



SHRI MATA VAISHNO DEVI UNIVERSITY

SCHOOL OF MECHANICAL ENGINEERING

Kakryal, Katra -182320, J&K (INDIA)

(Recognized under section 12(B) & 2(f) of UGC Act, 1956)

No: SMVDU/SME/17/ 4562

Date 15.12.2017

Shortlisting of Candidate for Ph.D. Admission Test in on 19 Dec 2017

1. With reference to application form submitted for Ph.D. admission in School of Mechanical Engineer for Even Semester Dec. 2017, it is hereby to notify that following two candidates are shortlisted for admission process (written test and presentation cum viva) scheduled on 19 Dec. 2017 in School of Mechanical Engineering.

Sr. No.	Name	Parentage	M.Tech. (%)	University	GATE/Non-GATE
1	Mr. Fayaz Ahmad Mir	Gh. Hassan Mir	88%	Al-Falah University, Haryana	Non-GATE
2	Mr. Pawandeep Singh	Mr. Paramjeet Singh	8.39(CGPA)	I.K.Gujral, Punjab Technical University	Non-GATE

2. Students are to be present at 10:00AM in School of Mechanical Engineering for written test (Non-GATE candidates only). After passing of written test successfully, they have to give a short presentation on your probable Ph.D. topic, its importance in current scenario and past work in front of Ph.D. Admission Committee. Also bring your all original supporting documents with respect to your M. Tech. and B. Tech. qualification.
3. For written test, objective types of question papers from Research Methodology and Mechanical Engineering will be asked to understand the basic knowledge of mentioned subjects. The syllabus of these subjects is as follows:

Research Methodologies: Research methodologies: Study population; Variables; Sampling; Sample size determination; Plan for data collection; Methods of data collection; Plan for data processing and analysis; Quantitative Methods: a) Statistics: Probability & Sampling distribution; Estimation, Hypothesis testing & application; Correlation & regression analysis. b) Types of study designs/ Experiment design – Orthogonal array, ANOVA, interaction, Signal-to Noise ratio, replication.

Mechanical Engineering: Manufacturing processes, advanced machining processes, Material science, Metrology, CAD/CAM, Computer Integrated Manufacturing System, Thermodynamics, Fluid Mechanics & Hydraulics Machines, Strength of materials, Machine Design, and Dynamics of Machine.



(Dr. Balbir Singh)
Chairman, Ph.D. Adm.