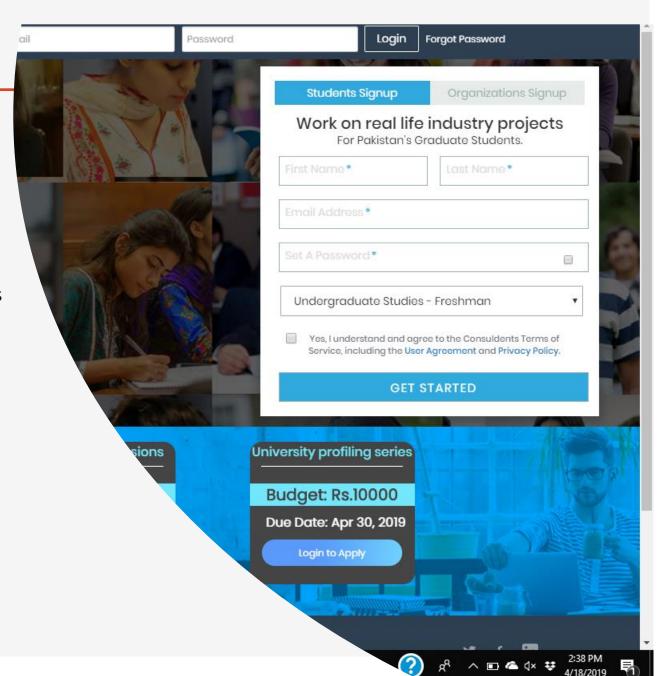


One stop shop for university students

At Consuldents, graduate students can:

- Work on paid short-term industry projects and competitions
- Upload their FYPs for industry comments and feedback
- Browse hundreds of other FYPs for idea solicitation
- Browse an extensive repository of jobs and internships
- Benefit from comprehensive service pack (resume writing, cover letter writing, LinkedIn profile, career counselling etc.).
- Receive notifications on upcoming scholarships & fellowships



Industry Projects and Competitions





Graduate students work alongside industry experts on short-term real life projects.

Graduate students work on exclusive competitions posted by industry at Consuldents.

Projects ranging from both voluntary to paid

Competitions ranging from writing to core engineering competitions.

Short term industry projects to make education innovative and collaborative driven.

Students compete for a prize money and can apply either apply singly or jointly in groups.

Emphasis on core R&D projects (prototyping, business services) instead of freelancing projects (blog writing)



Final Year Projects Repository



An advanced easy to use FYP repository available to all students.

Works best for cross-pollination of ideas.

Past student FYPs ranging from mechanical, electrical, mechatronics and other engineering fields to biosciences, humanities and business FYPs.

Curated through an extensive student outreach and university partnerships



Students can also upload FYPs to solicit ideas and feedback.

Once uploaded, industry professionals can provide input and feedback.

Live mentorship on FYP ideas by industry professionals can refine an existing idea and help take the FYP from idea to fruiton.



An emphasis to treat each FYP seriously – with cross pollination of ideas encouraged.

Exclusive resources and guidance as how to work on your FYPs

In the future: live webinars and presentations on how to present FYPs and apply for various incubation centers and pitch competitions.

Jobs and Internship opportunities



Consuldents comes with advanced algorithms of identifying jobs exclusively for fresh students.

Current job database searched 500 top companies of Pakistan to put all jobs searched in one complete database.

Easy to use link to apply directly to the job position.

Daily job updates means students don't lose out on a single opportunity.



A holistic internship database that is updated daily.

Curated through Consuldents extensive outreach.

Easy to use link to apply directly to the internship position.

Daily internship updates means students don't lose out on a single opportunity.



Consuldents Service Pack



With a premium account, students can gain access to:

- 1. CV Writing: Polish your resume for your first job/internship in 38-58 hours and free from all grammatical errors
- 2. **Professional LinkedIn profile:** Create an impactful online professional profile for them to find you and chose you.
- 3. Cover letters: Get a good cover letter, which is as good as a CV.
- 4. Career counselling: An appointment for a 30 minute Skype slot with one of the best in the field.
- **5. Application forms and personal statements:** From advising to helping you polish your all important essays.
- **6. Proof-reading:** Making sure the work is not let down by grammatical errors.

Compulsory Grad Education Resources – News, scholarships, fellowships



- All news on graduate education resources, especially latest Master's and PHD scholarships and fellowships
- Special focus on international opportunities
- Help and support in applying to fellowships and scholarships with exclusive one to one sessions



- Exclusive resources to keep students engaged and ready for all latest news
- GRE, GMAT guides and other exclusive materials to stay one step ahead of the pack.
- All latest industry insights to keep students aware of the latest trends.

Other exclusive benefits!

Other exclusive benefits include:

- Featuring your university students at Consuldents social media
- Featuring interviews of Head of Department, young scholars and researchers at Consuldents platform – giving them national and international exposure
- Partnership with leading national and international universities to showcase Pakistan's leading research and innovation
- Partnership with development partners (USAID, DFID, GIZ) to arrange international lab tours, funding grants for promising innovators.

INDUSTRY FEATUR

Meet Shah Rukh Abbas: the woman who is using nanoparticles to solve some of the biggest mysteries of life









An alumna of the University of Cambridge, Dr. Shah Rukh Abbas is currently working as an assistant professor in the Industrial Biotechnology department of Atta-ur-Rehman School of Applied

CONSULDENTS CAMPUS DIARIES

From Thar to NUST: a dream come true!



Anand Kumar February 5, 2019

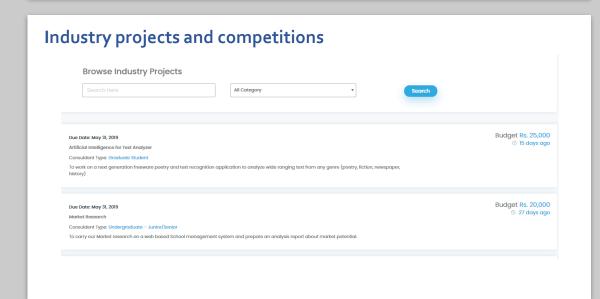


Hailing from a small village of an under-privileged and far off area of **Tharparkar desert**, it was anything but expected of me to feel at home in the most prestigious university of Pakistan, right away With this article, I wish to share my incredible experiences during my first semester here at NUST!

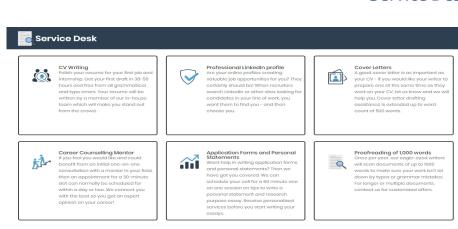
After the tiring admission process, I was very ecstatic when I received the call that told me that I had been accepted into NUST. I had not even seen the pictures of NUST's campus, and used to imagine and create the maps of NUST in my mind, while sleeping in the cold starry night of the desert. At last, it came the day of August 25, 2018, when I packed my bag and headed off to NUST.

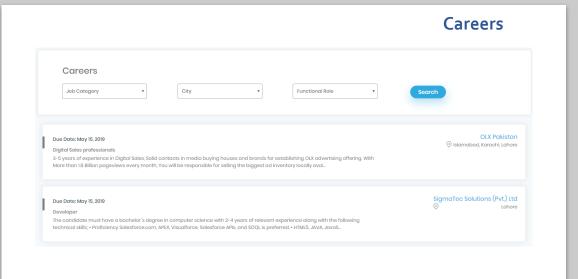


Student FYPs Autonomous Drone Project Details FYP Lead: Muhammad Deadline: April 25, 2019 Student Colloborators At what stage is your FYP? Scassero, University of Maryland. Yesl an Unmanned Aerial Vehicle(UAV) is good but an Unmanned Autonomous Aerial Vehicle(UAV) is bound to be better. Drones have been in use of the defense industry since a long time. Only in recent years it has been observed that drones are finally finding their way into commercial markets. The emerging global market for business services using drones is potentially worth more than \$127bn, according to a 2018 PwC study. Even though drones have started being used in variety of different areas like agriculture, security, infrastructure, Transport, mining and of course media, there remain some hurdles limiting their usage. One of the most widely faced hurdle is the Autonomy of drones. Making unmanned gerial vehicles(UAV's) didn't made the drones pilotless, it only made them unmanned. There still remains the need for a pilot to control the drones remotely. This is the problem that we hope to resolve in our Final Year Project. Let us assume if a postal service decides to use drones for delivering their orders, they will need first to hire pilots for piloting them or they will need to train their workers to be able to fly the drones, which will not be very efficient monetarily for that postal service. Making drones autonomous will not only help solve problems like the one described above, but it would also further boost the usage of drones thus expanding the global market for businesses using drones. We plan on engineering a sensory unmanned aerial multirotor quadcopter from scratch which will not need any human intervention during its flight even if it encounters an obstacle during that time. Obstacles will be detected using sensors mainly Lidar, Radar, Ultrasonic, infrared and optical flow sensors. On encountering an obstacle, the data from the sensors will be fed to an onboard computer which will be running an obstacle detection and avoidance algorithm specifically designed for the purpose. That algorithm will form the basis of the instructions issued by the onboard computer for avoiding that obstacle.



Service Desk





Student Profile Snapshots



