

Name: Ms. Neenu Shaji

Title: Learning Lab Coordinator

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Neenu Shaji joined the Science Program in 2009. She currently teaches Calculus Recitations and Python Coding Labs. She is actively involved in outreach programs. She worked as instructor for the ACT (American College Test) coaching hosted as a joint venture, PSP (Promising Students Program) between HBKU (Hamad Bin Khalifa University and Texas A&M University, Qatar). She worked as Assistant instructor to Dr. Sandra Nite as a part of the outreach program - PREP (Pathways for Retention in Engineering Programs) hosted by the Department of Outreach (Currently Office of Advancement) for two consecutive years. In this regard, she was actively involved in teaching the high school students precalculus as well as MATLAB. She developed a course for MATLAB for Precalculus and taught it to high-school students as a part of PREP.

My passion:

To perceive excellence in the field of Teaching, through continuous research, learning and sheer hard work to face new challenges in the near future for me and for my organization and thus to achieve goals through my endeavors. I am passionate about active learning environment where the instructor coaches the student by bridging gaps and guiding them towards the learning outcomes by eliciting them to connect concepts together and thereby providing a life-long learning experience to the students. Teaching and learning is a progressive space where in both parties should be willing to learn and unlearn in order to provide a dynamic learning and teaching experience.

Education:

Master of Mathematics, University of Waterloo, 2018

Master of Business Administration, Operations, IGNOU, New-Delhi, 2011

Bachelors in Technology Electronics & Communication Engineering, NITC (National Institute of Technology Calicut, Kerala, India), 2007

Experience:

- Learning Lab coordinator
Texas A&M University at Qatar
August 2013 - Present
- Instructor, PREP – Pathways for Retention in Engineering programs
July-August, 2017 - 2018
- Instructor, PSP – Promising Students Program
Joint venture by HBKU (Hamad Bin Khalifa University) & Texas A&M University, Qatar
October 2015 – December 2015
- Teaching Associate
Texas A&M University at Qatar
August 2008 – August 2013

- Lecturer
Qatar Aeronautical College
2007 September– 2008 July

Awards & Recognitions:

- 2020 DIELA – Dean’s Inclusive Excellence and Leadership Academy, Project on Course Mapping- Science to Engineering.
- 2015 Science Staff Excellence Award
- 2015 ELIT Showcase – Education and Learning Innovation with Technology, showcased Educational technology in teaching MATLAB.
- 2000 Air India Scholastic Award
- 2000 All India Merit Scholarship in Science
- National Mathematics Olympiad (Top 10% and 20%) in two consecutive years
- Gulf Mathematics Olympiad (Top 10 %) in two consecutive years

Trainings & Certifications as a part of Dean’s Inclusive Excellence & Leadership Academy:

Course/Activity	Date(s)	Status	Hours	Attendance
Project Management Fundamentals <i>(New Horizons: Samer Deaibess)</i>	7 December 2017	Complete	8.0	Attended
Project Management Coaching: Project Charter <i>(New Horizons: Samer Deaibess)</i>	7 January 2018	Complete	2.0	Attended
The Coaching Habit Book Discussion <i>Session #1 (pages 1-48)</i>	24 January 2018	Complete	1.0	Attended
Prioritizing Your Time Effectively – Part I <i>(New Horizons: Moutaz Kamal)</i>	21 February 2018	Complete	8.0	Attended
Prioritizing Your Time Effectively – Part II <i>(New Horizons: Moutaz Kamal)</i>	28 February 2018	Complete	8.0	Attended
Luncheon w/ the Dean <i>(Impact Project & Project Charter Overview)</i>	11 March 2018	Complete	1.0	Attended
The Coaching Habit Book Discussion <i>Session #2 (pages 49-98)</i>	14 March 2018	Complete	1.0	Attended
The Coaching Habit Book Discussion <i>Session #3 (pages 99-152)</i>	25 April 2018	Complete	1.0	Attended
Teaming & Effective Meetings <i>Dean César Malavé</i>	3 May 2018	Complete	3.0	Attended
Engagement Excellence <i>Participated in STEM Road Show w/ Ben Cieslinski</i>	17 May 2018	Complete	3.0+	Attended
The Coaching Habit Book Discussion <i>Session #4 (pages 153-200)</i>	6 June 2018	Complete	1.0	Attended
The Coaching Habit Book Discussion <i>Session #5 (pages 201-223)</i>	5 July 2018	Complete	1.0	Attended

Course/Activity	Date(s)	Status	Hours	Attendance
Leadership Fundamentals (Redrock International: Nick Ashley)	7 October 2018 8 October 2018	Complete	16.0	Attended
Coaching & Mentoring Skills for Managers (HNI: Amal Ibrahim)	7 November 2018 8 November 2018	Complete	16.0	Attended
Creative Problem Solving & Decisions Making (HNI: Paul Campbell)	14 November 2018 15 November 2018	Complete	16.0	Attended
Q&A Luncheon w/ the Dean's Council (Part I) (Malavé, Economou, Bazzi, Nickles & Nounou)	28 November 2018	Complete	1.5	Attended
Research Computing Cave Demonstration (Dr. Bouhali & Ali Sheharyar)	11 December 2018	Complete	1.5	Attended
Q&A Luncheon w/ the Dean's Council (Part II) (Malavé, Economou, Bazzi, Nickles & Nounou)	13 January 2019	Complete	1.0	Absent
Advanced Power Electronics Research Lab (Lab Tour and Demo w/ Dr. Robert Balog)	19 February 2019	Complete	1.0	Attended
Presentation Skills Training (Center for Teaching & Learning: Shauna Loej)	21 February 2019	Complete	3.0	Attended
Impact Project Presentations (Team Presentations to TAMUQ Faculty & Staff)	16 April 2019	Scheduled	1.0	Attended

Total Hours: 95

Papers Presented:

- 'Mathematical Model of Cloud Computing Using Clustering Technique: Case study' for the ICDMKE (International Conference on Data Mining and Knowledge Engineering, Venice, Italy in 2012.
- 'Engineering & Mathematics Undergraduates Using MATLAB- Case Study '- for the ICCAM (International conference on Computational & Applied Mathematics), Bangkok, Thailand in 2011.
- ' Technology in teaching Mathematics to Engineering Students- Case study' on using various technologies like Turning-Point, WebCT, Webassign, Second-Life & MATLAB in the ICEHVE (International Conference on Ethics & Human Values in Engineering), Barcelona, Spain in 2010.