

Serial no.	Title	Authors Name	Journal/conference
1.	Auto Landing Sequence for an Unmanned Aerial Vehicle at a Fixed Point	Md. Shariar Imroze Khan, Mubashera Belal Tiasha, Shuvrodeb Barman	International Conference on Electrical, Computer and Communication Engineering (ECCE 2017), 16-18 February, 2017, Cox's Bazar, Bangladesh
2.	A Study on Engine Selection, Thrust and Matching Plot of Attack Bomber Aircraft	Motiur Rahman Palash, Md. Shariar Imroze Khan, Md. Sadman Sakib	International Conference on Mechanical Engineering and Applied Science, 22-23 February 2017, MIST, Dhaka, Bangladesh
3.	Investigation of Most Ideal GNSS Framework (GPS, GLONASS and GALILEO) for Asia Pacific Region (Bangladesh)	MD. Mahmudul Hasan, Redhawan Raziur Rouf, MD. Shajaratul Islam	International Journal of Applied Information Systems (IJ AIS) (DOI: 10.5120/ijais2017451719, November 2017 Edition (Issue ISBN: 973-93-80975-18-1)). Digital Library URI: http://www.ijais.org/archives/volume12/number8/1010-2017451719
4.	Proposed Design for Automated Agro-Quadcopter “Agro-ropter”	MD. Mahmudul Hasan, Redhawan Raziur Rouf, MD. Shajaratul Islam	IJSER (International Journal of Scientific & Engineering Research) August 2017 Edition
5.	Design and Fabrication of a Radio Controlled Unmanned Aerial Vehicle for Emergency purposes	Sadia Islam, Nafiz Ahmed Khan, Md. Abdus Salam, Kh. Md. Faisal, MD. Ashiquzzaman, Mahfuja-A-Khuda, S. M. Rakibur Rahman, Nusrat Jahan and Mir Md.Nasim Hossain	International Conference on Mechanical Engineering (ICME), 20-22 December 2017, BUET, Dhaka, Bangladesh

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6.	Computational Study of Airfoil Performance with the Incorporation of a Moving Surface at the Leading Edge	Nafiz Ahmed Khan, Md. Abdus Salam, Kh. Md. Faisal and Debanan Bhadra	International Conference on Mechanical Engineering (ICME), 20-22 December 2017, BUET, Dhaka, Bangladesh
7.	Simulation of wind flow over square, pentagonal and hexagonal cylinders in a staggered form	Z. Abedin, Nafiz A. Khan, MST. Mousumi Rizia, and Md. Quamrul Islam	AIP Conference Proceedings 1919, 020004 (2017); https://doi.org/10.1063/1.5018522
8.	Comparison of complementary and Kalman filter based data fusion for attitude heading reference system	Tariqul Islam, Md. Saiful Islam, Md. Shajid-Ul-Mahmud, and Md Hossam-E-Haider	AIP Conference Proceedings 1919, 020002 (2017); https://doi.org/10.1063/1.5018520
9.	Utilization of sonar technology and microcontroller towards reducing aviation hazards during ground handling of aircraft	Mosammat Samia Khanam, Debasish Biswas, Mohsina Rashid, and Md Abdus Salam	AIP Conference Proceedings 1919, 020047 (2017); https://doi.org/10.1063/1.5018565
10.	Comparative Study of Aircraft Approach and Landing Performance Using ILS, MLS and GLS	Mohsina Rashid, Mahbuba Ferdous, Mst. Mowsumie Akhter China and Mohammed Hossam-E Haider	AIP Conference Proceedings 1919, 020006 (2017); https://doi.org/10.1063/1.5018524

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11.	Performance Analysis of Wireless Channel Models by Evaluating BER for Different Modulation Schemes	Mst. Mowsumie Akhter China, Mohsina Rashid, Mahbuba Ferdous and Mohammed Hossam-E Haider	International Conference on Mechanical Engineering and Applied Science (ICMEAS), 22-23 February 2017, MIST, Dhaka, Bangladesh
12.	Comparison of Complimentary and Kalman Filter Based Data Fusion for Attitude Heading Reference System	Tariqul Islam, Md. Saiful Islam, Md. Shajid-Ul-Mahmu and Md Hossam-E-Haider	International Conference on Mechanical Engineering and Applied Science (ICMEAS), 22-23 February 2017, MIST, Dhaka, Bangladesh
13.	The Application of Ceramic Matrix Composite Augmenting the Performance of Aero Engines- A Literature Review	Farjana Yeasmin, Mosarruf Hossain, Kamruzzaman Hridoy and Md Tanzimul Hasan	International Conference on Mechanical Engineering and Applied Science (ICMEAS), 22-23 February 2017, MIST, Dhaka, Bangladesh
14.	Design Point Optimization of a Ground Attack Bomber	Motiur Rahman, Md. Shariar Imroze Khan and Mohammad Sadman Sakib	International Conference on Mechanical Engineering and Applied Science (ICMEAS), 22-23 February 2017, MIST, Dhaka, Bangladesh
15.	Comparative Study of Aircraft Approach and Landing Performance Using ILS, MLS and GLS	Mohsina Rashid, Mahbuba Ferdous, Mst Mowsumie Akhter China and Mohammed Hossam-E-Haider	International Conference on Mechanical Engineering and Applied Science (ICMEAS), 22-23 February 2017, MIST, Dhaka, Bangladesh

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16.	Performance Analysis of Wireless Channel Models by Evaluating BER of Different Modulation Schemes	Mst .Mowsumie Akhter China, Mohsina Rashid, Mahbuba Ferdous and Mohammed Hossam-E Haider.	International Conference on Mechanical Engineering and Applied Science (ICMEAS), 22-23 February 2017, MIST, Dhaka, Bangladesh
17.	Aerodynamic Characteristics of NACA-2412 Airfoil Section with Upward and Downward Deflection of Flap	Naumi Noshin Chowdhury, Nanzeeba Tabassum and Md Tanzimul Hasan Farabi.	International Conference on Mechanical Engineering and Applied Science (ICMEAS), 22-23 February 2017, MIST, Dhaka, Bangladesh
18.	An Optimized Design Point Estimation of “Tactical Bomber” Aircraft	Md.Shafiul Islam Bijoy, Md.Saiful Islam, Md.Shajid-UI - Mahmud and Md .Abdus Salam.	International Conference on Mechanical Engineering and Applied Science (ICMEAS), 22-23 February 2017, MIST, Dhaka, Bangladesh
19.	Roundness and taper of hole during drilling composites of various thickness by HSS drill bit under dry condition	Mahbuba Ferdous, Motiur Rahman, Santanu Mallik, Mohammad Sadman Sakib and Nikhil Ranjan Dhar.	International Conference on Mechanical Engineering and Applied Science (ICMEAS), 22-23 February 2017, MIST, Dhaka, Bangladesh
20.	Voice Command Based PC Application for Micro controller	Md.Saiful Islam, Md.Shajid-UI - Mahmud and Md.Shafiul Islam Bijoy.	International Conference on Mechanical Engineering and Applied Science (ICMEAS), 22-23 February 2017, MIST, Dhaka, Bangladesh
21.	Design of Miniature Type Parallel Coupled Microstrip Hairpin Filter in UHF Range	Adib Hasan, Tarikur Rahman, Azizul Kahhar and Tasnim Trina.	International Conference on Mechanical Engineering and Applied Science (ICMEAS), 22-23 February 2017, MIST, Dhaka, Bangladesh

22.	Remote Joule Heating characteristic of Carbon Nano Tube)CNT : (A new approach in aircraft electro -thermal anti -icing system	Mahbuba Ferdous, Mohammad Abu Nayem, Abul Kalam Azad and Tanvir Hassan	International Conference on Mechanical Engineering and Applied Science (ICMEAS), 22-23 February 2017, MIST, Dhaka, Bangladesh
23.	Analysis of Shape Memory Polymer and Scope for Application in Morphing Wing Aircraft	Md. Abdus Salam, Tanzimul Farabi, Sajid Nakvee and Rahul D. Nath	International Conference on Mechanical Engineering and Applied Science (ICMEAS), 22-23 February 2017, MIST, Dhaka, Bangladesh
24.	Comparative Study of Flow Analysis over a National Advisory Committee for Aeronautics (NACA) 0012 Airfoil among Different Computational Software	Md Aktharuzzaman, Md. Asif Iqbal, Md Shafiul Islam and Kh Md Faisal	International Conference on Mechanical Engineering and Applied Science (ICMEAS), 22-23 February 2017, MIST, Dhaka, Bangladesh
25.	Construction of a closed loop wind tunnel and measurement of drag of various geometric models.	Abdus Samad Shohan, Emon Majumder Majumder and Professor Dr M A Taher Ali	International Conference on Mechanical Engineering and Applied Science (ICMEAS), 22-23 February 2017, MIST, Dhaka, Bangladesh
26.	An Arduino Microcontroller Based Digitalization of a Vertical Traversing Mechanism Used for The Analysis of Jet Flows	S.M.Rakibur Rahman, S. M Al Mamun Or Roshid and Ishtiaque Ahmed Nishan	International Conference on Mechanical Engineering and Applied Science (ICMEAS), 22-23 February 2017, MIST, Dhaka, Bangladesh

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27.	Design of a Multiple Payload Release Mechanism for Unmanned Aerial Vehicles	Tonmoy Sarker, Md Golam Sarwar, Shahidul Alam Shahed and Hridoy Biswas	International Conference on Mechanical Engineering and Applied Science (ICMEAS), 22-23 February 2017, MIST, Dhaka, Bangladesh
28.	Determination of Tail Design Parameters for Analyzing Stability of a Medium Range Jetliner : A Systems Engineering Approach	S.M.Rakibur Rahman, Md.Golam Sarwar and Ishtiaque Ahmed Nishan	International Conference on Mechanical Engineering and Applied Science (ICMEAS), 22-23 February 2017, MIST, Dhaka, Bangladesh
29.	Design and Construction of A 914 MHz Monopole Blade Antenna	Nazmus Saaquib, Tonmoy Sarker, Naimur Rahman and Pran Kanai Saha	International Conference on Mechanical Engineering and Applied Science (ICMEAS), 22-23 February 2017, MIST, Dhaka, Bangladesh
30.	Design and Simulation of A Micro Strip Antenna For Wearable Devices	Nazmus Saaquib, Tonmoy Sarker and Naimur Rahman	International Conference on Mechanical Engineering and Applied Science (ICMEAS), 22-23 February 2017, MIST, Dhaka, Bangladesh
31.	Development of an Experimental Setup for Analyzing the Influence of Magnus Effect on the Performance of Airfoil	Md. Samad Sarker, Wasiul Safa, Nahreen Sharah, Md Akhtaruzzaman, Md. Abdus Salam and Kh. Md. Faisal	International Conference on Mechanical Engineering and Applied Science (ICMEAS), 22-23 February 2017, MIST, Dhaka, Bangladesh

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32.	Detail Design of Empennage of an Unmanned Aerial Vehicle	Md. Samad Sarker, Shoyon Panday, Md Rasel, Md. Abdus Salam, Kh. Md. Faisal and Tanzimul Hasan Farabi	International Conference on Mechanical Engineering and Applied Science (ICMEAS), 22-23 February 2017, MIST, Dhaka, Bangladesh
33.	Design of improved navigation for automobile parking system	Kumar Saikat Halder, Al Mahmud and Mofazzol Hasan	International Conference on Mechanical Engineering and Applied Science (ICMEAS), 22-23 February 2017, MIST, Dhaka, Bangladesh
34.	Conceptual Design of improved remote navigation for Drones	Kumar Saikat Halder, Mofazzol Hasan and Al Mahmud	International Conference on Mechanical Engineering and Applied Science (ICMEAS), 22-23 February 2017, MIST, Dhaka, Bangladesh
35.	Optimization of Head up display System in automobiles for navigation	Kumar Saikat Halder, Mofazzol Hasan and Al Mahmud	International Conference on Mechanical Engineering and Applied Science (ICMEAS), 22-23 February 2017, MIST, Dhaka, Bangladesh
36.	Design of improved algorithm for automated production system	Al Mahmud and Kumar Saikat Halder	International Conference on Mechanical Engineering and Applied Science (ICMEAS), 22-23 February 2017, MIST, Dhaka, Bangladesh
37.	Design of flight management system of improved efficiency	Al Mahmud and Kumar Saikat Halder	International Conference on Mechanical Engineering and Applied Science (ICMEAS), 22-23 February 2017, MIST, Dhaka, Bangladesh

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38.	Design of image processing based navigation system for automated car for improving reliability	Al Mahmud, Kumar Saikat Halder and Nazmus Saaquib	International Conference on Mechanical Engineering and Applied Science (ICMEAS), 22-23 February 2017, MIST, Dhaka, Bangladesh
39.	Introduction of an alternative system for home automation to improve efficiency	Al Mahmud, Kumar Saikat Halder and Nazmus Saaquib	International Conference on Mechanical Engineering and Applied Science (ICMEAS), 22-23 February 2017, MIST, Dhaka, Bangladesh
40.	Design of multifunction display for training and demonstration purpose	Al Mahmud, Kumar Saikat Halder and Mofazzal Hossain	International Conference on Mechanical Engineering and Applied Science (ICMEAS), 22-23 February 2017, MIST, Dhaka, Bangladesh
41.	Study of flow characteristics over and behind naca0012 airfoil	Mahfuja -A-Khuda, Sadia Islam, Nusrat Jahan and M. A. Taher Ali	International Conference on Mechanical Engineering and Applied Science (ICMEAS), 22-23 February 2017, MIST, Dhaka, Bangladesh
42.	Study of the nature of variation of velocity behind bodies of different shapes	Mahfuja -A-Khuda, Sadia Islam, Nusrat Jahan and M. A. Taher Ali	International Conference on Mechanical Engineering and Applied Science (ICMEAS), 22-23 February 2017, MIST, Dhaka, Bangladesh
43.	Experimental Study of The Mean Flow Characteristics of Swirling Jet	S.M.Rakibur Rahman, S. M Al Mamun Or Roshid, Ishtiaque Ahmed Nishan and M.A. Taher Ali	International Conference on Mechanical Engineering and Applied Science (ICMEAS), 22-23 February 2017, MIST, Dhaka, Bangladesh

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44.	The design of a subsonic closed loop wind tunnel	Mir Md. Nasim Hossain, Rushda Rahman, Mahmud Hasan Anik and M.A. Taher Ali	International Conference on Mechanical Engineering and Applied Science (ICMEAS), 22-23 February 2017, MIST, Dhaka, Bangladesh
45.	Design and construction of a free jet nozzle setup	S.M Al Mamun Or Roshid, S.M.Rakibur Rahman and Ishtiaque Ahmed Nishan	International Conference on Mechanical Engineering and Applied Science (ICMEAS), 22-23 February 2017, MIST, Dhaka, Bangladesh
46.	Determination of coefficient of discharge of nozzle plates	Masum Bellah, Md .Arifuzzaman, Muztahid Muhammad, Md.Saiful Islam and M.A .Taher Ali.	International Conference on Mechanical Engineering and Applied Science (ICMEAS), 22-23 February 2017, MIST, Dhaka, Bangladesh
47.	Utilization of sonar technology and microcontroller towards reducing aviation hazards during ground handling of aircraft	Mosammat Samia Khanam, Debasish Biswas, Mohsina Rashid and Abdus Salam	International Conference on Mechanical Engineering and Applied Science (ICMEAS), 22-23 February 2017, MIST, Dhaka, Bangladesh