

**Office of the Dean**  
**FACULTY OF ENGINEERING & TECHNOLOGY**  
**Jamia Millia Islamia, New Delhi-110025**

December 11, 2017

**ADMISSION NOTICE**  
**Ph.D. ADMISSIONS-2017, DEPT. OF MECHANICAL ENGINEERING**

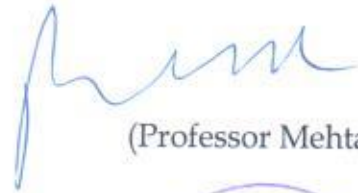
Enclosed herewith is the list of candidates provisionally selected for admission to Ph.D. Program in the **Department of Mechanical Engineering**. Selected candidates are required to report in the Office of the Dean, Faculty of Engineering & Technology, on December 15, 2017 during working hours for verification/submission of their documents and also to collect the Offer Letters for admission. **Candidates are required to bring the following documents (in original) along with a set of self-attested photocopy of each of the documents:**

- Admit card
- Admission Form
- Five copies of the recent passport size photograph
- All degrees, certificates, mark-sheets (from class X<sup>th</sup> onwards)
- Proof of age based on the high school/secondary school examination
- Character Certificate
- Migration Certificate (in original) must be provided within one month of the date of completion of admission, failing which admission is liable to be cancelled.
- A Consent Letter from the Co-Supervisor(s) specifying his/her field of specialization with full correspondence address.
- Proof of Mailing/Permanent Address as filled in the application form: (Any one of the following: Passport, Aadhar Card, Driving License, Voter ID Card, Bank Passbook, Electricity Bill, Telephone (Landline) Bill, Water Charges Bill, Certificate issued by Gram Pradhan, Certificate issued by Municipal Corporation.)
- Certificate from an MBBS doctor or government hospital certifying blood group.
- All Experience Certificates, if any
- No Objection Certificate (NOC) from the current employer, if the candidate is employed.
- If the candidate is unemployed, an Undertaking on Non-Judicial Stamp Paper of Rs. 10/- duly attested by Notary Public or Oath Commissioner.
- Muslim OBC/ST candidates will be required to submit the respective category certificate issued by the competent authority.
- In addition to this, Muslim OBC/ST candidates will be required to submit the certificate of not belonging to creamy layer, and an Affidavit declaring the same
- For candidates who have applied in PWD category, certificate for disability is required from a government certified authority.





- Candidates seeking admission under 'Kashmiri migrant' category will be required to submit a certificate in support of their claim of being Kashmiri migrant obtained from the registered divisional commissioner of the concern state/ union territory.
- Candidates seeking admission under 'Candidates from Jammu & Kashmir' Category will be required to submit a state domicile certificate in support of their claim of being from J&K.
- In case an Intervening/Gap period is involved, the candidate has to submit a certificate/affidavit from Class I gazetted officer/Notary Public for the entire intervening/gap period showing year-wise pre occupation and non-indulgence in any criminal activities after leaving the institution last attended.
- Affidavit for not indulging in ragging activity as per prescribed performa from candidate and guardian, issued by Oath Commissioner or First Class Magistrate.



(Professor Mehtab Alam)  
Dean



# JAMIA MILLIA ISLAMIA

(A Central University by an Act of Parliament)

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**Department of Mechanical Engineering**  
**Faculty of Engineering and Technology**

29<sup>th</sup> November, 2017

## List of the Provisionally Selected Candidates for admission in Ph.D., Department of Mechanical Engineering.

Departmental Research Committee (DRC) recommended the following candidates for admission in Ph.D. (Mech. Engg.) session 2017-18.

S.N O	Reg. No	Roll No.	Name of Candidate	Broad Area/Tentative Topic	Name of the Supervisor	Name of the Co-Supervisor
1	JMI00146104	R4539003	SYED SAUD ABIDI	AN INVESTIGATION ON MACHINING & FINISHING OF AISI 50100 HARDENED ALLOY STEEL	PROF. A.N. SIDDIQUEE	PROF. Z.A. KHAN
2	JMI00146155	R4539006	SANDEEP KUMAR VASHISHT	STUDY & ANALYSIS OF BARRIERS & SUCCESS FACTORS OF BUSINESS PROCESS RE-ENGINEERING IN THE CONTEXT OF INDIAN MANUFACTURING ORGANIZATIONS	PROF Z.A. KHAN	DR. RAJESH KUMAR ATTRI YMCS, FARIDABAD
3	JMI00151178	R4539007	ABDUL KHALIQ ANSARI	RELIABILITY ANALYSIS OF SMART MATERIALS	DR. MOHAMMA D ASJAD	Dr. M. YAQOOB YASIN, AMU
4	JMI00151228	R4539008	NAJEEEB ULLAH KHAN	AN EXPERIMENTAL INVESTIGATION OF HEAT TRANSFER IN MICROCHANNEL HEAT SINK	PROF M.M. HASAN	
5	JMI00146343	R4539014	MOHD SHAHID	OPTIMIZATION OF BUILDING ENERGY PERFORMANCE	PROF M.N. KARIMI	
6	JMI00151359	R4539015	JAVED KALEEM	VIBRATION EXPOSURE FOR THE IMPROVEMENT IN DIABETIC PATIENTS	PROF. Z. MALLICK	PROF ABID ALI KHAN, AMU

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7	JMI00151384	R4539016	S.M. MAHMOOD	UTILIZATION OF POTENTIAL OF SOLAR ENERGY IN DIFFERENT THERMAL SYSTEMS	PROF. MOHD EMRAN KHAN	
8	JMI00147443	R4539017	ROHIT SINGH	A PROBABILISTIC ANALYSIS OF MECHANICAL SYSTEMS	DR. MOHD ASJAD	DR. A.F. SHERWANI
9	JMI00150508	R4539018	MOHD ZAID	NUMERICAL INVESTIGATION OF TWO DIMENSIONAL MIXED CONVECTIVE FLOW PAST TWO CIRCULAR CYLINDERS	DR. A.F. SHERWANI	
10	JMI00148671	R4539020	MOHD SHOEB	ADDITIVE MANUFACTURING	PROF. AAS MOHD.	PROF. ABID HALEEM
11	JMI00147712	R4539022	FIROZ KHAN	AERODYNAMICS OF COMBUSTOR/DIFFUSER FLOW ANALYSIS USING CFD	PROF ABDUR RAHIM	
12	JMI00147757	R4539023	SALMA KHATOON	COMPARISON OF FOURTH GENERATION REFRIGERANTS HFO1234YF & HFO1234ZE BY SECOND LAW EFFICIENCY & ENERGY DESTRUCTION ANALYSIS FOR AUTOMOBILE SECTOR	PROF. M.N. KARIMI	
13	JMI00150794	R4539024	SHAIENDRA KUMAR NEERAJ	COMPARATIVE ANALYSIS OF MICROCHANNEL HEAT EXCHANGER	DR. ISLAM NAWAZ	PROF MOHD ISLAM
14	JMI00146845	R4539025	SAZAAD HASAN	PREDICTION OF ENERGY SAVING IN SOLAR THERMAL HYBRID VRF SYSTEM	PROF. MOHD EMRAN KHAN	
15	JMI00145857	R4539026	NAVNEET KUMAR SUMAN	DEVELOPMENT OF TEST CRYOSTAT FOR SUPERCONDUCTING MAGNET	PROF. A.N. SIDDIQUEE	DR. SOUMEN KAR IUAC, NEW DELHI

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16	JMI00145884	R4539028	ASIF IQBAL	AN INVESTIGATION ON FRICTION STIR WELDING OF THICK PLATES OF ALUMINIUM ALLOYS	PROF. A.N. SIDDIQUEE	PROF. Z.A. KHAN
17	JMI00146919	R4539029	SHANAYRAB	INDIGENOUS DESIGN & DEVELOPMENT OF PRESSURE CALIBRATOR	DR. ABID HALEEM	
18	JMI00145941	R4539031	SHAIENDRA KUMAR	SOME STUDIES ON INDUSTRIAL AUTOMATION	PROF MOHD SUHAIB	
19	JMI00145970	R4539032	ANIL KUMAR	EXPERIMENTAL INVESTIGATION OF FLUID FLOW & HEAT TRANSFER THROUGH HEAT EXCHANGER IN REFRIGERATION SYSTEM	PROF. M.N. KARIMI	
20	JMI00145987	R4539033	SAMEERA MUFAZZAL	SOME STUDIES ON FAULT DETECTION IN ENGINEERING SYSTEMS	PROF. S.M. MUZAKKIR	
21	JMI00145308	R4539035	ABDUL QADEER	MODELLING OF SOLAR RADIATION & ITS UTILIZATION IN SPACE CONDITIONING	PROF. MOHD EMRAN KHAN	

#### Foreign national Candidate

S.No	Name of the Applicant	Nationality	Topic	Name of the Supervisor
1	Mr. Wahj Ahmed Mohammed Mari	Yemeni	Landfill Gas Emission Modeling Studies	Prof. M. Emran Khan



(Prof. M.M.Hasan)  
Convener, DRC



(Prof. M.N. Doja)  
Vice Chancellor's Nominee



(Prof. J. A. Usmani)  
Head and Chairman DRC

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