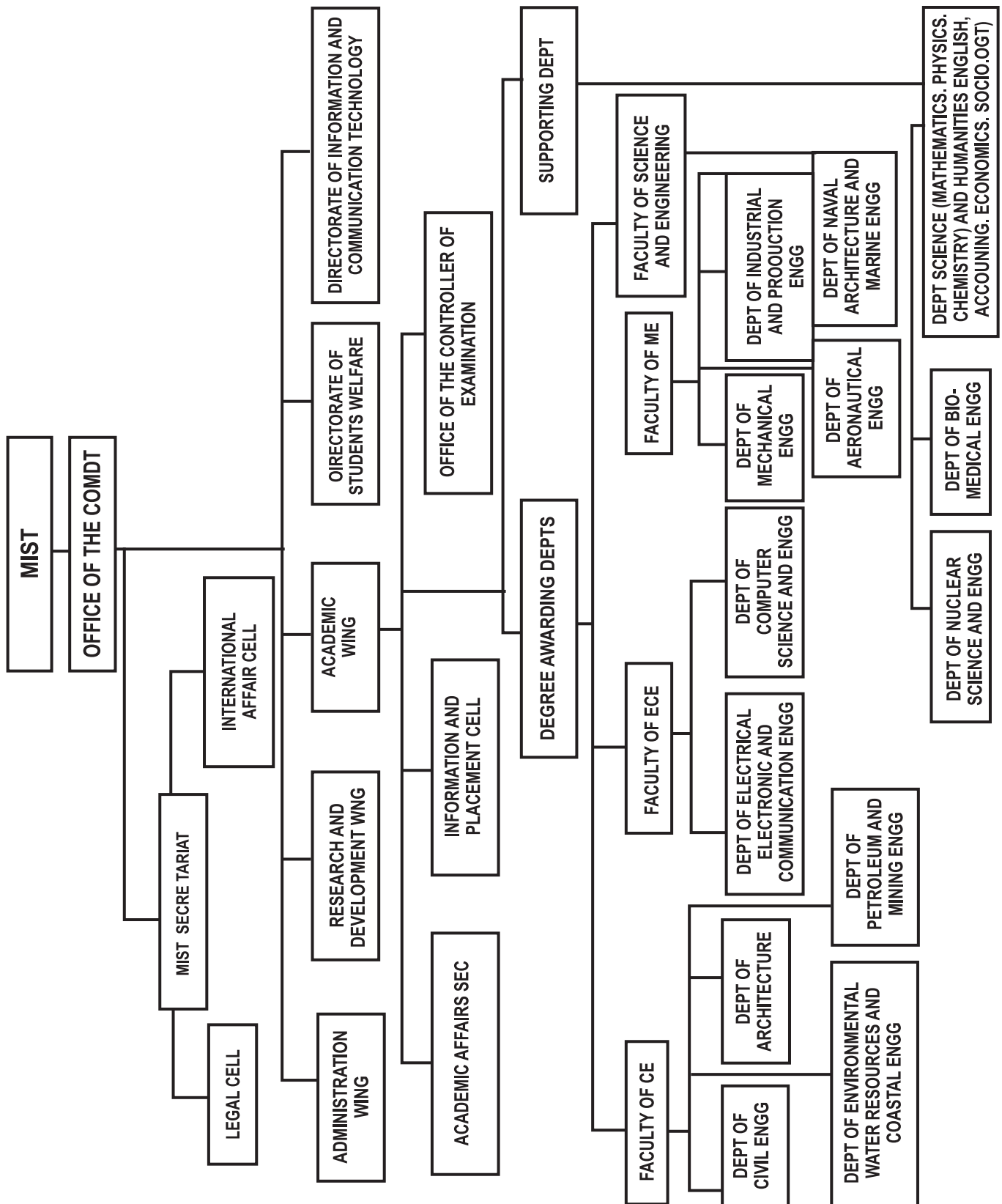
- ✓ To conduct under-graduate programmes leading to B.Sc. Engineering Degrees in the following disciplines:
  - ❖ Civil Engineering (CE)
  - ❖ Computer Science and Engineering (CSE)
  - ❖ Electrical, Electronic and Communication Engineering (EECE)
  - ❖ Mechanical Engineering (ME)
  - ❖ Aeronautical Engineering (AE)
  - ❖ Naval Architecture and Marine Engineering (NAME)
  - ❖ Bachelor of Architecture (B. Arch)
  - ❖ Biomedical Engineering (BME)
  - ❖ Nuclear Science and Engineering (NSE)
  - ❖ Environmental Water Resources and Coastal Engineering (EWCE)
  - ❖ Industrial and Production Engineering (IPE)
  - ❖ Petroleum and Mining Engineering (PME)
- ✓ To conduct post graduate programmes (masters and Ph.D)
- ✓ To conduct diploma and certificate programmes in Civil Engineering, Computer Science and Engineering, Electrical and Electronics Engineering and Mechanical Engineering.
- ✓ To conduct research and professional advanced programmes/courses for armed forces in different fields of military science and technology as requirement arises.

## AFFILIATION

All academic programmes of MIST are affiliated with Bangladesh University of Professionals (BUP). All examinations are conducted as per the schedule approved by the same university. BUP also approves the result and award certificates amongst the qualified students.



# ORGANOGRAM





# MoU

MIST has established Memorandum of Understanding with numbers of universities in home and abroad. The universities are as follows:

Serial	University/Institution	Year	Remark
1	Two faculties from Indian Air Force are under Faculty Exchange Program	2009	MoU is completed
2	PLA University of Science and Technology (Nanjing)	2012	MoU is completed
3	Water-Aid Bangladesh- for Rainwater Harvesting System	2013	MoU is completed
4	United States Naval Academy- for exchanging faculty and Joint Research Program	2013	MoU is completed
5	United States Naval Academy (USNA), Annapolis, USA	2014	MoU is completed
6	General Sir Kotelewala Defence University, Sri Lanka	2014	MoU is completed
7	Stamford University Bangladesh	2014	MoU is completed
8	Port City International University	2014	MoU is completed
9	University Kebangsaan Malaysia (UKM)	2014	MoU is completed
10	University Technology Malaysia (UTM), Malaysia	2014	Letter of Collaboration is Completed
11	International Islamic University Malaysia (IIUM)	2014	Letter of Collaboration is Completed
12	The Ohio State University, Columbus, Ohio, United States	2015	MoU is completed
13	Dockyard & Engineering Works Ltd, Sonakanda, Bandar, Narayanganj	2015	MoU is completed
14	University Technology Mara (UITM)	2015	MoU is completed
15	University of Malaya	2015	MoU is completed
16	Bangabandhu Sheikh Mujibur Rahman Maritime University, Bangladesh	2015	MoU is completed
17	Active Fine Chemicals	2015	MoU is completed
18	Biman Bangladesh Airlines	2015	MoU is completed
19	ICT Division, Ministry of Post & Telecommunications & Information technology	2015	MoU is completed
20	Indian Institute of Engineering Science & Technology (IIST), Shibpur, India.	2015	MoU is completed
21	Gono Bishwabidyalay	2016	MoU is completed
22	Global Institute of Science and Technology (GIST)	2016	MoU is completed



## SEMINAR/WORKSHOP/SHORT COURSE

Following are the seminars conducted by various departments of MIST in 2016 - 2017

Ser	Seminar/Workshop/Short Course	Organizing Department
1.	Building Construction and Structural Safety	CE
2.	Professional Training Program on 'Environmental Management in Export Processing Zones of Bangladesh'	CE
3.	Building Construction and Quality Control	CE
4.	Professional Training Course on 'Promotion of Industrial, Social and Environmental Standards in EPZs of Bangladesh'	CE
5.	Workshop on 'ABET Accreditation'	CE
6.	Short Course on 'Advance Bridge Design 2017'	CE
7.	Short Course on 'Retrofitting of Structures'	CE
8.	Trg prog on 'Occupational Safety, Health and Environmental Management in EPZs of Bangladesh, BEPZA-MIST'	CE
9.	Workshop on 'Transport Planning Design and Modelling'	CE
10.	Short course on 'Microsoft Project'	CE
11.	Workshop on 'Seismic Performance Assessment and Design of Structures'	CE
12.	Short Course on 'Construction Management-2017'	CE
13.	Short Course on 'Tall Building Design'	CE
14.	Seminar on 'Cyber Security'	CSE
15.	Campaigning on 'EATL Prothom Alo Apps Contest 2016'	CSE
16.	Short Course on 'Office Automation System' for BEPZA officials	CSE
17.	Short Course On 'Cisco Certified Network Associate (CCNA)'	CSE
18.	Training On 'Server & Storage Technologies'	CSE
19.	Short Course On 'C Programming Language'	CSE
20.	Short Course On 'CompTIA A+ Certification Training'	CSE
21.	Short Course On 'Mobile Apps Development'	CSE
22.	Trg on 'Cyber Security and E-Filing Systems for BEPZA Personnel'	CSE
23.	Capsule Trg on 'Unicode-2017'	CSE
24.	MASLab Present Basic 'Arduino' Workshop	CSE
25.	Seminar on 'Internet of Things (IoT) and Telecom Regulatory Environment in Bangladesh'	CSE
26.	Certification course on 'Cyber Security by NIIT, India'	CSE
27.	Workshop on 'Line Following Robot (LFR)'	EECE
28.	Short Course on 'Electrical Service Design and Micro Controller and Robotics'	EECE
29.	Short Course on 'Micro Controller and Robotics-2017'	EECE
30.	Short course on 'Electrical Service Design and Auto Cad for Electrical Service Design'	EECE
31.	'Robolution-2017'	EECE
32.	Seminar on 'Student Professional Awareness and Appearance'	EECE
33.	Seminar on 'Free Seminar on the Aspects of IEEE'	EECE



34.	'Scope of Mechanical Engineers in Power Plant'	ME
35.	1 <sup>st</sup> International Conference on 'Mechanical Engineering and Applied Science'	ME
36.	Short Training on 'Assessment Capability Development of Commercial HVAC Layout'	ME
37.	Short Course on 'Computational Fluid Dynamics (CFD)'	AE
38.	Short Course on 'Ship Design Using Software (MAXSURF)'	NAME
39.	The Essential Prerequisite for Effective Healthcare in Bangladesh	BME
40.	Seminar on 'Bio Safety Awareness: A Pathway to Improved Public Health'	BME
41.	Workshop on Biomedical Engineering 'Scope of Research and its Application'	BME
42.	1 <sup>st</sup> International Conference on 'Climate Change and Water Security'	EWCE
43.	Seminar on 'Nuclear Energy in Bangladesh and Safety Issues'	NSE
44.	Workshop on 'Nuclear Engineering'	NSE
45.	Seminar on 'Energy Scenario and Prospect of Petroleum & Mining Engineering in Bangladesh'	PME
46.	Short Course on 'Design and Development of Proto Type Using Computer Integrated Manufacturing (CIM) Process'	IPE
47.	'Architecture Week-2016'	Arch
48.	'Architecture Fest-2017'	Arch



# DEPARTMENTS

## Faculty of Civil Engineering

- Civil Engineering (CE)
- Architecture(Arch)
- Environmental Water Resources and Coastal Engineering (EWCE)
- Petroleum and Mining Engineering (PME)

## Faculty of Electrical and Computer Engineering

- Computer Science and Engineering (CSE)
- Electrical Electronic and Communication Engineering (EECE)

## Faculty of Mechanical Engineering

- Mechanical Engineering (ME)
- Aeronautical Engineering (AE)
- Naval Architecture and Marine Engineering (NAME)
- Industrial and Production Engineering (IPE)

## Faculty of Science and Engineering

- Biomedical Engineering (BME)
- Nuclear Science and Engineering (NSE)
- Dept of Science (Mathematics, Physics, Chemistry) and Humanities (English, Accounting, Economics, Sociology)

Presently MIST has 12 departments to conduct BSc engineering courses under four different engineering faculties. The departments impart education basing on common objectives and outcomes set by MIST and have defined programme objectives and outcomes, specific to the departments respectively.



# FACULTY OF CIVIL ENGINEERING

## Civil Engineering (CE) Department

The CE Department of MIST, building itself on the four pillars of morale: fundamentals, innovation, excellence and advancements, holds its glory of being the pioneer department of MIST. Since its uprising in 1999 and focusing on creating a positive, interactive learning environment, the department of CE produces top-notch engineers and leaders for the next generation. The department started its journey as pioneer department with 40 military students in 1999. After 17 year of its inception, the department has again pioneered in introducing Post Graduate Degree in CE since October 2012. At present 26 faculties are serving in this

department of whom 7 are PhD qualified. It is now providing the most sophisticated and updated technological support in the field of civil engineering. In addition, the programmes emphasis on engineering sciences and design; provides students with ample opportunity to put their knowledge into practice by solving real-world problems under the guidance of our readily approachable faculty members. This department is enriched with highly experienced and disciplined teaching staff having wide vision. The department plays a very important role in the country's infrastructural development. Many important construction work and projects in the field of structural, geotechnical, transportation and environmental engineering are carried out with the consultancy services of this department.



## Architecture (Arch) Department



Department of Architecture has started its journey in 2015. All enrolled students for the Bachelor of Architecture (B.Arch.) programme will have to complete five years and minimum 189 credit hours. There are general education, history, human behaviour and environment related courses. Design support sessionals, design communication studio course, technical system course are also there. Students of the programme need to earn minimum CGPA of 2.20 in the theory courses and complete the thesis/project satisfactorily under the supervision of a designated supervisor within the stipulated time duration.



# FACULTY OF CIVIL ENGINEERING

## Environment Water Resources and Coastal Engineering (EWCE) Department

With the vision of developing specialized personnel on environmental engineering, water resources engineering and coastal engineering fields, EWCE Department has been introduced in MIST since January 2015 session. Currently the department is offering undergraduate programmes in Environmental Engineering and Water Resources Engineering. The department also has subsequent plan for offering higher studies.



In Bangladesh, environmental pollution in terms of water, air and soil waste management, health hazard and other environmental issues need to be addressed as well as assessed properly. Besides, environmental aspects of large scale civil engineering projects should be given special attention to mitigate their adverse impacts on environment. On the other hand, the vast water resources of the country should be utilized in an integrated and sustainable manner in order to maintain ecological balance. Water structures, like bridge, culverts, dam, and embankments should be designed properly maintaining river morphology and allowing proper navigation. Bangladesh has the longest coastal belt in the world. The coastal zone of the country provide with enormous marine resources. Specialized study programme and comprehensive long term research on marine environment are required for understanding the unique and dynamic nature of the coastal belt as well as for sustainable development projects along the coastal region of the country.

Now, it is high time for comprehensive study and research on water resources, coastal zones and overall environment. Addressing the importance of these issues and with a view to contributing to the socio-economic condition of the country, EWCE department of MIST has taken the time stipulated step to nourish the development of promising researcher, experts as well as leaders in these specialized fields.

Being a very new department in MIST, currently it has 126 students, and 10 highly dedicated and experienced instructors. It has laboratory facilities for environmental engineering and water resources engineering. The department also has a library and its facilities will be extended further in future. It is expected that field specific studies and researches on environment, water resources and coastal engineering, initiated by this new department will foster better understanding and enhance knowledge on those fields.



# FACULTY OF CIVIL ENGINEERING

## Petroleum and Mining Engineering (PME) Department

The department of Petroleum and Mining Engineering (PME) offers Bachelor of Science in Petroleum and Mining Engineering which is one of the top university level programmes among the engineering universities in Bangladesh. The department of Petroleum and Mining Engineering has started its academic work from 3 February 2016 with the objective to produce qualified personnel in the field of petroleum and mining engineering, skilled enough to quantify the resources, and to develop those resources for proper exploitation. The programme is designed to prepare graduates for national and international field of petroleum and mining engineering.



The mission of the department of Petroleum and Mining Engineering is to guide all efforts aiming to build, sustain, incorporate, convey and apply petroleum and mining engineering knowledge, and to augment the human resources of these disciplines and thus to help ensuring the nation an energy-secure future that balances environmental impact and affordable energy supply.

To fulfill this mission, the PME department is committed to pursue excellence in Reservoir Engineering, Production Engineering, Well Drilling and Completions, Mine Surveying, Rock Mechanics, Integrated Reservoir Characterization, Fit-for-purpose Reservoir Management Techniques, and Mining Engineering with balance environmental impact.

The vision of the department is to remain as the number one petroleum and mineral resources engineering program in the nation and in the region, so that its graduates are globally admired, respected and fit-for-purpose professionals within the industry.



# FACULTY OF ELECTRICAL AND COMPUTER ENGINEERING

## Computer Science and Engineering (CSE) Department



Department of CSE started its journey from academic session 2000-2001. The department is currently offering undergraduate programme B.Sc. in CSE as well as graduate and postgraduate programmes (Ph.D, M.Sc. and M.Engg) in CSE. With its excellent professional competence, pragmatic curricula, expert teaching viewpoints and capabilities of training, B.Sc. in CSE degree programme has achieved accreditation from BAETE (IEB) on 23 Aug 2017 with a grade as "B" (Good). This department produces highly qualified and skilled computer science graduates. Over the years, this rapidly flourishing department has been providing the technical foundation, scholarly guid

ance and leadership skills to the under graduate and postgraduate students who proved their potentiality at home and abroad. Major areas of specialties of CSE department are software, hardware, networking, computer graphics and image processing, artificial intelligence and robotics, system analysis, design and development, information systems security etc. Currently, 34 faculties specialized from different (civil, military and foreign) background are serving in this department. In addition, a good number of senior faculties from renowned universities like BUET, Dhaka University conduct courses as adjunct faculties. The department offers adequate facilities for carrying out innovative research work in the field of ICT.

## Electrical Electronic and Communication Engineering (EECE) Department

The foundation of EECE department was laid in 2003. It is functioning under the Faculty of Electrical and Computer Engineering. The department is offering both undergraduate and postgraduate programmes. The department is subdivided into three major areas: Power, Electronics and Communication in the graduate and undergraduate curriculum. At present this department is served by a group of competent, qualified faculty members along with several renowned professors from BUET as a guest faculty. Around 342 undergraduate



and 142 post graduate students are currently studying in the department. The department offers a diverse educational experience with a focus on traditional areas as well as in emerging areas. The faculties are always engaged in numerous research areas including satellite navigation, radar detection and tracking, optical fiber communicate broadband wireless communications, renewable energy and thin film technology. At present, there are 27 faculties in this department. The department frequently arranges international conference, seminars and project competition to enhance the knowledge of the students. The students of this department participate in various national and internal competitions throughout the year. Under this department, MIST robotics club and IEEE student branch are performing. The department got accreditation from BAETE in September 2010. Post graduate programme under this department started functioning since October 2013.



# FACULTY OF MECHANICAL ENGINEERING

## Mechanical Engineering (ME) Department

The department of ME started its journey from January 2003. The aim of the department is to provide mechanical engineering with high-quality engineering education and contribute new knowledge through research in mechanical engineering and allied disciplines. Mechanical engineers apply the principles of mechanics and energy to the design of machines and

devices. They must be able to control mechanical systems and usually work with other professionals in designing these systems. A few systems and devices requiring mechanical engineering

knowledge are used in industries like Automobiles, engines, heating and air-conditioning system, gas and steam turbines, air and space vehicles, trains, ships, servomechanisms, transmission mechanisms, machine tools, material handling systems, elevators and escalators, and robots.

The department of ME offers modern and dynamic educational programs. The faculty also provides quality engineering education using the most up to date techniques. The department offers studies leading to B.Sc. in ME, M.Sc. in ME and Ph.D.



## Aeronautical Engineering (AE) Department



AE department started its journey from 1<sup>st</sup> February 2009. The department is currently offering B.Sc and MSc in AE program. The department is intending to start PhD in AE program from April 2018. The aim of AE Dept is to provide students with keen knowledge in the areas of aerodynamics, aerospace propulsion, aircraft loading and structural analysis, aerospace vehicle design, space engineering, advance aerospace technology, avionics and analysis of fundamentals as well as applied problems.

The department is organized into two major divisions: Aerospace and Avionics with a total of 234 students currently studying here. Overseas students from different countries like Palestine, Maldives, Nepal pursued their bachelor degree from this department which was the beginning of wide opportunities for international students. The department is running its 9<sup>th</sup> batch with successful graduation of 5 batches of 289 students. 23 faculties specialized from different background (both civil, & military) are serving in this department. Out of them two are from Indian Air Force.

Within only about nine years, the department has participated in many national and international competitions and has clinched praise-worthy results. Mentionable are NASA Lunabotics Mining Competition 2013 (USA), DBF Competition 2013 (USA), SAE Aero-design competition 2013 (USA), NASA Lunabotics Mining Competition 2013 (USA), SAE Aero-design competition 2014 (USA), DBF Competition 2014 (USA), Future Flight Design (FFD) 2015 (Turkey). Aeronautical Engineering Department organized 1<sup>st</sup> National Aero Design Competition in 2014 which is a milestone in the era of aviation in Bangladesh. The department has also organized several job fairs, workshops and short courses to enlighten the interested people from diverse background about different aspects of Aeronautical Engineering.



The Board of Accreditation for Engineering and Technical Education (BAETE) approved Aeronautical Engineering programme of MIST in 2016. AE Department has already signed MoU with Biman Bangladesh Airlines. The department is in the process of concluding MoU with Civil Aviation Authority of Bangladesh (CAAB), US Bangla Airlines, SPARSO, Beijing University of Aeronautics and Astronautics (China) and other universities/organizations at home and abroad for the improvement of its academic capabilities.

## **Naval Architecture and Marine Engineering (NAME) Department**

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The department of NAME started its journey with undergraduate programme from 27 January 2013 consisting of 30 students. The department is organized into two major divisions: Naval Architecture and Marine Engineering. Naval architecture acknowledges the capability to design various types of ships and offshore structure with optimum design features. Marine engineering is related with design, operation and maintenance of propulsion system and machinery of ships.



The aim of NAME department is to provide

students keen knowledge about designing of ships and offshore structures, determining the optimum/efficient shape for the hull/structure, supervision of construction work etc. On this premise, the department had organized several seminars, short courses and industrial visits within last four years to hone the knowledge of the students through the exposure to practical training. The department has made an MoU with US Naval Academy and is in the process of concluding MoU with several other national and international institutes.

The various industry positions where the students may be employed include ship design firms, dockyards, shipyards, shipping companies, classification societies, Ministry of Shipping, BIWTA and BIWTC, Port Authorities etc. At present, 181 students in four levels are studying and 13 faculties, specialized from different background (Military & Civil) are serving in this department. NAME department has planned to start M. Sc. Programme from session 2018-2019.



# FACULTY OF MECHANICAL ENGINEERING

## Industrial and Production Engineering (IPE) Department



Industrial and Production Engineering (IPE) Department has been established in 2016 under the faculty of Mechanical Engineering to develop much needed professionals required for the growth of modern industries. The focus of undergraduate program in IPE is on manufacturing, quality, process design, productivity improvement and management to meet the emerging technical needs of the industry. Education in IPE is very much leaned to practical situations and the relationship of through their involvement in curriculum development and various programs

such as seminars, visits and student projects. The department of IPE aims not only to produce efficient engineers, but also well- educated conscientious leaders who can contribute to the development of the country through ameliorating our industries.

Improving the stereotypical under-graduate course on industrial and production engineering which emphasizes on manufacturing and improvement of productivity, our students will also learn trends of dynamics and control and hence will develop a sound knowledge about overall industrial production and management. They will also learn to analyze the emerging technical trends of the industry.

# FACULTY OF SCIENCE AND ENGINEERING

## Biomedical Engineering (BME) Department

In 2014, the Department of Biomedical Engineering was founded and began offering students undergraduate degree. A set of undergraduate students were selected and in February 2015 the first students were enrolled in Biomedical Engineering department. Following the same, the request for independent M.Sc and Ph.D degrees in BME was approved at the highest forum and BME department has begun to receive graduate students in this field from October 2015. BME aims to improve human health by applying engineering principles and methods to medical problems. Although Biomedical Engineering is a very recent subject being introduced in our country, it is already a highly demanding field of study. Students get versatile means for career development after completing the degree. Today



biomedical engineers are employed in industries, in hospitals, in research laboratories, in government regulatory agencies etc. BME is a broad, interdisciplinary field that applies the art of engineering principles and design concepts to problems in biology, medicine, and biotechnology for healthcare purposes e.g diagnostic or therapeutic. The field seeks to close the gap between engineering and medicine. All the life saving devices like cardiac pacemakers, defibrillators, artificial kidneys, blood oxygenators, prosthetic hearts, and joints etc. along with the commonly known

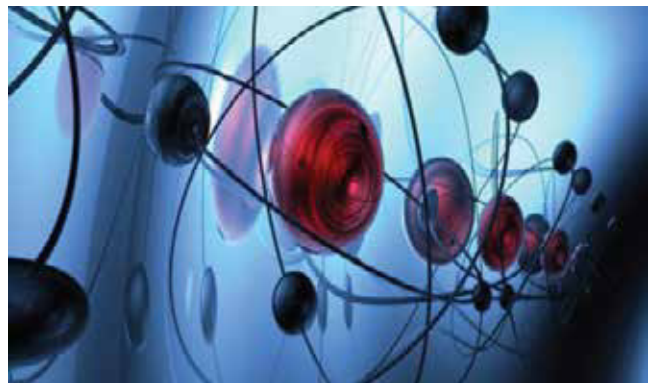


medical equipment as CAT, PET, MRI, functional NMR, potential mapping, CT scan, X-ray machine etc. all are the outcome of BME.

The undergraduate programme in BME provides a strong foundation in the basic sciences, mathematics, engineering and life sciences. The goal is to enable participants to compete successfully for engineering-related positions immediately upon graduation or to pursue post-graduate education in engineering, science, or medicine. Undergraduates will have the ability to contribute significantly to the development of new knowledge, understanding, and innovative solutions in the health care industry and across a wide variety of health care related research applications.

### **Nuclear Science and Engineering (NSE) Department**

The department of NSE provides education for students interested in developing the peaceful applications of nuclear science and engineering for societal needs. Given the global climate change and fuel supply security concerns, nuclear energy is emerging as an important national energy policy element. The applications of other nuclear technologies in medicine and industry have focused attention on the value of strong nuclear science and engineering programme. In response to this demand, MIST has developed a new discipline-focused programme of study that prepares professionals for the many diverse applications of nuclear science and engineering. Most of the applications fall within the following areas: modeling and simulation, nuclear energy, thermal hydraulics, radiation shielding, health Physics, radioactive waste management, nuclear security and safeguards with MCNP, RELAP5, Scale, RASCAL, etc. computer code. Problems of military and national importance have consequently received great emphasis in the activities of this department.





# FACULTY OF SCIENCE AND ENGINEERING

## Science (Mathematics Physics, Chemistry) and Humanities (English, Accounting, Economics, Sociology) Department



Science and Humanities department has started its journey since 1999 with the inception of MIST. From the very beginning, this department has always been playing a vital role in laying the foundation of science and humanities for the potential engineers. Drawing upon the most recent thinking in the creative world each subject considers theoretical exposure, examines existing realities, includes essential elements, and offers a concise but indispensable portion of knowledge to prepare the students for the future world. There are modern and well equipped Physics and Chemistry laboratories to impart practical knowledge to the engineering students. Besides undergraduate programmes, Post-graduate programmes (MPhil & PhD) are on in the department of Mathematics, Physics and Chemistry. Numbers of research work are in progress under these departments. Humanities Department is a multidisciplinary department (comprising English, Economics, Sociology and Accounting divisions ) aims at developing such capacity in the students which would help them to adapt themselves in this predominantly advanced world.

A material research laboratory for Physics department is in progress funded by the World Academy of Sciences (TWAS), Italy for Nanotechnology applications. A set of highly qualified faculties is committed in these departments for imparting quality education to the future engineers, among them 10 faculties are PhD qualified in their respective fields. Thus Science and Humanities department is playing its due role in producing competent engineers, architects and planners who in practical life prove themselves successful and famous.



## FACULTY MEMBERS

A group of qualified faculty members drawn from military as well as from civil society including international arena are relentlessly engaged in imparting knowledge to the students. In addition, teachers from reputed universities take classes on particular subjects/courses. Guest speakers/teachers from various organisations/institutions/universities are also invited to participate in teaching programmes, lecturer, session seminars etc. At present, the state of instructors/ teachers of MIST are as follows:

Appt	Armed Forces	Civil Faculty			From Other Universities	Total
		Permanent	Contract	Adjunct		
Professor	21	05	07	-	43	76
Associate Professor	25	-	01	-	11	37
Assistant Professor	37	04	10	-	6	57
Lecturer	24	03	25	45	6	103
Total	107	12	43	45	66	273

### DEPARTMENT WISE STUDENT CAPACITY

The highest number of seats for 4 (four) years Bachelor Degree in Engineering Programmes (Unit-A) and 5 (five) years' Bachelor Degree in Architecture Programme (Unit-B) is are given below with admission test units:

Serial	Unit	Department	Seats
1	A	Civil Engineering (CE)	60
2		Computer Science and Engineering (CSE)	60
3		Electrical, Electronic and Communication Engineering (EECE)	60
4		Mechanical Engineering (ME)	60
5		Aeronautical Engineering (AE)	50
6		Naval Architecture and Marine Engineering (NAME)	40
7		Biomedical Engineering (BME)	40
8		Nuclear Science and Engineering (NSE)	40
9		Environmental Water Resources and Coastal Engineering (EWCE)	60
10		Industrial and Production Engineering (IPE)	50
11		Petroleum and Mining Engineering (PME)	25
12	B	Architecture (Arch)	25
Total			570



## NUMBERS AND DURATION OF TERMS

There are two terms (Term I and Term II) in an academic year. In addition, there is a short term after the Term II of each academic year. During the short term, students can take only failed courses to cover up the credit deficiencies.

Respective departments take the decisions about courses to be offered during each short term depending on the availability of course teachers and number of students willing to take a particular course.

The duration of each of the Term I and Term II (maximum 22 weeks) is as under:

Ser	Events	Durations
1.	Classes before Mid Term	7 weeks
2.	Mid Term Vacation	1 week
3.	Classes after Mid Term	7 weeks
4.	Makeup Classes and Preparatory leave	2 weeks
5.	Term Final Examination	3 weeks
6.	Term End Vacation	1 week

### ENGINEERING GRADUATES FROM MIST

A total of 3148 students have earned their BSc graduation in various engineering disciplines of MIST.

Dept	2003 & 2004	2005 & 2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	Total
CE	33 & 19	15 & 28	38	45	39	21	61	55	39	58	49	65	50	92	707
CSE	-	49 & 41	33	35	32	38	41	55	59	65	47	66	56	103	720
EECE	-	-	35	43	38	33	46	56	63	62	61	60	63	110	670
ME	-	-	35	26	38	35	45	43	67	68	55	59	57	109	637
AE	-	-	-	-	-	-	-	-	56	66	56	57	53	62	350
NAME	-	-	-	-	-	-	-	-	-	-	-	-	26	38	64
<b>Total</b>	52	133	141	149	147	127	193	209	284	319	268	307	305	514	3148

★ The figure is 3393 including MBA graduates.



# (ACADEMIC SESSION 2017/18 BEGINS ON 18 FEB 2018)

Dt	Wks	Events & Activities	Rmks
<b>(Term I – 18 Feb to 06 Jun)</b>			
Jan		1. Short Course on Steel Structure – CE Dept (1-7 Jan) 2. Short Course on Plumbing – CE Dept (30 Dec – 02 Jan) 3. Short Course on ETABS-1 – CE Dept (7-14 Jan) 4. Short Course on DPP – CE Dept (12 -14 Jan) 5. Short Course on Micro Controller and Robotics –EECE Dept (10 Dec – 10 Jan) 6. 4. Short Course on Advanced Plumbing Design –EWCEE Dept (7-11 Jan) 7. Seminar on Clean Energy - ME Dept -08 Jan 8. Short Course On VLSI Design Using Cadence Software- EECE Dept (14 Jan – 25 Jan) 9. Graduation Ceremony – 31 Jan	
Feb		1. Short Course on Advance Geotec – CE Dept (1-2 Feb) 2. Architecture Week/Arch Fest– 2018 Arch Dept (03-04 Feb) 3. Special Referred Exam-1 (04 Feb-15 Feb) 4. Android- Lvl 3, Linux- Lvl 4 – CSE Dept (11 Feb – 01 March) 5. Challenges of the Students in Bridging the Transitional Gap Between SSC to HSC to Undergraduate Level of Engineering study- Sc & Hum (12 Feb ) 6. Short Course on ETABS-2 – CE Dept (11-15 Feb)	
18 Feb – 24 Feb	Wk 1	1. Special Referred Exam for BMA (18 Feb-22 Feb) 2. Workshop on Model Making –Arch Dept (18 Feb-22 Feb) 3. C Programming – Lvl 1, Python – Lvl 2 (CSE Dept- 18 Feb – 15 March) 4. Shaheed Day and Intl Mother Language Day- 21 Feb 5. Short Course on Liquid Petroleum Gas Plant and Operation – PME Dept (24 Feb)	T-1 CI Begins-18 Feb
25 Feb – 03 Mar	Wk 2	1. Short Course on Service Design – EECE Dept (25 Feb – 08 Mar) 2. Comdt Parade – 25 Feb 3. Career Briefing – BME Dept (01 Mar)	
04 Mar – 10 Mar	Wk 3	1. Athletic Cmpt (04-08 Mar) 2. Training Visit – BME Dept (08 March) 3. Short Course on Petroleum Reservoir Modeling by Eclips and Petrel Software – PME Dept (10 Mar) 4. Seminar on Sustainable Manufacturing Technology – IPE Dept (10 March) 5. Cultural Prog – Ankur- Sc&Hum (10 Mar)	
11 Mar – 17 Mar	Wk 4	1. Birthday of Father of the Nation – 17 Mar 2. Cricket Cmpt (11-15 Mar) 3. Industrial visit – NAME Dept (15 Mar) 4. Industrial visit – ME Dept (17 Mar)	
18 Mar – 24 Mar	Wk 5	1. ROBOULITION-2018- EECE Dept (24 Mar) 2. Industrial Visit (Level-3) – IPE Dept (24 March) 3. Seminar on PNGR –PME Dept (24 Mar)	
25 Mar – 31 Mar	Wk 6	1. Indep and Ntl Day – 26 Mar 2. Guest lecture on Gas Potential in Bangladesh – PME Dept – 28 Mar 3. Industrial visit – NAME Dept – (29 Mar)	
01 April – 07 April	Wk 7	1. Industrial visit – IPE Dept (07 Apr)	1 <sup>st</sup> Half CI Ends – 05 April



08 April – 14 April	Wk 8	1. Workshop – Training on Solid Works – ME Dept (08-12 Apr) 2. Short Course on Element Methods Analysis for Structural Problems – AE Dept (08-12 Apr) 3. Bangla Nobobarsha - 14 Apr 4. Special Referred Exam -2 5. Guest Lecture – NAME Dept (12 Apr)	Mid Term Break (06-14) April
15 April – 21 April	Wk 9	1. Shob-E-Meraj 2. Short Course on Simulation Software- IPE Dept (21 April)	2 <sup>nd</sup> Half CI Begins 15 April
22 April – 28 April	Wk 10	1. Workshop & Research Proposal/Report Writing – ME Dept (25 Apr) 1. Industrial Visit (Level-1) – IPE Dept (28 April)	
29 April – 05 May	Wk 11	1. Buddha Purnima – 29 April 2. May Day- 01 May 2. Shab-E-Barat- 02 May	
06 May – 12 May	Wk 12	1. Comdt Parade – 06 May	
13 May – 19 May	Wk 13		
20 May – 26 May	Wk 14		
27 May – 02 Jun	Wk 15		
03 Jun – 09 Jun	Wk 16	1. Comdt Parade – 03 Jun	T-1 CI Ends- 06 Jun
10 Jun – 16 Jun	Wk 17	1. Shob-e Qadr- 12 Jun 2. Jumatul Bidah – 15 Jun 3. Eid-UI-Fitr – (15,16*, 17, 18 Jun)	PL (07 Jun – 20 Jun)
17 Jun – 23 Jun	Wk 18		Term-I Exam Starts -21 Jun
24 Jun – 30 Jun	Wk 19		
01 Jul – 07 Jul	Wk 20	1. Short Course on Liquid Natural Gas Tec – PME Dept (07 Jul)	Term-I Exam End – 09 Jul
08 Jul – 14 Jul	Wk 21	1. Workshop on MATLAB-ME (10-12 Jul) 2. Short Course on UAV – AE Dept (10-14 Jul)	
<b>(Term II – 15 Jul to 25 Oct)</b>			
15 Jul – 21 Jul	Wk 1	1. Workshop – Arch Dept (15 -19 Jul) 2. Seminar on Carbon Neutrillization – ME Dept (18 Jul) 3. Industrial Visit (Level-3) – IPE Dept (21 July)	T-II Class Begins – 15 Jul
22 Jul – 28 Jul	Wk 2	1. Supplementary Exam (22-26 Jul) 2. Guest Lecture on Application of LPG as Autogas – PME Dept (25 Jul) 3. Seminar – BME Dept (26 Jul)	
29 Jul – 04 Aug	Wk 3	1. Football Cmpt (29 Jul-02 Aug) 2. Training Visit – BME Dept (02 Aug) 3. Industrial Visit (Level-2) – IPE Dept (04 Aug) 4. Industrial Visit (Level-3)- ME Dept (04 Aug)	
05 Aug – 11 Aug	Wk 4	1. Comdt Parade – 05 Aug 2. Debate Cmpt (05-09 Aug) 3. Industrial Visit (Level-1) – IPE Dept (11 August)	
12 Aug – 18 Aug	Wk 5	1. Ntl Mourning Day – 15 Aug 2. Seminar – NAME Dept (16 Aug)	Mid Term Break and Eid Lve (17-25 Aug)



19 Aug – 25 Aug	Wk 6	1. Eid-UI-Azha – (21, 22*, 23 Aug)	
26 Aug – 01 Sep	Wk 7		
02 Sep – 08 Sep	Wk 8	1. Shuba Janmashtami – 02 Sep	
09 Sep – 15 Sep	Wk 9	1. Comdt Parade 2. Industrial visit – NAME Dept ( 13 Sep)	
16 Sep – 22 Sep	Wk 10	1. Ashura – 21 Sep 2. 4 <sup>th</sup> International Conf on Electrical Engineering and Information & Communication Technology (iCEEICT-2018) – EECE Dept (20-22 Sep)	
23 Sep – 29 Sep	Wk 11	1. Industrial visit – NAME Dept (27 Sep)	
30 Sep – 06 Oct	Wk 12	1. 4 <sup>th</sup> International Conf on Electrical Engineering and Information & Communication Technology (iCEEICT-2018) – EECE Dept	
07 Oct – 13 Oct	Wk 13	1. Comdt Parade – 07 Oct 2. Industrial visit – ME Dept (11 Oct) 3. Guest Lecture – NAME Dept (11 Oct)	
14 Oct – 20 Oct	Wk 14	1. Durga Puja – 19 Oct	
21 Oct – 27 Oct	Wk 15		T-II Class Ends – 25 Oct Prep Lve (26 Oct-10 Nov)
28 Oct – 03 Nov	Wk 16		PL
04 Nov – 10 Nov	Wk 17		PL
11 Nov – 17 Nov	Wk 18		Term-II Exam Starts -11 Nov
18 Nov – 24 Nov	Wk 19	1. Eid-E-Miladun- Nabi – (21 Nov)	
25 Nov – 01 Dec	Wk 20	1. IT Sy & Penetration Testing- Lvl 4 -CSE Dept (26 – 30 Nov)	Term-II Exam Ends -29 Nov Term End Break (30 Nov-08 Dec)
02 Dec – 08 Dec	Wk 21	1. Short Course on Fluid Power and Control – AE (02 – 06 Dec)	
09 Dec – 15 Dec		1. Workshop on Industrial Automation – IPE Dept (9-10 Dec) 2. Seminar – ME Dept (10 Dec) 3. Svy Prac, Thesis, Industrial Trg (09 Dec – 03 Jan 2019) 4. Short Term Class – (09 Dec – 17 Jan 2019) 5. Short Term Exam – (20-26 Jan 2019)	
16 Dec – 22 Dec		1. Victory Day – 16 Dec 2. Micro-Controller and Robotics – EECE Dept (17 Dec – 11 Jan) 3. Fateha-E-Yeajdaham – 19 Dec 4. Short Course on Computational Fluid Dynamics – AE Dept (17-21 Dec) 5. Short Course on MAXSURF – NAME Dept (17-31 Dec)	
23 Dec – 29 Dec		1. Chirstmas Day- 25 Dec 1. Comitia A+ - CSE Dept (24 Dec – 31 Dec)	

\*Subj to the sighting of the moon



# RECOGNITION OF PERFORMANCE

## Osmany Memorial Gold Medal

Awarded to the best student amongst all the MIST medal winners.

## MIST Medal

Awarded to the first position holder (single and jointly) amongst the graduating students of each department at the end of all programmes.

## Dean's List

- All students earning CGPA 3.75 and above at each academic level of level 1, 2 and 3
- All graduating students earning CGPA 3.75 and above considering results of entire programme (level 1 to 4)

## Scholarships and Stipends

- MIST Scholarship
- MIST Stipend
- Osmany Memorial Trust Scholarship
- Chief of Army Staff Stipend
- Chief of Naval Staff Stipend
- Chief of Air Staff Stipend

## Research Prizes

- MIST Project Medal
- MIST Research Medal - Student
- MIST Research Medal - Faculty

## ACADEMIC HONOURS OF 2017

Dept	Osmany Memorial Gold Medal	MIST Medal	Deans List
CE Dept	-	1	4
CSE Dept	-	1	7
EECE Dept	-	1	16
ME Dept	-	1	4
AE Dept	-	1	6
NAME Dept	1	-	3
<b>Total:</b>	<b>1</b>	<b>5</b>	<b>40</b>



# LABORATORY FACILITIES

## CE Department

- Transportation Engineering Laboratory
- Geotechnical Engineering Laboratory
- Concrete Laboratory
- Solid Mechanics Laboratory
- Survey and Mapping Laboratory
- Drawing Laboratory
- GIS Laboratory

## CSE Department

- Digital Laboratory
- Multimedia and Graphics Laboratory
- Network Laboratory
- Software Engineering Laboratory
- Artificial Laboratory
- Micro Processor and Micro Controller Laboratory
- Postgraduate Research Laboratory

## EECE Department

- Electrical Circuit Laboratory
- Electrical and Electronic Circuit Simulation Laboratory
- Computer Programming and Network Laboratory
- Electrical Machine Laboratory
- Power System Laboratory
- Electronics and Digital Electronics Laboratory
- Power Electronics Laboratory
- Instrumentation and Measurement Laboratory
- Analog and Digital Communication Laboratory
- Digital Signal Processing Laboratory
- Microprocessor and interfacing Laboratory
- Control System Laboratory
- Switch Gear and Protection Laboratory
- VLSI Laboratory
- Satellite Communication and Microwave Engineering Laboratory
- Numerical Methods Laboratory
- High Voltage Engineering Laboratory

## ME Department

- Measurement and Quality Control Laboratory
- Thermodynamics Laboratory
- Refrigeration and Air Conditioning Laboratory
- Heat Transfer Laboratory
- Automobile Laboratory
- Machine Tools Laboratory
- Materials and Metallurgy Laboratory
- Drawing Shop (CAD Lab)
- Heat Engine Laboratory
- Applied Mechanics Laboratory
- Fluid Mechanics Laboratory

## AE Department

- Applied Aerodynamics Laboratory
- Jet Propulsion Laboratory
- Radar Engineering Laboratory
- Avionics and Ground Electronics Laboratory
- Aero-structure Laboratory

## NAME Department

- Computer Aided Ship Design and Ship Drawing Lab
- Ship Structure and Model Fabrication Lab
- Marine Engine, Refrigeration & Auxiliary Machinery Lab
- Ship's Instrument, Fire Fighting and Life Saving Equipment Testing Lab
- Ship Resistance and Propulsion Lab
- Hydrodynamics Lab
- Towing Tank and Stability Test Lab
- Damage Control, Fire Fighting and Life Saving Equipment Lab

## NSE Department

- Modeling and Simulation Laboratory
- Health/Nuclear Physics Laboratory
- Radiation/Medical Physics Laboratory
- Radiochemical Laboratory

## Arch Department

- Design Studios
- Computer Laboratory

## EWCE Department

- Environmental Engineering Laboratory
- Water Resource Engineering Laboratory

## BME Department

- BME Teaching Laboratory
- BME Instrumentation Laboratory
- Bio-Chemistry Laboratory
- Bio-Materials Laboratory
- Drug Development Laboratory

## PME Department

- Geology Laboratory
- Petroleum Laboratory

## IPE Department

- Material Hand and Maintenance Laboratory
- Ergonomics and Safety Laboratory
- Simulation Laboratory

## Science (Mathematics, Physics, Chemistry) and Humanities (Sc & Hum) Department

- Chemistry Laboratory
- Physics Laboratory



## FACILITIES AND SERVICES

**Modernised Class Room.** MIST has adequate number of air conditioned classroom with multimedia facilities.

**Accommodation.** MIST, in principle is a residential institute. The residential hall with all modern facilities is named 'Osmany Hall' can accommodate 558 students (male 260 and female 298). Each room has internet facilities. Students are provided with well-furnished accommodation.

**Library.** MIST has a well-arranged library enriched with about 52,000 books and a good number of periodicals, journals and magazines from home and abroad. It also subscribes a number of Bengali and English newspapers, periodicals and e-journals. Library has cyber cafe with Wi-Fi facilities. In addition to that each department has its own library enriched with adequate text and reference books.

**Medical Support.** MIST Medical Centre has residential physician, medical staff and equipment. MIST Medical centre provides required medicine and other necessary support as prescribed by the Medical Officer. Civil students are sent to Kurmitola General Hospital for better treatment.

**Transport.** MIST provides bus services for the students. The buses move in four routes: MIST to Shahbag, MIST to Abdullahpur, MIST to Azimpur and MIST to Dhaka Cantonment (Jahangir Gate). A student is charged with 1500 BDT per year as transport charge.

**MIST IT Centre.** IT Centre provides internet browsing facilities to students and faculties.

**Cafeteria.** Cafeteria provides meal with different types of cuisine within reasonable price.

**Fitness Centre.** Fitness Centre provides ample opportunity for the students to keep their body and mind fit.

**Sports and Recreation.** MIST has got adequate facilities for both indoor and outdoor games including table tennis, badminton, football, and cricket. Students can also enjoy a wide variety of athletic pursuits. Besides, picnics and cultural competition, celebration of national days are also arranged regularly in befitting manner.

**MIST Debate Society.** MIST Debate Society (MISTDS) arranges debate competition on regular basis.

**MIST Career Club.** MIST career club was established in June 2016. Each year it organizes career festival in collaboration with different institutions and organizations. In this year MIST Career Fest-2016 was held on 13<sup>th</sup> August 2016 with the assistance of BD jobs.com.

**MIST Photographic Society.** MIST photographic society "FOCUS" started its journey in April 2015. It organizes workshop, seminar, exhibition and short course on photography etc. periodically.

**MIST Drama Club.** To promote the art and culture of Bengali heritage, MIST Drama Club was initiated in 2015. It organizes different types of drama on various occasions.

**MIST Literature and Cultural Club.** MIST Literature and Cultural Club was formed in 2014 to create various opportunities to practice art and our culture via organizing various workshops, events etc. MIST Literature and Cultural Club believes technology and creativity do not contradict each other's rather both of them contribute to proper manifestation of a student. To uphold this belief, MIST Literature and Cultural Club has gloriously treated its way far by inspiring and involving the students.



## FACILITIES AND SERVICES

**MIST Robotics Club.** MIST Robotics club was established in the year 2015 under the guidance of EECE dept. To cope with the technological advancement MIST Robotics Club provides opportunity to the students to explore their innovative ideas on activities. It organizes robotics workshop and competition every year.

**Hydraulic Pump Testing Bench.** The 'Hydraulic Pump Testing Bench' was inaugurated on 24 May 2016. This Testing Bench is one of the landmark establishments of MIST in the path of research and project work. By using updated and advanced technology, this unit will surely serve to make the institution a 'Centre of Excellence'.

**Automotive Engineering Equipment Testing Centre.** The 'Automotive Engineering Equipment Testing Centre' provides the technological support in the field of research and project work. It also provides students with ample opportunity to utilize their knowledge into practice by solving real-world problem. It also provides necessary technical support to different governmental organization regarding type approval of motor vehicles and other tests.

**Computer Repair and Maintenance Centre.** The 'Computer Repair and Maintenance Centre' was inaugurated on 01 December 2013. MIST has well enriched "Computer Repair and Maintenance Centre" for repairing the defective computer and accessories.

**Centre for Energy, Environment Studies and Research (CEESR).** The 'Centre for Energy and Environmental Studies' of MIST is under the auspices of the department of EECE which is engaged in education, research, and professional training in the fields of energy and environmental analysis. The perspective of the centre is multi-disciplinary and problem-oriented.

**Captaincy.** To promote leadership qualities among the students MIST Captain on various categories are elected from the students, namely MIST Captain, MIST Cultural Captain, MIST Debate Captain and MIST Sports Captain. Besides these, department captains of same categories and class captains are also elected for smooth functioning of students' activities.

**Environment and Climate Change Studies Centre.** Climate change has become a burning issue for sustainable development. To contribute in capacity building and develop an appropriate technology, CE department has incorporated environmental engineering in her post graduate program. A Research Centre named "Environment and Climate Change Studies Centre" is facilitating research work on this issue.

**Centre for Disaster Management Studies.** Bangladesh is a disaster prone country. To provide quality human resources and facilitate disaster related research work for Disaster Management in Bangladesh a research centre named "Centre for Disaster Management Studies" under CE department is functioning.

**Inauguration Ceremony.** Each year launching ceremony of academic session is arranged for apprising new students regarding the salient aspects of MIST activities. MIST welcome all the young engineering students including their guardians in this ceremony. There are interactive session of the guardians with MIST authority and orientation with MIST campus. All the students of level-1 in different disciplines (both military and civil) join the ceremony.

**Graduation Dinner.** MIST organizes graduation dinner in honour of the outgoing students. Newly graduates from MIST attend this program after successful completion of their graduation from MIST. Students of level-3, all faculties and staff officers also join the dinner.



## FACILITIES AND SERVICES

**Collaboration with Other Universities.** For expanding research capability including undertaking of faculty-students exchange program MIST has signed Memorandum of Understanding (MoU) with numbers of organizations and universities both in home and abroad. Few notables are: Mershon Center For International Security Studies and The School of Earth Sciences, The Ohio State University(OSU), Columbus, Ohio, United States, The Institute of Water Modelling (IWM) Bangladesh, University of Malaya (UM), International Islamic University Malaysia (IIUM), Universiti Kebangsaan Malaysia (UKM), Universiti Tenaga Nasional (UNITEN), Kotelawala Defence University (KDU) Srilanka, United States Naval Academy (USNA) etc.



# INSTITUTIONAL HIGHLIGHTS





## January-2017

### WORKSHOP ON 'ADVANCE BRIDGE DESIGN-2017'

The Department of Civil Engineering (CE) of MIST organized a workshop on '**Advance Bridge Design-2017**' on 09 January 2017. Professor Dr. NurYazdani from The University of Texas Arlington, USA conducted the course as the resource person. A total of 60 participants took part in the session which included participants from different universities, professionals from government and non-government organizations.



### 'LAUNCHING CEREMONY OF ACADEMIC SESSION 2016-17'



'**Launching of Academic Session 2016-2017**' was held on 25 January 2017. Commandant, MIST welcomed all the young engineering students including their guardians in this ceremony. There were interactive session of the guardians with MIST authority and orientation with MIST campus.

Academic Session 2016-17 started from 29 January 2017. More than 570 students (both military and civil) joined MIST in level-1 in different disciplines. The disciplines are CE-19, CSE-17, EECE-15, ME-15, AE-9, NAME-5, BME-3, Arch-3, NSE-3, EWCE-3, IPE-2 and PME-2.



## February-2017

### 'ARCHITECTURE FEST-2017'

The architecture festival of the Department of Architecture, MIST- '**Architecture Fest 2017**' was held on 15 and 16 February 2017 at MIST. Mr Anwar Hossain Manju, MP Honorable Minister, Ministry of Environment and Forest was present as the Chief Guest in the Festival. In this event around 150 participants from 20 different educational institutions participated and highlighted about prevention of adverse effect of rapid urbanization. Among others Ar. Md Foyez Ullah, Prof. Dr. Khandakar Shabbir Ahmed, Dr. Tapan Kumar Dhar, Ar. N R Khan, Ar Nahas Khalil and Prof. Dr. Sheikh Sherajul Hakim attended as the Keynote Speakers at the inauguration of the programme. The festival was followed by a Student Competition.



### 1<sup>st</sup> INTERNATIONAL CONFERENCE ON 'MECHANICAL ENGINEERING AND APPLIED SCIENCE (ICMEAS-2017)'



First International Conference on '**Mechanical Engineering and Applied Science (ICMEAS-2017)**' was jointly organized by Faculty of Mechanical Engineering, MIST and Department of Mechanical Engineering, BUET in 22-23 February, 2017. More than 150 authors participated in that conference from home and abroad. Along with others, keynote speech was presented by Professor Stephen D. Butt, Memorial University of Newfoundland, Canada in the inaugural ceremony. Honourable Minister Mr Amir Hossain Amu, MP Ministry of Industry was the Chief Guest of that ceremony.



## March-2017

### '15th GRADUATION CEREMONY-2017'

The '**15th Graduation Ceremony**' of MIST was held on 01 March 2017 at MIST. Honorable Minister, Ministry of Education, Mr. Nurul Islam Nahid, MP graced the occasion as the Chief Guest and handed over BSc Engineering certificates to the newly graduates. Commandant MIST Major General Md Abul Khair, ndc, PEng, presided over the ceremony. Chiefs of three Services, Members of Parliament, High Commissioners, Ambassadors, Secretaries of different Ministries, Vice Chancellors of different universities, civil and military high officials, academicians and guardians of the newly graduates were present in the ceremony.



### 'ROBOLUTION- 2017'



'**Robolution-2017**' was held on 04 March 2017 organized by MIST Robotics Club in association with the Department of EECE of MIST. Architect Yeafesh Osman, Honourable Minister Ministry of Science, and Technology was the Chief Guest. Almost 1300 students from 37 universities, schools and colleges were present in the event. There were total 7 segments. MIST earned the championship in Solid Works competition and Runner up in Battle of Bots.



April-2017

## TRAINING ON 'CYBER SECURITY AND E-FILING SYSTEM FOR BEPZA PERSONNEL'

A training on '**Cyber Security and E-Filing Systems for BEPZA Personnel**' was arranged by the Department of CSE from 27 March to 01 April 2017 where 42 employees from BEPZA attended the training. Classes were conducted by experts and professionals from industries in the field of cyber security and e-filing systems.



## DEVELOPMENT OF POP UP TGT AND FIRING RESULT AUTOMATION SYSTEM (FRAS) BY R&D WING MIST



Under the supervision of headquarters ARTDOC, R&D Wing of MIST innovated Digital '**Pop Up Target system and Firing Result Automation System (FRAS)**' which are of great use for military training. It was presented before the Honourable Chief of Army Staff General Abu Belal Muhammad Shafiul Huq, SBP, ndc, psc on 18 April 2017 at Saver Cantonment. The system have been already introduced in Bangladesh Army and these are very effective to increase firing efficiency of the soldiers during peace time.



May-2017

## VISIT OF INDIAN TEAM

A team of two professors and 7 students from the Department of Library and Information Science of the University of Calcutta, India visited MIST Central Library on 9 May 2017.



## INAUGURATION OF FOUNDATION PLAQUE OF MIST FACULTY TOWER BUILDING- 3 and 4



Honourable Chief of Army Staff General Abu Belal Muhammad Shafiul Huq, SBP, ndc, psc laid the Foundation stone of MIST Faculty Tower Building- 3 and 4 on 21 May 2017. All military, other high officials, Commandant and all faculty members of MIST were present in the ceremony.



June-2017

## 19<sup>th</sup> RAISING DAY OF MIST

19<sup>th</sup> Raising Day of MIST was observed on 16 June 2017. The day started with the hoisting of national and MIST flag. Special prayer and Iftar party were arranged on the day. All military and civil officials and employees of MIST were present on the occasion.



## TRAIN THE TRAINERS COURSE OF BRITISH COUNCIL AT MIST



A professional course for the faculty members of MIST was conducted by British Council, Dhaka under the arrangement of Science & Humanities Department from 12-14 June 2017. Total 30 faculties (both military & civil) attended the course. Participants were trained on modern teaching methodology and learner-centered approach in this course. British Council awarded certificates to the participants at the end of the course.



July-2017

## 'AUNKUR-2017'

'AUNKUR-2017', an Inter University Cultural Competition is organized by Literature and Cultural club of Military Institute of Science and Technology on 28 July 2017 at MIST. Honourable Cultural Affairs Minister Mr Asaduzzaman Noor, MP graced this occasion as Chief Guest and said to maintain progressive development of the country by contributing positive cultural movements, where a good number of different university students were present.

Major General Md Abul Khair, ndc, PEng, Commandant, MIST, students from different universities and other high military and civil officials were also present in the festival.



## SEMINAR ON 'ENERGY SCENARIO AND PROSPECT OF PETROLEUM AND MINING ENGINEERING IN BANGLADESH'



The department of Petroleum and Mining Engineering (PME) of MIST organized a seminar titled '**Energy Scenario and Prospect of Petroleum and Mining Engineering in Bangladesh**' on 29 July 2017. Mr Nasrul Hamid, MP, Honourable State Minister, Ministry of Power, Energy and Mineral Resources graced the occasion as Chief Guest. The keynote speeches were delivered by Professor Dr. Badrul Imam, Department of Geology, Dhaka University and Engr Mohammad Hossain, Director General, Power Cell, Ministry of Power, Energy and Mineral Resources.

Major General Md Abul Khair, ndc, PEng, Commandant, MIST, academicians, professionals, entrepreneurs and other high military and civil officials were also present in the seminar.



## August-2017

### OBSERVATION OF 'NATIONAL MOURNING DAY'

MIST observed the '**National Mourning Day**' on 15 August 2017 with the deepest respect and honour on the occasion of the 42<sup>th</sup> death anniversary of Father of the Nation Bangabandhu Sheikh Mujibur-Rahman. The day was a public holiday and the national flag flew at half-mast. Special prayer was offered after Fajr for the departed soul of Bangabandhu. Documentary films were shown and discussion was held highlighting the struggle, achievements and contribution of the Father of the Nation. Commandant, Major General Md Abul Khair, ndc, PEng, faculty members, students and all ranks of MIST attended the programme.



### VISIT OF 'ACCREDITATION (BAETE) TEAM TO CSE DEPARTMENT'



A 3 member team of the Board of Accreditation for Engineering and Technical Education (BAETE) visited CSE Department of MIST on 23 August 2017. Associate Professor Dr. Md. Salekul Islam, Head CSE Department, UIU, Dhaka, led the visiting team. The board finally approved the accreditation of Computer Engineering Programme of MIST for a period of three years. BAETE is the professional body that gives accreditation to engineering programmes in Bangladesh.



## September-2017

### WORKSHOP ON 'PLANT CONDITION MONITORING AND NON DESTRUCTIVE TESTING APPLICATION IN INDUSTRIAL SECTOR'

The Department of Mechanical Engineering (ME) of MIST organized a workshop on **'Plant Condition Monitoring and Non Destructive Testing Application in Industrial Sector'** on 16 September 2017. Cdre M Munir Hasan, (E), BN, Dean Faculty of ME graced the occasion as Chief Guest.



### SEMINAR ON 'INTERNET OF THINGS (IoT) AND TELECOM REGULATORY ENVIRONMENT IN BANGLADESH'



The Department of Computer Science and Engineering (CSE) of MIST organized a seminar on **'Internet of Things (IoT) and Telecom Regulatory Environment in Bangladesh'** on 19 September 2017. Brigadier General Md Zakir Hossain, ndc, psc, te, Director Student Welfare graced the occasion as Chief Guest. Colonel A B M Humayun Kabir, psc, te Head, Department of CSE was the moderator of the session.



# October-2017

## VISIT OF 'ACCREDITATION (BAETE) TEAM TO ME DEPARTMENT'

A 03 member team of the Board of Accreditation for Engineering and Technical Education (BAETE) visited ME Department of MIST on 10 October 2017. Professor Dr. Engr. M. Fazli Ilahi, Chairman, led the visiting team. The board finally approved the accreditation of Mechanical Engineering Programme of MIST for a period of five years. BAETE is the professional body that gives accreditation to engineering programmes in Bangladesh.



## 'COUNCIL OF MIST'



The 19<sup>th</sup> council meeting of MIST was held on 04 October 2017 at MIST. Education Minister Mr. Nurul Islam Nahid, MP presided over the meeting. Commandant MIST, Major General Md Abul Khair, ndc, PEng welcomed the Minister.

Chief of Army Staff, Chief of Naval Staff, Chief of Air Staff, Principal Staff Officer Armed Forces Division, VC BUP, Engineer-in-Chief, high ranking representatives of Dhaka University, BUET, Ministry of Defence, Ministry of Education, Ministry of Information and Communication Technology were present in the meeting.



## November-2017

### '55<sup>th</sup> ACADEMIC COUNCIL MEETING'

The 55<sup>th</sup> meeting of the Academic Council of MIST was held on 02 November 2017 at MIST. Commandant MIST Major General Md Abul Khair, ndc, PEng chaired the meeting. Representatives from DU, BUET, Ministry of Education, Ministry of Defence, Armed Forces Division, Army, Navy and Air Force were present in the meeting.



### 'ADMISSION TEST-2017'



MIST conducted undergraduate Admission Test on 10 Nov 2017 for Civil Engineering (CE), Computer Science and Engineering (CSE), Electrical, Electronic and Communication Engineering (EECE), Mechanical Engineering (ME), Aeronautical Engineering (AE), Naval Architecture and Marine Engineering (NAME), Bachelor of Architecture (B. Arch), Biomedical Engineering (BME), Nuclear Science and Engineering (NSE), Environmental, Water Resources and Coastal Engineering (EWCE), Petroleum and Mining Engineering (PME), Industrial and Production Engineering (IPE) programmes. Against 570 vacancies a total of 8548 short-listed candidates appeared in the admission test.



## December-2017

### 'GOVERNING BODY OF MIST'

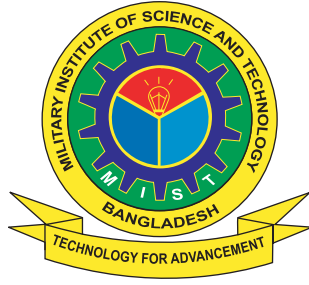
The 30<sup>th</sup> meeting of the '**Governing Body of MIST**' was held on 07 December 2017 at MIST. Commandant MIST Major General Md Abul Khair, ndc, PEng presided over the meeting. Engineer in Chief Bangladesh Army Major General Md Siddiqur Rahman Sarker, SGP, hdmc, psc, higher officials from civil and military, representatives from DU, BUET and BUP were present in the meeting.



### CERTIFICATE AWARDING CEREMONY OF 'CERTIFICATE COURSE ON CYBER SECURITY'



Certificate Awarding Ceremony of '**Certificate Course on Cyber Security**' was conducted by CSE Department of MIST. The closing and certificate awarding ceremony was held on 28 December 2017. Lt Gen Md Mahfuzur-Rahman, rcds, ndc, afwc, psc, PhD PSO, AFD was the Chief Guest in the ceremony.



# FACULTIES AND STAFF OFFICERS





## HQ MIST



Maj Gen Md Abul Khair, ndc, PEng  
Commandant



Col Md Masudur Rahman,  
BSP, SPP, afwc, psc  
Colonel Staff



Maj Md Golam Mostofa, AEC  
GSO-2 (HQ)



Maj Md Nahid Hossain, Engrs  
GSO-2 (Coord)



Maj Zeenatul Firdous, AEC  
GSO-2 (IA)

## DIRECTORATE OF STUDENTS WELFARE



Brig Gen Mohammad Khalil-ur-Rahman, psc, te  
Director

## DIRECTORATE OF ICT



Col Abu Zafor Mohammad Salahuddin  
Director



Lt Col Mohammed Ali, psc, Sigs  
GSO-1



Md Azmal Hossain  
Maintenance Engineer



Mazharul Haque  
Software Engineer



## ACADEMIC WING



Cdr M Shafiqul Islam Mondle, BN  
GSO-1 (Academic)



Maj Monira Sultana, psc, Engrs  
GSO-2 (Academic)

## CONTROLLER OF EXAM SECTION



Capt Anwarul Haque  
Chowdhury, (E), psc, BN (Retd)  
Exam Controller



Wg Cdr Ataharul Kabir, BAF  
GSO-1 (Exam)



Capt. Md. Mahbubur Rahman, EME  
GSO-2 (Exam)



## RESEARCH AND DEVELOPMENT WING



Brig Gen Md Abdul Wohab, ndc, PEng  
Director Research and Development



Lt Col Muhammad Sanoullah, psc, Engrs  
GSO-1 (Research)



Maj Md Abu Taleb Sheikh, Engrs  
GSO-2 (ARSTC)



Md Moslem Uddin  
Librarian



Mst Nusrat Sultana  
Asst Librarian



Maisha Fariha  
IT Officer

## ADMIN WING



Col M Mahmudul Hassan  
Director Administration



Maj Mohammad Shah Alam,  
psc, Arty  
GSO-2 (Mess)



Maj Ferdous Alam Sharker, MPH  
Medical Officer



Maj A K M Saiful Haque  
GSO-2 (Procurement)



Maj Md Raqibul Hasan, Engrs  
DAA & QMG



Maj Kazi Maqsdur Rahman, Sigs  
Account Officer



Mahbub Alam  
Civil Administration Officer



Dr. Mahbuba Binte Mannan  
Medical Officer



Yeasmin Akhter  
Deputy Director (Admission)



# FACULTY OF CIVIL ENGINEERING



Brig Gen K M Salzar Hossain, ndc, psc  
Dean Faculty of CE

## CE DEPARTMENT



Col Shah Md Muniruzzaman, psc, PhD  
Head of the Department



Dr. Md Zoynul Abedin  
Senior Professor



Brig Gen Md Abdul Wohab, ndc, PEng  
Senior Instr



Brig Gen Habibur Rahman  
Kamal, psc (Retd)  
Professor



Dr. G. M. Jahid Hasan  
Professor



Dr. Md. Tauhid-Ur-Rahman  
Professor



Lt Col Zahidul Islam, SGP, Engrs  
Instr CI-A



Lt Col Md Monirul Islam, psc, Engrs  
Instr CI-A



Lt. Col Mohammad Nur  
Hossain, BSP, psc, Engrs  
Instr CI-A



Lt Col G M Faruque, Engrs  
Instr CI-A



Lt Col Mohammad Ziaul  
Hoque, psc, Engrs  
Instr CI-A



Maj Md Moinul Islam, Engrs  
Instr CI-B



Maj Md Soebur Rahman, PhD, Engrs  
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# CE DEPARTMENT



Maj Khondaker Sakil  
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Maj Mohammad Russedul  
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Kamrul Islam  
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Naveel Isam  
Asst Professor



Capt Muhammad Abdur Rahman, Engrs  
Instr CI-C  
(Programme Co-ordinator)



Capt Sampa Akther, Engrs  
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Capt A T M Masum, Engrs  
Instr CI-C



Capt Muntahith Mehedi  
Orvin, Engrs  
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Capt Md. Kausar Alam Anik, Engrs  
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Mumtasirun Nahar  
Lecturer



Tamanna Jerin  
Lecturer



Khadiza Binte Jalal  
Lecturer



Kh Afia Farzana Haque  
Lecturer



Anika Tabassum  
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Mizanur Rahman  
Teaching Assistant



Ibriju Ibrahim  
Research Assistant



## EWCE DEPARTMENT



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Towfiq Amin, Engrs  
Instr CI- C  
(Programme Co-ordinator)



Capt Nafiz Ul Ahsan, Engrs  
Instr CI- C



Capt Numan-Al-Kibriya, Engrs  
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Afiya Narzis  
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Ummul Khaira  
Lecturer



Puja Das  
Lecturer

## PME DEPARTMENT



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Mohammad Amirul Islam  
Asst Professor



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Instr CI- C  
(Programme Co-ordinator)



A S Daiyan Ahmed  
Lecturer



Jumman Al Jawad  
Lecturer



# ARCH DEPARTMENT



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Head of the Department



Dibbendu Saha  
Associate Professor



Sudipti Biswas  
Asst Professor



Mustafizur Rahaman  
Asst Professor



Ruksana Afroz  
Asst Professor



Capt Md Raisul Mostafa Sojib  
Instr CI- C



Capt Md Manzur Morshed Khan  
Instr CI- C  
(Programme Co- ordinator)



Manifa Rehnema  
Senior Lecturer



Tazrin Islam  
Lecturer



Sadia Sharmin  
Lecturer



Manjima Shabnam  
Lecture



# FACULTY OF ECE



Brig Gen Md Shohail Hossain Khan, psc  
Dean Faculty of ECE

# CSE DEPARTMENT



Col A B M Humayun Kabir, psc, te  
Head of the Department



Air Cdre Md. Afzal Hossain, ndc, psc  
Senior Instr



Brig Gen Mohammad Khalil-ur  
Rahman, psc, te  
Senior Instr



Col Nishith Kumar Datta  
Senior Instr  
(From Indian Army)



Dr. Md. Mahbubur Rahman  
Professor



Lt Col Shihabul Islam, EME  
Instr CI- A



Lt Col Md Mahboob Karim, psc, EME  
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Lt Col Md Abdur Razzak, psc, Sigs  
Instr CI- A



Lt Col Md. Amir Hossain  
Mollah, psc, Sigs  
Instr CI- A



Lt Col Mohammad Masudur  
Rahman Khan, Sigs  
Instr CI- A



Lt Cdr S M Anisur Rahman (H-3), BN  
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Maj Kaji Atiqul Haque, psc, G, Arty  
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Maj A K M Sharif Uddin, Sigs  
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## CSE DEPARTMENT



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Maj Md Fazle Rabbi, EME  
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(From Indian Navy)



Sharifa Rania Mahmud  
Lecturer



Chowdhury Nawrin Ferdous  
Lecturer



Tasmiah Tamzid Anannya  
Lecturer



Sanjida Nasreen Tumpa  
Lecturer



Najia Manjur  
Lecturer



Nipi Paul  
Lecturer



Anika Binte Islam  
Lecturer



Rubayet Islam  
Lecturer



Umma Habiba  
Lecturer



Najia Hossain  
Lecturer



Mowmita Sarker  
Lecturer



Zinia Sultana  
Lecturer



Fatima Jannat  
Lecturer



Md. Saidul Hoque Anik  
Lecturer



# EECE DEPARTMENT



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Head of the Department



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Senior Instr



Col Md Golam Mostafa  
Senior Instr



Capt M S A A F Shiblee, (L), BN  
Senior Instr



Col Mohd Moinul Haq Mamun, psc  
Senior Instr



Col A K M Nazrul Islam, PhD  
Senior Instr



Col Molla Md. Zubaer, te  
Senior Instr



Lt Col Md Rosaidul Mawla, psc, EME  
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Cdr K M Tanveer Anwar, (L) BN  
Instr CI- A



Wg Cdr Toyobur  
Rahman, psc, PhD, BAF  
Instr CI- A



Maj Md. Ali Azam Khan, EME  
Instr CI- B



Maj Md. Tawfiq Amin, PhD, EME  
Instr CI- B



Capt Marzuka Ahmed Jumana, Sigs  
Instrs CI- C



Capt Tasmia Hasan Saika, Sigs  
Instrs CI- C



Capt Fariha Tabassum, Sigs  
Instrs CI- C



Capt Mohammad Naim Uddin, Sigs  
Instrs CI- C



Capt Shah Mohazzem Hossain, Sigs  
Instr CI- C  
(Programme Co-ordinator)



## EECE DEPARTMENT



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Instrs CI- C



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Lecturer



Twisha Titirsha  
Lecturer



Sunjida Sultana  
Lecturer



Tanveer Ahmed Siddique  
Lecturer



Zahid Hassan Tushar  
Lecturer



Farin Rahman  
Lecturer



Emran Khan Ashik  
Lecturer



A. S. M. Iftakhar  
Lecturer



Nayeem Aas Sakib  
Lecturer



# FACULTY OF MECHANICAL ENGINEERING



Cdre M Munir Hassan, (E), BN  
Dean Faculty of ME

## ME DEPARTMENT



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Head of the Department



Dr. Quamrul Islam  
Professor



Dr Dipak Kanti Das  
Professor



Dr. Md Alamgir Hossain  
Professor



Lt Col Golam Saklayen, EME  
Instr CI- A



Lt Col Muhammad Nasir Uddin, EME  
OIC Workshop



Lt Cdr M Masum-Ul-Hasque, (E), BN  
Instr CI-B



SqnLdrMstMousumiRizia, Engg, BAF  
InstrCI-B  
(Programme Co-ordinator)



Capt Najmus Saquib Sifat, EME  
InstrCI-C



Capt H. M. Khairul Enam, EME  
Instr CI- C



Zawad Abedin  
Lecturer



Zaimaa Salsabil  
Lecturer



Tonima Afrose  
Lecturer



## ME DEPARTMENT



Anindita Dhar Swarna  
Lecturer



Jasmin Ahmed  
Lecturer



Suvro Bhowmick  
Lecturer



Sadia Noon Oishe  
Lecturer



Raduanul Islam Mridul  
Lecturer



Maria Akter  
Lecturer



Mohsan Uddin Ahmad  
Lecturer



Shamimur Rahman Akand  
Lecturer



Arefiny Sabah  
Lecturer



# AE DEPARTMENT



Air Cdre Md Abdus Salam, psc, Engg  
Head of the Department



Dr. M A Taher Ali  
Professor



Gp Capt Debasish Biswas, AE (L)  
Senior Instr  
(From Indian Air Force)



Gp Capt Md Mahbulul Alam, psc, Engg  
Senior Instr



Wg Cdr Dr. Vikram Venkatarao  
Deshpande, AE (M)  
Instr CI- A



Lt Col A M M Shamsul Alam , EME  
Instr CI - A



Sqn Ldr Mosammat Samia Khanam, Engg  
Instr CI - B



Capt Md. Touhidur Rahman Evan, EME  
Instr CI- C  
(Programme Co- ordinator)



Capt Shanjida Akter, Sigs  
Instr CI- C



Mohsina Rashid  
Lecturer



Mahbuba Ferdous  
Lecturer



Masum Bellah  
Lecturer



Shoyon Panday  
Lecturer



S. M. Rakibul Rahman  
Lecturer



Richie Ranaisa Daru  
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Tariqul Islam  
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# NAME DEPARTMENT



Cdre M Munir Hassan, (E), BN  
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Capt M Muzibur  
Rahman, (E), psc, BN  
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Dr Md Reaz Hasan Khondoker  
Professor



Cdr Kaosar Rashid, (E), psc, BN  
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Lt Cdr Md Golam Mohiuddin, (E), BN  
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Maj Muhammad Rabiul  
Islam, PhD EME  
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Maj Osman Md Amin  
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(Programme Co- ordinator)



Dr. S M Ikhtiar Mahmud  
Asst Professor



Md Mezbah Uddin  
Asst Professor



Md Rafiur Rahman  
Lecturer



Md Abir Hossain  
Lecturer



Rajia Sultana Kamol  
Lecturer



Abu Afree Andalib  
Lecturer



## IPE DEPARTMENT



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Lt Col A K M Khabirul Islam  
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Tanmoy Das  
Asst Professor



Capt Ismat Ara  
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(Programme Co- ordinator)



Nadia Tanzeem  
Lecturer



Nighat Afroz Chowdhury  
Lecturer



Saiara Samira Sajid  
Lecturer



Md Ashfaqur Arefin  
Lecturer



# FACULTY OF SCIENCE AND ENGINEERING



Brig Gen Md Shahidul Alam  
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Maj Md. Ashrafuzzaman, PhD  
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Maj Md. Maruf Hasan, PhD  
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Dr. M Mahfuza Khatun  
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Tamim Hossain  
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Atia Rahman  
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# SCIENCE AND HUMANITIES DEPARTMENT



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Wg Cdr Md Nurul Huda  
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Lt Col Mohammed Omar Faruque, PhD, AEC  
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Maj Mohammad Neaz Morshed, PhD, AEC  
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Maj Brajalal Sinha, PhD, AEC  
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Maj Palash Kumar Sarker, PhD, Sigs  
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Maj Tahmina Sultana, PhD, Engrs  
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Maj Md Amirul Islam, PhD, Engrs  
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Maj Mohammad Shahazahan  
Seraj Bhuiyan, AEC  
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Maj Md Mahabubar  
Rahman Shah, PhD, Engrs  
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Maj Md Mahabubar  
Rahman, PhD, Engrs  
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Maj Md Manwarul Haq, PhD, AEC  
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## SCIENCE AND HUMANITIES DEPARTMENT



Maj Md Munir Hossain, AEC  
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Lt Cdr Sonjibone Sudha (ND), BN  
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Instr CI-B



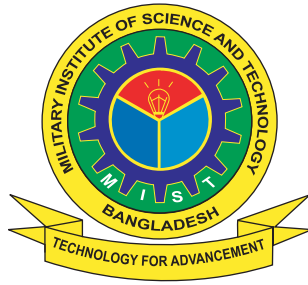
Masud Jahan  
Asst Professor



Selin Yasmin  
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Rumana Maleque  
Lecturer



# BEST OF THE BESTS





## OSMANY MEMORIAL GOLD MEDAL-2017



Nafisha Nubayaatt Haq  
Roll No-201424034  
NAME-2  
CGPA-3.99

## MIST MEDAL-2017



Tasnim Fatema Kabir Nayeema  
Roll No- 201411101  
CE -16  
CGPA-3.92



Sayma Alam Suha  
Roll No-201414086  
CSE -14  
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Md. Mahadi Hasan  
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EECE-12  
CGPA-3.95



Mahadi Hasan  
Roll No-201418046  
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CGPA-3.87



Debanan Bhadra  
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## DEAN'S LIST-2017

### CIVIL ENGINEERING DEPARTMENT:

Level- 4 (CE- 16)

Ser	Roll No	Name	CGPA
1.	201411101	Tasnim Fatema Kabir Nayeema	3.92
2.	201411096	Jesika Rahman	3.84
3.	201411013	Maj Kazi Md Shahadat Hossain, Engrs	3.82
4.	201411067	Maj Md Qamrul Reza, Engrs	3.79

### COMPUTER SCIENCE AND ENGINEERING DEPARTMENT:

Level- 4 (CSE- 14)

Ser	Roll No	Name	CGPA
1.	201414086	Sayma Alam Suha	3.92
2.	201414105	Nabila Shahnaz Khan	3.91
3.	201414012	Sahrima Jannat Oishwee	3.90
4.	201414110	Iyolita Islam	3.87
5.	201414084	Sanjana Srabanti	3.85
6.	201414041	Tasfia Shermin	3.81
7.	201414023	Iffat Tamanna	3.79

### ELECTRICAL ELECTRONIC AND COMMUNICATION ENGINEERING DEPARTMENT:

Level- 4 (EECE- 12)

Ser	Roll No	Name	CGPA
1.	201416043	Omar Faruqe	3.95
2.	2014160112	Md. Mahadi Hasan	3.95
3.	2014160107	Atoshi Majumder	3.92
4.	2014160115	Mohammad Asif Ibna Mustafa	3.92
5.	201416013	Md. Sadman Mallick	3.90
6.	201416032	Rumana Akhter	3.90
7.	201416010	Soheli Noshin Prottasha	3.86
8.	201416082	Md. Mahfuzur Rahman	3.86
9.	201416002	Maj Md Imdadul Hoque, Sigs	3.84
10.	201416017	Md. Naymur Rahman	3.83
11.	201416099	Ishrat Jahan	3.83
12.	2014160105	Rafid Ur Rahman	3.81
13.	201416092	Md. Ferdous Patwary	3.80
14.	201416076	Murtaza Khan	3.79
15.	201416069	Anika Tasnim Primula	3.78
16.	201416015	Abdullah	3.75



## DEAN'S LIST-2017

### MECHANICAL ENGINEERING DEPARTMENT:

Level- 4 (ME- 12)

Ser	Roll No	Name	CGPA
1.	201418046	Mahadi Hasan	3.87
2.	201418063	Lt Md.Yakub, (E), BN	3.83
3.	201418074	Safwan-ul-Iman	3.81
4.	201418109	Sazedur Rahman	3.78

### AERONAUTICA ENGINEERING DEPARTMENT:

Level- 4 (AE- 6)

Ser	Roll No	Name	CGPA
1.	201422029	Debanan Bhadra	3.95
2.	201422025	Md. Ashiquzzaman	3.93
3.	201422051	Najiba Akther	3.92
4.	201422039	Saif Reza	3.83
5.	201422016	Md. Golam Mostofa	3.82
6.	201422056	Khandaker Nusaiba Hafiz	3.79

### Naval Architecture and Marine ENGINEERING DEPARTMENT:

Level- 4 (NAME- 2)

Ser	Roll No	Name	CGPA
1.	201424034	Nafisha Nubayaatt Haq	3.99
2.	201424014	Md Daluar Hussain	3.85
3.	201424008	Kazi Rafi Rahaman	3.79



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Maj Sufi Kamruddin Ahmed, Engrs



Maj Selina Nasrin, Engrs



Maj Md Rezwan Kawsar, Engrs



Maj Md Ruhul Amin, Engrs



Maj Hasan Arifur Rahman, Engrs



Maj M A Azad Anwar, Engrs



Maj Tariq Muhammad  
Shahidul Islam, Engrs



Maj Sakhawat Hossain, Engrs



Maj Md Asiful Alam, Engrs



Maj Kazi Md Shahadat Hossain, Engrs



Amit Kumar Roy



Malieha Zannat Rahman



Md. Mashkurul Islam



Sadia Tasnim Chowdhury



Faria Rahman



Tajina Tamanna  
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Umme Sumaia



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Fairuz Ahmed



Sumit Kumar Ghosh



Quazi Samin Wasif



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Samira Tasnim Progga



## CE -16



Sadia Nawshin



S S Rabika Rahman Sneha



Md. Asif Al Jobayer



Md. Ariful Alam



Nazifa Tabassum



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Sajeeda Islam Deena



Marium Azad



Md. Salim Shadman



Mirza Mohammad  
Mohaimenul Anam



Jannat Ara Ferdous



Md. Mehedi Hasan



Sabiqun Nahar



Md. Sarjil Sajjad



Tasfia Tahsin Hasan  
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Md. Mehedi Hasan



Abdullah Al Mamun Rasel



Amit Hassan Shishir



Subrina Montaz



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Maj H M Mehdi Hasan Aziz, Engrs



Maj Mohammad  
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Masbubul Ishtiaque Ahmed



Md. Sultan Al Mahmud



Maj Md Shafikul Moznabin, Engrs



# CE -16



Maj Minhajul Abedin, Engrs



Maj Gazi Mosharrof Hossain, Engrs



Maj Md Qamrul Reza, Engrs



Maj Muhammad Shohel, Engrs



Maj Z M Mahmudul Islam, Engrs



Maj Md Khademul Islam, Engrs



Maj Mahmudul Hasan Talukder, Engrs



Maj Mustafezur Rahman, Engrs



Maj Md Shah Ali Al Kamal, Engrs



Maj S. M. Tasin Niaz  
Siddiqui, Engrs



Ahasan Habib



Saiful Alam Arif



Md. Raful Islam



Titu Chandro Roy



Lubna Chowdhury



Ahmed Nafees Hassan



Md. Shahjalal



Nibadita Roy



Zannatul Ferdous Labony



Syeda Zarifa Taiyeba  
Abdal



Arnob Debnath



Sakib Raihan



Sayba Habib Jenifer



Mahila Anjuman



Md. Shariful Islam



## CE -16



Abha Arani Islam



Jesika Rahman



Fyroz Anika



Tamanna Akter



Sharmila Afsha



Tasnim Fatema Kabir  
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Mousomi Akter Mumu



Rifat Rumman Rusha



Dilshad Hossain Munmun



Benzir Huq Mou



B. M. Shofiqul Islam



Md. Tanvir Mehedi Apu



Zarin Tasnim Chowdhury



M. Shohel Al Mamun



Nujhat Anzum



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Tanvir Ahmed Siddique



## CSE -14



Maj Md Abdullah  
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Maj A S M Nur Mokarrom, Sigs



Maj Sakib Mahmud, Sigs



Maj Janntul Ferdous, Sigs



Maj Shahid Ahsan  
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Md. Mahmudul Hasan Pious



Sheikh Ashraf Ali



Priyanka Kundu Moumi



Sirajum Munira



Samiul Alim Pratic



Sahrима Jannat Oishwee



Muimma Kabir



Tasbiraha Athaya



Marzia Khatun



Farhan Hasib



Md. Shadman Wasif



Md. Jahidul Islam



Sanjida Akter Sharna



Suzzana Rafi



Iffat Tamanna



Fahim Ahmed



Namrata Saha



Fariha Ahmed



Mahmuda Binte Rashid Samia



Toki Tahmid Inan



## CSE -14



Rifat Jabin



Md. Rafiul Islam



Jakia Sultana



Nawshin Rashidi Oyshee



Ummeey Habiba Bristy



Sadia Akter



M. Shariful Azim



Md. Abdullah Al Mamun



Moneruzzaman Rana



Saborni Shernaj Binte Elahi



Asif Kamal Chowdhury



Tasfia Shermin



Afsana Zaman Nipa



Asif Sanjary



Mosaddek Hossain



Mehedi Afzal Farazi



Md. Tamzid Munir



Ferdousur Rahman



Md. Shahidur Rahaman



Md. Shafiul Islam



Md. Shadman Faysal



Rahul Sarker



Shifat Zaman



Nazmun Naher Kona



Tania Tahmina Jui



## CSE -14



Arnab Roy



Fahim Anzum



Maj Md Rabi-Ul-Islam, Inf



Maj S. M. Rafiqul Islam, Inf



Flg Offr K. M. Hasibudula



Flg Offr Sadia Afrin Khan Pranti



Afsana Khan



Afrida Anzum Aesha



Ishraq Haider Chowdhury



Kazi Md. Munim



Amir Hamza



Nurun Nahar Liya



Manisha Paramita



Nur-E-Zannat



Md. Asaduzzaman



Proteeti Prova Rawshan



Khadija- Tul – Kobra



Shusmoy Kundu



Juthi Sarker Aka



Anusha Kabir



Nafin Shawon



Muhammad Kivran Bin Mokter



Sanjana Srabanti



Khandaker Annatoma Islam



Sayma Alam Suha



## CSE -14



Tasnova Kibria



Brazab Nayak



Md. Saadnoor Salehin



Naznin Sultana Refath



Md. Hasibur Rahaman



Mehreen Hoque



Md. Sazzad Hossain Pavel



Md. Asibul Islam



Juthika Bhattacharjee



Md. Mehedi Hasan Muaz



Nabila Shahnaz Khan



Arnab Debnath



S. M. Faisal Rahman



Sazid Al Ahsan



Anika Ibnat



Iyolita Islam



Hamim Md. Adal



Md. Mahfujul Islam



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Afsana Abida



Lameya Afroze



Nawsheen Tarannum  
Promy



Ashratuz Zavin Asha



Maj Mahmuda Khatun, EME



Maroof Abdul Matin



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Umme Hany



# EECE -12



Maj Fuad-Bin-Ali, Sigs



Maj Md Imdadul Hoque, Sigs



Maj Kawser Mehedi, Sigs



Capt Mehrab Sadat Toshon, EME



Capt Jannatul Nime Jein, EME



Lt Salim Reza (L), BN



Lt K. M. Lutfor Rahman Rabbi (L), BN



Lt Homira Asima Prapty (L), BN



Md. Kamruzzaman Mithu



Soheli Noshin Pruttasha



Abdullah Al Mamun Sarker



Md. Sadman Mallick



Manobendro Sarker



Abdullah



Zarin Tasnim Tishad



Md. Naymur Rahman



Tahsina Tamanna



Meem Shahrin



Ehsanul Haque



Md. Ahsanul Kabir Bulbul



Israt Rahman



Md. Jumshadur Rahaman



A. K. M. Sharoar Jahan Choyon



Shakir Ahmad



Khushnub Anwar



## EECE -12



Sanjina Ershad



Abdullahil Muhaimin



Shadman Shakib Nabil



Fahim Murshed



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Rumana Akhter



Tahmida Hasnat Ferdous



Mehedi Hasan



Neti Nowrin Nilma Ahmed



Fatema Tuz Zohra



Ummay Habiba Mim



Tasin Nusrat



Jinia Afroj



Zarin Tabassum



Farzana Amin



Zakia Tamanna Tisha



Omar Faruqe



Pragati Gupta



Quazi Aqub Ferdaus Aador



Mubashwir Rafsan



Asif Arefine



Azrugh Islam Badhon



Khairul Bin Amin



Md. Monjur Morshed Saikat



Md. Mahmudur Rahman



# EECE -12



Nowrin Nowsher



Aniqat Ibnat Lim



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Basharat Nahar Islam



Reza-E-Rabby



M. Ahasanul Siam



Shahriar M Sakib



Md Rezwan Sharif



Maj A K M Ariful Islam, Sigs



Maj Md Salahuddin  
Ahmed, Sigs



Maj Abdullah-Al-Amin, Sigs



Maj Mohammad Amjad  
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Lt Khalid Muntasir (L), BN



Lt M Khorshed Alam (L), BN



Lt Mehedi Masnad (L), BN



Lt Fatema-E-Zannat (L), BN



Anika Tasnim Primula



Syeda Tahrin Tabassum



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Md Umaer Tahsin



Nusrat Islam Tanny



S.M. Mustahsin Saabit



Murtaza Khan



Mst. Meherunnesa Mira



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Subah Fairouz



Rubaiyat Sharmin Mimi



Md. Mahfuzur Rahman



Sumaya Siddiqui



Shanzida Kabir



Md. Rezwan Ashraf



Sadia Hossain Synthia



Md. Nazmul Islam Nafis



Muhaiminul Islam



Maliha Maliat



Tahmid Sadman



Md. Ferdous Patwary



Md. Farhan Haider



Nusrat Yasmin Tama



Mohammad Ulla Shiblu



Syeda Rabaya



Ruhin Chowdhury



Aoungkyakhai Marma



Ishrat Jahan



Sharmin Zaman Noyona



Md. Arif Hasan



Zafrin Ferdous Mira



Rafid Ur Rahman



Sudipto Roy



Atoshi Majumder



## EECE -12



Md. Sakawat Hossain



Md. Fokhrul Islam



Mohammad Asaduzzaman



Md. Mahadi Hasan



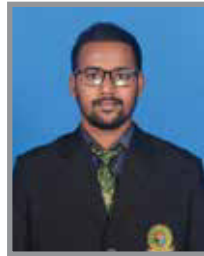
Md Amirul Ashekin



N M Nafiur Rahman  
Mazumder



Mohammad Asif Ibna Mustafa



Ragib Tahmid Shuvo



Abdullah-Al-Shakirul



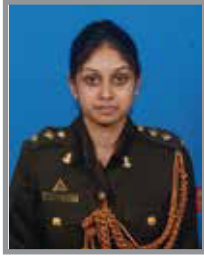
Md. Rokonzaman Rabby



# ME -12



Maj Sayem Adnan Bin Rahman, EME



Capt Afsana Tazrin, EME



Ag S Lt Shourav Kumar Paul, (E), BN



Ag S Lt M Tauhidul Islam, (E), BN



Ag S Lt M Raian-Ur Rahman, (E), BN



Sadia Akter Reni



Mohaiminul Islam



Dhiman Dey



Raian Nur Islam



Muntasir Rahman



Md. Nazmul Karim Jihan



Navid Md. Sium



Ayesha Bhuyan



Shariba Ahmed



Md. Iftekhar Anam



Tazeen Afrin Mumu



Md. Mashiur Rahman



Md. Hasibur Rahman



Md. Moshiur Rahman



Md. Yamin Khan



Anila Chakma



Sheikh Ramisa Fariha



Shahriar Shah



Mostafa Azmol Abir



Md. Mainul Hassan



## ME -12



Noor Mohammad



Araf Mim Ahmed Smrity



Anika Farhat Tasnim



Sharodia Majumder



Asif Ashraf



Md. Monjur Alam Milon



Satya Brata Das



Mushfiqur Rahman Siddiqui



Kazi Afif Salam



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Md. Asaduzzaman



Yashdi Saif Autul



Mahadi Hasan



Md. Atif Yasir



Arifur Rahman Jippy



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Md. Monjur Rahman



Md. Arman Omar



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Asrar Bin Islam



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# ME -12



Sa-Adul Showkat



Marina Islam Sifat



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Md. Towfiqul Islam



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Iqtar Uddin  
Mohammad Biplob



Maj Najmus Sakib



Qazi Razibul Haque



Ag S Lt Md. Yakub, (E), BN



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Ag S Lt Md. Mostafa  
Tanveer, (E), BN



Ag S Lt Sanjana Shehrin  
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Ag S Lt Md. Toha-Al-Tasbir, (E), BN



Sajid Chowdhury



Md. Mahadi Hanna Mridul



Intiaz Taimoor



Md. Ehsanul Hasan



Md. Bodrudoza Maruf



Safwan- Ul- Iman



Abeer Ali Khan



S. A. M. Shafwat Amin



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Md. Al-Amin Islam



Ashrabi Huq Poushi



## ME -12



Alimul Khadem



Md. Jubaer Hossain



Nazneen Sultana Aankhy



Fayeze Khan



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Md. Insiat Islam (Rabby)



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Mir Md. Faysal Ahsan



Dipta Paul



Ishtier Rahman



Saadat Mubasshir



Mohammad Ahnaf Shariar



Arif Quadir



Md. Jekrullah



Afshana Morshed



Md. Ashraf Hossain Bhuiyan



Md. Sakibuzzaman Sakib



SM Abdullah-Al-Amin



Sazedur Rahman



Md Shah Arman Alam  
Talukder Najib



Misrat Jahan



A S M Mashiuzzaman



Rifat Sultana



Md. Zarin Mahamud



Kamruzzaman Nayem



## ME -12



Tashrik Mahmud Rahat



Md. Mushfiqur Rahman



Maliha Kabir Joya



Md. Ayman Khan



Muzahid Bin Khalid



Fahim Murshed



Samir Shadman Zahir



Muhammad Ifaz Shahriar  
Chowdhury



Maj Alija Alam, EME



# AE -6



Capt Monira Mahjabeen Mowri, EME



Flg Offr Asrifa Ferdouse Suma, Engg



Flg Offr Sangeet Tarafder, Engg



Flg Offr Kafsai Taius, Engg



Flg Offr Redhawan Raziur Rouf, Engg



Flg Offr Mohammad Abu Nayem, Engg



Shafkat Z. Islam



Md. Mahdy Islam



Md. Mozahid Ali Mallik



Abu Sufian Saif



Sujit Saha



S. M. Rashedul Hasnat



Md. Mobassir Hossain



Md. Golam Mostofa



Md. Abul Khair



Promila Pranti Das



Ibrahim Hossain



Md. Imran Nur



Mehnaz Sharna



Rahul Carnalious Snal



Md. Anwar Parvez



Md. Ashiqzaman



Sajid Nakvee



Noor Mohammad Naim



Niaz Morshed Faysal



## AE -6



Debanan Bhadra



Nawshin Sanjida Haq (Biva)



Tashrif Mahmud



Golam Sarwar Akanda



Saif Reza



Md. Farhan Hoque Sagar



Farzana Yeasmin



Md. Mahmudul Hasan



Tanvir Hassan



Md. Shatil Islam Shanto



Rahul Deb Nath



Dianath Kabir Orpy



Najiba Akther



Md. Mahmudul Islam



Abul Kalam Azad



Naumi Noshin Chowdhury



Nanzeeba Tabassum



Khandaker Nusaiba Hafiz



Md. Amirul Islam



Nazmul Hasan



Md. Kamruzzaman  
Hridoy



Imran Raihan Khan Rabbi



Md. Shajaratul islam



Mosarruf Hossain



Md. Rayhan Chowdhury



## AE -6



Maliha Nawal



Md. Shahnewaz Haque



Shah Mahmud Yasin



Flt Lt S. M. Shahriar Iqbal, Engg



Flt Lt Md. Mahmudul Islam, Engg



Flt Lt Waliullah Khan, Engg



Rawnak Jahan



Asifur Rahman Khan



Zeba Munawara



Mahfuza Sultana



M. Manzurul Karim



Abdul Kader



# NAME -2



Capt Md. Taufiqul Islam, EME



Lt Rubaiyet Shahreen Karim, (E), BN



Lt M Shohanul Islam, (E), BN



Lt M Mehedi Hasan, (E), BN



Kazi Rafi Rahaman



Md Shehjad Rifat Siam



Lt Mawlud S Faal



Md Ahsanur Rahman



Umme Saima



Md. Daluar Hussain



Rajib Debnath



Nusrat Jahan Raka



Fairuz Fahmida Roshny



Hasan Ruhan Rabbi



Md. Shahariar Kabir



Fahien Kabir



Md. Shahnewaz



Anika Zia



Md. Rahat Kabir



Aysha Nasrin Asha



Sanjida Afroze



Mossa Monjura Naznin Binty



Nafisha Nubayaatt Haq



Shad Humydee



Sirajum Munira



## NAME -2



Rusafa Rabi



Rokeyanus Sabiha



Sumaiya Farzana



Sadia Haque



Md. Soyeb Hossain



Umme Salma Shanta



Md. Mehedy Hasan



Sadman Hasan Noor



Momena Akter



Hironmoy Ahmad



Lt M Hakikul Islam Bhy



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