



NATIONAL UNIVERSITY OF SCIENCES & TECHNOLOGY (NUST), PAKISTAN

Islamabad | Rawalpindi | Karachi | Risalpur | Quetta



SCEE
SCHOOL OF CIVIL &
ENVIRONMENTAL
ENGINEERING



School of Civil & Environmental Engineering (Farewell Address – Entry Batches 2021) by Principal & Dean SCEE







SEQUENCE

- **NUST – Vision & Core Values**
- **Program Educational Objectives**
- **Kickstarting Professional Career**
 - **Career Planning**
 - **Building Strong CV**
 - **Networking**
 - **Job Interview Tips**
 - **Upskilling & Internships**
- **A Few Words of Advice**



NUST VISION

NUST aspires to be a comprehensive University providing a higher education experience grounded in **thought leadership, co-creation of knowledge, and sustainability.**

PURSUIT OF
EXCELLENCE



INTEGRITY



INSPIRING
PARTNERSHIPS

EQUITY, DIVERSITY &
INCLUSION



SUSTAINABILITY



PROGRAM EDUCATIONAL OBJECTIVES

CIVIL ENGG

- Graduates will be highly competent & employable demonstrating sound knowledge & skills.
- Graduates will be leaders demonstrating effective teamwork & interpersonal skills.
- Graduates will discharge their professional & societal obligations displaying high moral & ethical standards.
- Graduates will pursue lifelong learning through postgraduate education & continued development of technical & managerial skills.

ENVIRONMENTAL ENGG

- Demonstrate Engineering knowledge & digital skills to develop sustainable solutions for addressing environmental concerns.
- Progress in engineering practices & their profession while exhibiting continual improvement in interpersonal & collaborative skills.
- Execute their professional & societal obligations displaying high moral & ethical standards.
- Remain committed towards learning through PG education & continued dev of managerial, entrepreneurial, & leadership skills.

GEOINFORMATICS ENGG

- Graduates will be highly competent & employable, demonstrating Geoinformatics knowledge & skills.
- Graduates will demonstrate effective teamwork & interpersonal skills.
- Graduates will discharge their professional & societal obligations, displaying high moral & ethical standards.
- Graduates will pursue lifelong learning through postgraduate education & continued development of technical & managerial skills.

KICKSTARTING PROFESSIONAL CAREER

Challenges

- **Constantly Evolving** Job Market
- Student **Turnout** Exceeding Vacancies

Measures

- Need a blend of **Preparation**, **Persistence**, **Malleability/ Flexibility**
- Empowerment with Strategies for **Transition from Students to Professionals**

Key Factors

- Career Planning
- Building a Strong CV
- Networking
- Job Interview Tips and
- Upskilling & Internships



KICKSTARTING PROFESSIONAL CAREER

Career Planning

- Define your **Career Goals**
- Identify your **Strengths & Selling Points**
- Utilize **Resources** to Gain Valuable Insights
 - Career Counsellors
 - Online Platforms e.g.  **CareerFitter**
 - Career Fitter
 - Skill Scan
 - Mentorship Programs
 - LinkedIn
 - Pakistan Mentorship Program



Are you passionate about something?

What Drives Your Motivation & Subdues Procrastination?

Do you excel in a Niche other than the subject of your degree?

KICKSTARTING PROFESSIONAL CAREER

Building a Strong CV

- A well-crafted CV is ticket to the Interview

Key Points

- Education
- Skills
- Summary
- Experience

Don'ts of a CV

- Including Irrelevant Information e.g. Casts, Languages
- Hobbies like Internet Exploring etc.

Education

Apart from your degree and institution, highlight **relevant, coursework, certificates, awards**, etc.

Skills

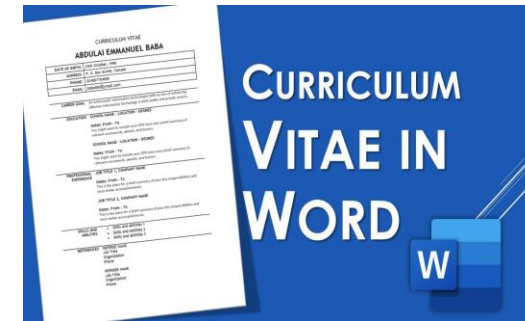
Mention technical and soft skills relevant to the job you are applying to. and **MOST IMPORTANTLY**, Tailor Each CV for the job you are applying to.

Summary

Write a brief statement summarizing your **skills and career aspirations**. **AVOID** the extensive use of word "**passionate**" because every CV has it in it.

Experience

List internships, part-time jobs, or projects. Focus on **achievements** rather than **responsibilities**. How did you do, what you did, highlighting your perceptive and original solutions to problems you faced



KICKSTARTING PROFESSIONAL CAREER

Networking

- Importance of Networking & References in Career Success
- Building Meaningful Connections

Approaches

- Internships & Job Fairs
- Alumni Networks
- 



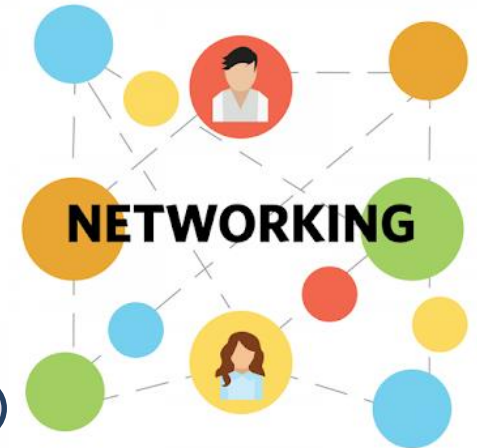
Leverage NUST alumni networks to connect with graduates working in your desired industry.

Attend alumni events and engage with them on LinkedIn.

 **LinkedIn**

Optimize your profile with a professional photo, a concise headline, and detailed achievements.

Share posts about your learning journey and activities that align with your career interests and engage with industry content.



Research shows that 80% of professionals believe follow-up messages play a critical role in building strong connections, as they reinforce interest & professionalism (Forbes, 2022).

KICKSTARTING PROFESSIONAL CAREER

Job Interview Tips

- **Research the Company**
 - Company Mission, Values & Recent Achievements
 - Demonstrates your Interest & Preparation
- **Showcase Soft Skills/ Micro-Credentials**
 - Employers value Communication, Teamwork, & Adaptability
 - Share Examples relevant to Job that Highlight these Traits
- **Confidence & Professionalism** are the Key
- **Mock Interviews** to refine responses & Body Language



Post Interview Etiquettes

- Send a thankyou email, irrespective of the outcome

KICKSTARTING PROFESSIONAL CAREER

Upskilling & Internships

- Continuous Learning in today's competitive market
- Invest in Online Courses/ Certifications
- Use Platforms like Coursera, Udemy, NUST ConnectEd & Digiskills etc.
- Internships provide hands-on experience & glimpse into your chosen industry
 - Excellent way to build network & Enhance Skills
 - Showcase your abilities to Potential Employers
 - Interns.pk, LinkedIn Jobs, Business Incubation Centers like NSTP etc.



PM's Digital Youth Hub Portal

- Pakistan's largest platform for youth, connects young people to jobs, education, entrepreneurship, and more.
- Initiative empowers youth to explore, grow, and lead their future

PREPARING STUDENTS FOR SUCCESS

Top Professional Skills:

- **Problem-solving**
- **Communication skills**
- **Flexibility and adaptability**
- **Leadership**
- **Teamwork**
- **Conflict resolution**
- **Social and emotional intelligence**
- **Time management**



“93 percent of employers say that a demonstrated capacity to think critically, communicate clearly, and solve complex problems is more important than a candidate’s undergraduate major. More than 75 percent want higher education to place more emphasis on critical thinking, complex problem solving, written and oral communication, and applied knowledge.”

– Key Findings | 2013 Survey of Employers
‘It Takes More Than a Major: Employer Priorities for College Learning & Student Success’ | A Study for the Association of American Colleges & Universities



FEW WORDS OF ADVICE

- Never forget that your greatest allies are **Versatility** and **Resilience**.
 - Never discount your **Abilities & Attributes**.
 - Be **Proactive** and **Receptive (Accept Learning)**.
 - Although there may be obstacles along the way, you can achieve your goals if you are **Determined** and **Utilize the Tools Available**.
 - Serve your parents and families.
 - Be a part of Great Story – **Story of Building Pakistan !**
 - **GODSPEED WITH YOUR EXCEPTIONAL ENDEAVORS.**
- (MAY ALLAH SWT'S SPECIAL BLESSINGS BE UPON YOU & YOUR FAMILIES)***

THANK YOU

