

**PhD STUDENTS**  
**Joining Instructions SMME – NUST 2024**



School of Mechanical and Manufacturing Engineering (SMME)  
National University of Sciences and Technology (NUST)  
H-12, Islamabad. Phone No. 051-09085-6023, 6005  
Website: [www.smme.nust.edu.pk](http://www.smme.nust.edu.pk)



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## 1. Introduction

Faculty and Staff of NUST School of Mechanical and Manufacturing Engineering welcome you at National University of Sciences and Technology (NUST). Located at H-12 sector, Islamabad; ( [https://nust.edu.pk/wp-content/uploads/2022/08/Guide\\_MAP.pdf](https://nust.edu.pk/wp-content/uploads/2022/08/Guide_MAP.pdf) ) we take pride in owning a serene & tranquil campus with top-of-the-line faculty and state of the art laboratories. We aim at preparing technically capable human resource with essential skills in the following disciplines: -

### **Undergraduate Programs**

- Mechanical Engineering
- Aerospace Engineering

### **Postgraduate Programs**

- Mechanical Engineering
- Design and Manufacturing Engineering
- Robotics & Artificial Intelligence Engineering
- Biomedical Engineering
- Biomedical Sciences

The school is committed to contributing towards the improvement of prevailing educational standards and the promotion of research culture being cognizant of developing industry in Pakistan. In deciding to pursue your education at SMME, NUST, you have chosen to enter a distinguished institution with a proud and rich heritage of teaching, research and service to the industry & country at large. As a student you are the cornerstone of our School and our partner in advancing NUST's stature as a renowned & topmost research lead university of Pakistan. We hope that your stay at SMME shall be valuable and productive.

## 2. Reporting Day – Orientation/Registration

Department wise Orientation program will be conducted from 2<sup>nd</sup> – 6<sup>th</sup> Sep 2024 for all freshmen. Program will be uploaded separately on SMME website during last week of August 2024.

## 3. Schedule of Fall 2024/Classes

The regular classes (Fall Semester 2024) will commence after orientation, from 9<sup>th</sup> September 2024.

## 4. Qalam Student Manual

Qalam (<https://qalam.nust.edu.pk>) is used to direct all the academic activities including attendance, course registration, results and fee management. The student Odo/Qalam user

manual is available on SMME website <https://smme.nust.edu.pk/downloads/learning-management-system-lms/> with a link CMS Student Manual. All the students to ensure following: -

- a. Download the Qalam Student Manual and study before reporting.
- b. The password of Qalam login ID issued initially be changed immediately and should not be shared with anyone else. Username and password will be provided through email. In case of any problem, please contact on [cmscoord@smme.nust.edu.pk](mailto:cmscoord@smme.nust.edu.pk)

## **5. SMME Website**

It is in the interest of all students to immediately familiarize with all the relevant information and resources available at SMME website [www.smme.nust.edu.pk](http://www.smme.nust.edu.pk). Relevant information/ forms/ instructions are available at the download link <https://smme.nust.edu.pk/downloads/>

## **6. Student Email ID**

Every student will be issued an official Email ID for the official correspondence.

## **7. Opening of Bank Account**

It is mandatory for all students to open a bank account in any HBL Branch.

## **8. Academic Calendar**

Academic Calendar for Fall Semester 2024 is attached as **Anx-A**

## **9. Student Handbook**

For detailed instruction covering stay and academic activities, students are advised to study the NUST students' Handbook placed @ <https://nust.edu.pk/downloads/student-handbooks/>

The students will have to certify that they have gone through it thoroughly.

## **10. Identity Cards**

Upon arrival, the students will be allowed entry into NUST on production of original Admission Letter. Students will be issued temporary identity cards after registration on arrival in NUST. However, permanent NUST identity cards will be issued later. All students are expected to always wear the identity card while in NUST.

## **11. Hostel Accommodation**

New intake students who need availing NUST hostel accommodation are advised to visit and apply using their online admission login details through [pgadmission.nust.edu.pk](http://pgadmission.nust.edu.pk)

## **12. Transport Facility**

Pick and Drop Service is available for Day Scholars residing in twin Cities and adjoining areas. The transport service is provided by private vendor, through NUST. For which students can contact Baig Transport Services Concordia, II, First Floor, NUST H-12, Phone No. 03041110287/ 03088881052, For online registration please fill online form: <https://www.baigtransport.com/sakbcrp>

## **13. Discipline**

Political activities are strictly forbidden on NUST premises, and all students are required to give a written undertaking at the time of admission that they will refrain from politics during their stay at school. Rector NUST has full powers to terminate the registration of a student found involved in political activities. The following practices are strictly prohibited for SMME-NUST students: -

- a. Theft or damage to the property of school or of a member of school community or that of a visitor to school, or abetment to any of the above.
- b. Conduct that results in conviction for a crime or crimes in a court of competent jurisdiction may subject a student to disciplinary action including suspension or expulsion.
- c. Possession of firearms, explosives, dangerous chemicals or other weapons on SMME premises, or the display or use of the above to intimidate, frighten or control individuals.
- d. Engaging in conduct which obstructs or disrupts teaching, research, administration, disciplinary procedures, or other activities of the institute.
- e. Keeping pets/animals, cassette players etc. or possessing any morally/religiously objectionable printed material.
- f. Using/distributing/trading drugs, alcohol, narcotic materials and smoking on the Campus.

## **14. Attendance**

NUST expects students' attendance in the classes to be 100%, however, under extreme compassionate reasons / medical sickness of the students, acceptable to authority, 25% allowance may be granted. Hence, at least 75% attendance is mandatory for students to take End Semester Exam in given subjects. Students are required to be present in the

classroom as per the training program. Those who join late or leave the classroom without permission will be marked absent.

### **15. Academic Honesty**

SMME requires all students to adhere to high standards of integrity in their academic work. The school follows a zero-tolerance policy for activities such as plagiarism and cheating. Students found involved in such activities are subject to serious disciplinary action. This may include being awarded an “F” grade by the teacher, academic suspension or expulsion. The plagiarism policy is strictly followed to ensure academic integrity.

Plagiarism is defined as the use, whether by paraphrase or direct quotation, of the published or unpublished work of another without complete and clear acknowledgment. Cheating includes the giving or receiving of unauthorized assistance on quizzes, examinations or written assignments from any source not approved by the teacher. Examples of cheating include but are not limited to:-

- a. Submitting someone else’s work as one’s own with or without the permission of the individual concerned
- b. Allowing someone to copy one’s work
- c. Using a writing service or having someone else to write a paper for oneself
- d. Using someone else’s work without proper citation
- e. Submitting collaborative and/or group work as one’s own
- f. Stealing a test or question paper from a teacher or her/his office
- g. Taking a course and/or examination for another student
- h. Using unauthorized materials during a test or exam

### **16. Accuracy of University Records**

Students are expected to furnish accurate and complete information on all university forms and documents, including applications for admission and financial aid, references, local and home addresses and other types of records. Provision of inaccurate/concealment of information may lead to termination from the university. It is student’s responsibility to ensure subsequent updates on change of any information.

## 17. Important Contact Numbers

<b>Principal &amp; Dean</b>	Prof Dr Javaid Iqbal	051-90856001	principal@smme.nust.edu.pk
Deputy Controller Exam	Engr M Shoaib Ansari	051-90856005	dcexam@smme.nust.edu.pk
Senior Assistance Controller Exam	Mr Iftikhar Ahmed	051-9085-6006	acexam@smme.nust.edu.pk
Program Coordinator (PG)	Assoc Prof. Dr. Anwar Hussain	051-90856063	progcoordpg@smme.nust.edu.pk
<b>Head of Departments (HOD)</b>			
Design & Manufacturing Engineering	Prof. Dr. Shahid Ikramullah	051-90856025	hoddme@smme.nust.edu.pk
Mechanical Engineering	Assoc Prof. Dr. Mian Ashfaq Ali	051-90856040	hodmech@smme.nust.edu.pk
Robotics & Artificial Intelligence	Prof of Practice. Dr. Kunwar Faraz Ahmed Khan	051-90856080	hodrime@smme.nust.edu.pk
Biomedical Engineering & Sciences	Assoc Prof Dr. Muhammad Asim Waris	051-90856050	hodbmes@smme.nust.edu.pk
<b>PG Coordinators</b>			
Design & Manufacturing Engineering	Asst Prof. Dr. Salman Khan	051-90856047	pgcooordme@smme.nust.edu.pk
Mechanical Engineering	Asst Prof. Dr. Syed Maaz Hassan	051-90856041	pgcoordme@smme.nust.edu.pk
Robotics & Artificial Intelligence Engineering	Asst Prof. Dr Saqib Nazir	051-90856058	pgcoordrime@smme.nust.edu.pk
Biomedical Engineering & Sciences	Asst Prof. Dr. Aneeqa Noor	051-90856048	pgcoordbmes@smme.nust.edu.pk

## 18. Checklist - Documents to be Deposited on Reporting Day

**NOTE : STUDENTS WITHOUT REQUIRED DOCUMENTS OR ORIGINAL DEGREES / CERTIFICATES WILL NOT BE REGISTERED UNLESS THEY ARRANGE AND DEPOSIT THE ORIGINAL DOCUMENTS.**

Following documents will be collected by Exam Branch for registration: -

S/No	Academic Level	Documents	Nos	Remarks
(1)		NOC form the Service HQ (if Serving in the Armed Forces of Pakistan)	1 + 1	Original + Photocopy
(2)	Secondary	(a) Matric Result Card	1 + 1	Original + Photocopy
		(b) *Matric Certificate	1 + 1	Original + Photocopy
(3)	O Level	(a) O Level Certificate	1 + 1	Original + Photocopy
		(b) *O Level Equivalence Certificate	1 + 1	Original + Photocopy
(4)	Higher Secondary	(a) FSc Result Card	1 + 1	Original + Photocopy
		(b) * FSc Certificate	1 + 1	Original + Photocopy
(5)	A Level	(a) A Level Certificate	1 + 1	Original + Photocopy
		(b) *A Level Equivalence Certificate	1 + 1	Original + Photocopy
(6)	Bachelor	(a) *Bachelor Degree/ Provisional Certificate duly attested from HEC	1 + 1	Original + Photocopy
		(b) *Transcript duly attested from HEC (clearly mentioned CGPA and date of issue). Date of Degree completion/ award should be before 31 <sup>st</sup> Aug, 2023.	1 + 1	Original + Photocopy
(7)	MA/MSc	(a) Master Degree (16 years education) Provisional Certificate duly attested from HEC	1 + 1	Original + Photocopy
		(b) *Transcript duly attested from HEC	1 + 1	Original + Photocopy
(8)	MS/MPhil	(a) Master Degree (18 year education) Provisional Certificate duly attested from HEC	1 + 1	Original + Photocopy
(9)		(b) *Transcript duly attested from HEC	1 + 1	Original + Photocopy



(10)	Scholarship Award Letter duly issued by Sponsoring Agency (if applicable)	1 + 1	Original + Photocopy
(11)	Photocopy of CNIC	2	Photocopy
(12)	* Valid GAT (General), NTS score card or GRE (General) by ETS USA score or Graduate NUST entry Test (GNET) or HEC HAT (General) score card (as applicable/as per policy)	1	Photocopy
(13)	Passport Size Photograph	2	Blue background
(14)	1" x 1" inch Photograph	2	Blue background
(15)	Surety bond typed on a stamp paper of Rs.100/- duly attested by an Oath Commissioner (original).	1	Specimen attached as <b>Anx "B"</b>
(16)	Photocopy of medical fitness certificate deposited in NUST at the time of admission	1	Specimen attached as <b>Anx "C"</b>
(17)	Duly filled Registration Form (Original)	2	Specimen attached as <b>Anx "D"</b>
(18)	Admission confirmation letter	1	Original
(19)	Undertaking by the Student & Parent/Guardian about reading Student Handbook available on NUST website. <a href="https://nust.edu.pk/downloads/student-handbooks/">https://nust.edu.pk/downloads/student-handbooks/</a> Student to deposit undertaking available on the handbook.	1	Original
(20)	Undertaking Drug and Tobacco Awareness Certificate by the Student & Parent/Guardian available on NUST website. <a href="https://nust.edu.pk/downloads/student-handbooks/">https://nust.edu.pk/downloads/student-handbooks/</a> Student to deposit undertaking available on the handbook.	1	Original

**\*ESSENTIALS:**

- **WITHOUT "ESSENTIALS", STUDENTS SHALL NOT BE REGISTERED. FOR OTHER DOCUMENTS 10 X DAYS MAY BE GRANTED.**
- **AS PER THE INSTRUCTIONS OF HEC, THE UNIVERSITIES WILL ONLY ACCEPT AUTHENTICATED CERTIFICATES (SSC/HSSC/O & A LEVEL/EQUIVALENCE) ISSUED BY EDUCATION BOARD ACROSS THE COUNTRY DULY ATTESTED BY IBCC. IBCC WILL INCORPORATE A QR CODE ON VERIFIED DOCUMENTS WHICH WILL BE SCANNED BY THE UNIVERSITY TO AUTHENTICATE.**

**19. Conclusion**

School of Mechanical and Manufacturing Engineering (SMME) is a top-merit school of NUST. The school is committed to the academic excellence and development of faculties of its students, grooming personality by inculcating virtues in the students to transform them into good human beings and above all proud Pakistanis. Activities not confirming with the aims and objectives of the school cannot be tolerated. In discharging these sacred duties, the school looks forward to receive full co-operation from the parents/guardians as well as the students without which realizing the objectives is not possible.

**ACADEMIC SCHEDULE FALL 2024**

<b>Ser</b>	<b>Event</b>	<b>Dates</b>
1.	Fall Semester 2024 Starts	9 <sup>th</sup> September 2024
2.	End Semester Exam Fall 2024	6 <sup>th</sup> – 12 <sup>th</sup> January, 2025
3.	Semester Break	13 <sup>th</sup> January – 26 <sup>th</sup> January 2025
4.	Spring Semester 2025	27 <sup>th</sup> January, 2025

**SURETY BOND**

*(Worth Rs. 100/-)*

**(NUST STUDENTS)**

1. **KNOW ALL MEN BY THESE PRESENT THAT** I, Mr./  
 Ms. \_\_\_\_\_ (hereinafter  
 called the student), Mr./ Ms.  
 \_\_\_\_\_ (Suret  
 y No 1) and Mr./ Ms.  
 \_\_\_\_\_ (Surety No 2)

(hereinafter called the sureties) do hereby bind ourselves and each of us and heirs, executors and administration to abide by the terms and conditions of NUST after having been selected against open merit seat at NUST School of Mechanical & Manufacturing Engineering.

2. During studies, the student will abide by the school discipline and rules, regulations and standing orders/procedures concerned and pay all expenses in due time. Any violations of these will make the student liable to expulsion from the SMME, which shall be without right of appeal in any court of law. During studies, if student is expelled by the School on any ground, or deliberately fails and does not study, student will lose his seat in the School and will not be allowed to continue studies in any of the NUST institutions.

3. The student will abstain from any political activity during his/her tenure of studies at SMME. Student, if found guilty of an act which is forbidden by SMME-NUST authorities including cheating/drinking alcohol, etc, will be liable to expulsion from the SMME.

4. SMME-NUST authorities reserve the right to plan/issue extended schedule of classes/exams during any part of the day, on as required basis.

Signature of the Student: \_\_\_\_\_

**Surety No 1 (Father/Guardian)**

**Servant)**

Signature: \_\_\_\_\_  
 Name: \_\_\_\_\_  
 Son of: \_\_\_\_\_  
 CNIC No: \_\_\_\_\_  
 Designation/Status: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 Cell No: \_\_\_\_\_  
 Landline No: \_\_\_\_\_

**Surety No 2 (Any Class 1 Govt**

Signature: \_\_\_\_\_  
 Name: \_\_\_\_\_  
 Son of: \_\_\_\_\_  
 CNIC No: \_\_\_\_\_  
 Designation/Status: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 Cell No: \_\_\_\_\_  
 Landline No: \_\_\_\_\_

***Note: This bond will be typed on STAMP PAPER worth Rs. 100/- and will invariably be attested by Oath Commissioner/Notary Public.***

**Medical Fitness Certificate**

Roll No/Registration No: -----

Name: -----

Father's Name: -----

Gender: -----

Age: -----

(Photograph)

1. Weight: ----- (kg) Height ----- (cm) BP -----

2. Blood group: -----

3. Lungs: -----

4. Heart: -----

5. Vision: Left Eye ----- Right Eye ----- Details of Glasses (if worn): -----

6. Hearing: -----

7. Any Impediment in Speech: -----

8. Any Disability: -----

9. Any Neurological / Psychiatric disease, (if yes, please give details). -----

10. Suffering from Hepatitis B / Hepatitis C / HIV (AIDS) -----

11. Any significant Disease Diagnosed in the past: -----

12. Vaccinated (Yes/No/Partially). -----

13. Taking any medicine on regular basis (if yes, please give details). -----

14. Allergies if any: -----

15. Any Communicable / Contagious Disease: -----

16. Mark of Identification: -----

**CERTIFICATE BY THE DOCTOR**

I certify that I have examined Mr / Ms ----- Son /  
 Daughter of ----- who is an applicant for admission to  
 Undergraduate/ Postgraduate Program at NUST and could not notice that he / she has any  
 physical or mental disease and is FIT for undertaking studies.

Signature of Doctor with legible seal (Office stamp)	Signature of Candidate (In presence of Doctor)
PM & DC No:	
Dated:	Dated:

**Note for Candidate:** Please present your medical fitness certificate at the concerned NUST College/School at the time of joining.

**MEDICAL STANDARDS FOR ADMISSION**

Study at NUST demands good physique and stamina. An applicant must have sound health so as to bear the strain of the Course.



# National University of Sciences & Technology

## Registration Form PhD

Latest  
Photograph

Registration No: \_\_\_\_\_

Roll No. \_\_\_\_\_ Merit Position \_\_\_\_\_ GAT Marks \_\_\_\_\_ Year 20 \_\_\_\_\_

Programme: \_\_\_\_\_ School/College: \_\_\_\_\_ Course Serial No: \_\_\_\_\_

Course Commencement Date: \_\_\_\_\_ Student's Category: \_\_\_\_\_

1. Name

(Write the name as per Matric/Equivalent certificate in hand print in CAPITAL letters)

2. Father's Name

3. Mather's Name

4. Father's Profession \_\_\_\_\_ 5. Father's Monthly Income \_\_\_\_\_

6. Date of Birth: Day   Month   Year     7. Gender: Male  Female

8. CNIC No or Registration No of Form 'B'

9. Province of Domicile \_\_\_\_\_ 10. Religion \_\_\_\_\_ 11. Nationality \_\_\_\_\_

12. Next of Kin (Name) \_\_\_\_\_ Mobile \_\_\_\_\_

13. Do you belong to rural areas of Sindh, Punjab, Balochistan, KPK, and AJK Yes  No  If yes, specify the area/Distt. \_\_\_\_\_

14. Foreign students / Pakistanis living abroad only: - a. Country of origin \_\_\_\_\_ b. Passport No. \_\_\_\_\_

15. Current Address: \_\_\_\_\_

\_\_\_\_\_ Phone \_\_\_\_\_ Mobile(Own) \_\_\_\_\_

Mobile(Father's/Guardian) \_\_\_\_\_

16. Permanent Address: \_\_\_\_\_

\_\_\_\_\_ Phone \_\_\_\_\_ Mobile \_\_\_\_\_

17. E-mail: \_\_\_\_\_ Fax: \_\_\_\_\_ (if available)

### 18. ACADEMIC DETAILS: Fill in the relevant rows and put a cross (x) against the rest.

Examination	Year of Passing	Total Marks	Marks Obtained	Percentage Marks / GPA	Major Subjects of Study (less Islamic and Pakistan Studies)	Additional Information (if any)
Matric / Equivalent						
Intermediate (Part-1)						
Intermediate / Equivalent						
Additional Maths (In case of FSC Pre-Medical)						
Bachelor						
Masters						

Signature of the student: \_\_\_\_\_ Signature of the Parent/Guardian: \_\_\_\_\_

- Note:
- Kindly attach photocopies of Matric/O level/equivalent and FSC/A level/equivalent certificates.
  - SAT stream candidates will attach photocopy of SAT score also.