



DEPARTMENT OF MECHANICAL ENGINEERING

University of Engineering & Technology, Lahore – 54890, PAKISTAN

RESULT OF Ph.D. THESIS EVALUATION

DEPARTMENT	Mechanical Engineering Department
Name of Candidate	Syed Asad Raza Gardezi
Registration Number	2011-PhD-Mech-01
Date of Ph.D. Registration	04-01-2014
Whether Full Time or Part Time Student	Full Time
Date of Approval of Topic	08-02-2018
Topic of Ph.D. Research	Critical Analyses of Cracks Due to Forced Vibration in Cylindrical Pipe Structures
Date of Approval of Internal and External Examiner	08-01-2019
Name & Designation of Research Supervisor/Internal Examiner	Prof. Dr. Nasir Hayat Mechanical Engineering Department, UET – Lahore
Name, Academic Qualifications & Designation of External Examiners	1. Dr. Saleem Iqbal Alvi, Professor, Leads University, Lahore. 2. Dr. Arshad Hussain Qureshi, Professor, IQTM, University of Punjab, Lahore.

RESULT OF THESIS EVALUATION

We have jointly examined today **Friday, November 08, 2019** the candidate through viva-voce examination and evaluated thesis submitted by him. We jointly agree on the result of the thesis examination and evaluation as follows:

Report on Oral Examination:

RECOMMENDATION: (Please tick as appropriate and add comments if thought fit)

- 1. Award (No corrections needed)
- 2. Award & permit minor corrections*
- 3. Award but insist on minor corrections*
- 4. Reject (with no recommendation as to re-submission)
- 5. Reject but permit submission of revised thesis
 - a. With/without further oral examination
 - b. After further research as indicated

* As listed or indication on separated sheet attached

Signature of Internal Examiner

(Prof. Dr. Nasir Hayat)

Signature of External Examiner

(Prof. Dr. Saleem Iqbal Alvi)

Signature of External Examiner

(Prof. Dr. Arshad Hussain Qureshi)

Endst. No. Univ/ _____

Dated: _____

The Director Research is requested to kindly forward the result as well as a copy of the thesis to the Controller of Examination for the result of the aforementioned candidate. FOUR copies of the thesis are sent herewith for distribution to the following:

1. Controller of Examinations
2. Higher Education Commission
3. Directorate of Research
4. National Library of Engineering Science

One copy of the thesis has been retained for the Library of the Department.

Chairman
Department of Mechanical Engineering

Dean
Faculty of Mechanical Engineering

Budget Head: _____

Month: _____

Voucher No: _____

Bill of the Laboratory Assistant for the practical Examination

Year: 2019

The Bill Form is to be filled up, and signed by the Practical Examiners of the Practical Examination according to the instructions on reverse and is to be countersigned by the Officer Incharge of the Laboratory.

Name of Examination: Ph.D. Thesis Evaluation	Research Topic: Critical Analyses of Cracks Due to Forced Vibration in Cylindrical Pipe Structures
Student Name: Syed Asad Raza Gardezi	Registration Number: 2011-PhD-Mech-01
Date of Examination: November 08, 2019	Center: -PostgraduateOffice

No. of Candidates	Amount due	Remarks
One	Rs. 300/-	

01 Candidate Examined by us

Practical Examiners (External)

Dr. Saleem Iqbal Alvi, Professor,
Leads University, Lahore.

Dr. Arshad Hussain Qureshi, Professor,
IQTM, University of Punjab, Lahore.

01 Candidate Examined by me

Practical Examiner (Internal)

Prof. Dr. Nasir Hayat
Department of Mechanical Engineering
UET – Lahore

For University office only

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made to

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Shafqat Jamil (Lab. Supervisor)

Suptd. Accounts: _____

Cheque No: _____

A/Cs Officer: _____



DEPARTMENT OF MECHANICAL ENGINEERING

University of Engineering & Technology, Lahore - 54890, PAKISTAN

Ph :042-99029467

Attendance sheet for Project Viva-Voce Examination

Ph.D. Thesis Evaluation

Project Title: - **Critical Analyses of Cracks Due to Forced Vibration in Cylindrical Pipe Structures**

Dated: - **November 08, 2019**

S. No.	Registration No.	Name	Signature
1.	2011-PhD-Mech-01	Syed Asad Raza Gardezi	

Signature Internal Examiner _____

(Prof. Dr. Nasir Hayat)

Signature External Examiner _____

(Prof. Dr. Saleem Iqbal Alvi)

Signature External Examiner _____

(Prof. Dr. Arshad Hussain Qureshi)

CERTIFICATE OF APPROVAL

This is to certify that the research work presented in this thesis entitled **Critical Analyses of Cracks Due to Forced Vibration in Cylindrical Pipe Structures** was conducted by **Syed Asad Raza Gardezi** under the supervision of **Prof. Dr. Nasir Hayat** No part of the thesis has been submitted anywhere else for any other degree, this thesis is submitted to the **Department of Mechanical Engineering** in partial fulfillment of the requirements for the degree of Doctor of Philosophy in field of **Mechanical Engineering, Department of Mechanical Engineering, University of Engineering & Technology, Lahore.**

Student Name:

Syed Asad Raza Gardezi

Signature: _____

Examination Committee:

External Examiner 1:

Prof. Dr. Saleem Iqbal Alvi
Leads University – Lahore.

Signature: _____

External Examiner 2:

Prof. Dr. Arshad Hussain Qureshi
University of Punjab – Lahore

Signature: _____

Internal Examiner:

Prof. Dr. Nasir Hayat
Mechanical Engineering Department
UET – Lahore

Signature: _____

Supervisor Name:

Prof. Dr. Nasir Hayat

Signature: _____

Name of Chairman:

Prof. Dr. Nasir Hayat

Signature: _____

Name of Dean:

Dr. Tahir Izhar

Signature: _____

Author's Declaration

I **Syed Asad Raza Gardezi** hereby state that my PhD thesis titled **Critical Analyses of Cracks Due to Forced Vibration in Cylindrical Pipe Structures** is my own work and has not been submitted previously by me for taking any degree from the **University of Engineering and Technology, Lahore** or anywhere else in the country/world.

At any time if my statement is found to be incorrect even after I graduate, the university has the right to withdraw my PhD degree.

Signature: _____
Name of Student: **Syed Asad Raza Gardezi**
Registration No: **2011-PhD-Mech-01**
Date: **November 08, 2019**

UNDERTAKING

I solemnly declare that research work presented in the thesis titled “**Critical Analyses of Cracks Due to Forced Vibration in Cylindrical Pipe Structures**” is solely my research work with no significant contribution from any other person. Small contribution/help wherever taken has been duly acknowledged and that complete thesis has been written by me.

I understand the zero tolerance policy of the HEC and University of Engineering & Technology, Lahore towards plagiarism. Therefore, I as an author of the above, titled thesis declare that no portion of my thesis has been plagiarized and any material used as reference is properly referred/cited.

I undertake that if I am found guilty of any formal plagiarism in the above titled thesis even after award of PhD degree, the University reserves the rights to withdraw/revoke my PhD degree and that HEC and the University has the right to publish my name on the HEC/University Website on which names of students are placed who submitted plagiarized thesis.

Student /Author Signature: _____

Student /Author Name: **Syed Asad Raza Gardezi**

Registration No: **2011-PhD-Mech-01**



DEPARTMENT OF MECHANICAL ENGINEERING

University of Engineering & Technology, Lahore - 54890, PAKISTAN

Ph :042-99029467

No. MED/_____

Dated: _____

NOTICE

Ph.D. thesis oral defense/viva-voce examination of **Syed Asad Raza Gardezi**, Registration Number **2011-PhD-Mech-01** will be held on **Friday, November 08, 2019** at 02:30 PM in the Department of Mechanical Engineering. The External Examiners have agreed to give the viva-voce examination. His thesis topic is:

“Critical Analyses of Cracks Due to Forced Vibration in Cylindrical Pipe Structures”

TA/DA to external examiners will be paid as per university rules.

CHAIRMAN

Department of Mechanical Engineering

Copy to :-

1. Prof. Dr. Nasir Hayat, Mechanical Engg. Deptt, UET – Lahore. (Internal Examiner)
2. Prof. Dr. Saleem Iqbal Alvi, Leads University, Lahore. (External Examiner)
3. Prof. Dr. Arshad Hussain Qureshi, University of Punjab, Lahore. (External Examiner)
4. Controller of Examination, UET, Lahore.
5. Dean, Faculty of Mechanical Engineering, UET, Lahore.
6. Director, ORIC, UET, Lahore.
7. Secretary to VC
8. Treasure, UET, Lahore.
9. Student Concern