

Curriculum Vitae

Shadab Ahmad

Assistant Professor

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A committed Assistant Professor, with more than **10+ years of experience** at leading Indian and Ethiopian University. Possessing excellent administrative, verbal communication and research skills; along with constructive and effective teaching methods that promote a stimulating learning environment. Able to work in tight schedule and honest for work.

Work Experience

1. Samara University, Samara-Ethiopia

[Oct 2017 — Present]

[Assistant professor]

- Handle the Lectures for Communication Engineering courses.
- Prepared weekly course presentation and handouts for the students.
- Manage the Project Lab for Final year students.

2. D. R. College of Engineering & Technology-India

[Sept 2012—Aug 2015]

HOD [Assistant professor]

- Serve the Electronics Engineering department as Assistant Professor and **Head of department** with teaching courses and Project Labs.

3. D. R. College of Engineering & Technology-India

[Aug 2008—July 2010]

[Lecturer]

- Serve the Electronics Engineering department as a Lecturer with teaching courses and Lab.
- Acting as an external theory examiner in different colleges.
- Also appointed as External Practical Examiner by Kurukshetra University.

Higher Education

PhD. (Pursuing) — Electronics and Communication Engineering: 2016 —2022

Research Area: “*Designing and enhancing the performance of Operational Transconductance Amplifier for low power using CMOS*”

Maharishi University of Information Technology, Lucknow (India)

M. Tech (Electronics and Communication) : 2010 —2012

Al-Falah School of Engineering and Technology, Faridabad (India)

Master of Technology in **Electronics and Communication Engineering** with 74% marks.

B. Tech (Electronics and Telecommunication) : 2004 —2008

Uttar Pradesh Technical University, BBDIET, Bulandshahr (India)

Bachelor of Technology in **Electronics and Telecommunication Engineering** with 70% marks.

Published Papers

- Paper:** Hydrothermal Synthesis of NiFe₂O₄ Spinel Magnetic Nanoparticles and its Application in to Water Remediation
Presentation & Publication: Proceeding of Samara University Symposium, Ethiopia.
Volume and Date: 4th Symposium May 2017
- Paper:** Comparison between Adaptive filter Algorithms (LMS, NLMS and RLS)
Publication: International Journal of Science, Engineering and Technology Research
Volume and Date: Volume 2, Issue 5, May 2013
- Paper:** Implementation of Recursive Least Squares (RLS) Adaptive Filter for Noise Cancellation
Publication: International Journal on Scientific Engineering & Technology
Volume and Date: Volume 1, Issue 4, Oct. 2012.

Certification/Seminar/Conference/Symposium

- Presented Seminar in Symposium on my research paper “**Hydrothermal Synthesis of NiFe₂O₄ Spinel Magnetic Nanoparticles and its Application in to Water Remediation**” in Samara University, Ethiopia (Africa) in 21st May 2017.
- 3-Days training on “**Entrepreneurship Opportunity in Solar Energy Sector**” organized by the center of excellence for energy and environmental studies in association with **Thams Ensol**, DCRUST Murthal (India) from 1st to 3rd Sepember 2016.
- Two weeks workshop certification on "Control System" conducted by **IIT Kharagpur** held under the ICT MHRD (India) from 2nd to 12th December 2014.

- Attend a seminar on **Plastic Technology** presented by Central Institute of Plastic and Engineering Technology, Sonipat (India) in 2012.
- Attend four weeks summer training on “**Robotics**” by ISIS software in May 2011.
- Eight weeks Training on networking using CISCO routers from NSIC, Chennai in 2008.

Member/Organizer/Coordinator

- Editorial/Review Board Member:
 - International Journal of Science & Engineering Research (IJSER)
 - International Journal of Advancements in Research & Technology (IJOART)
 - International Open Research Journal (IORJ)
- **Organizing Committee member** of the **1st International Conference “ICSU-2018”** of Samara University (Ethiopia) held on 19th June 2018.
- Coordinate the Electronics Engineering project competition “**Elektra 2013**” at D.R. College of engineering seminar hall (India) held in March 2013
- Coordinate the workshop of “**Information Security and Cyber Forensics**” conducted by the Cyber Cure Technologies Pvt. Ltd. in March 2011.

Achievements

- *Organized and Conduct the workshop* on “**Hardware based Arduino-UNO and programming**” for undergraduate engineering students at Electronics Engineering Laboratory, Samara University in 12th to 20th February 2018.
- Appointed as an **Examiner** acting as an external theory exam by Kurukshetra University in the years of May 2016, December 2014, December 2012, May 2010, and December 2009 at R.N College, Geeta College, N. C. College of engineering, Haryana (India).
- Appointed as **External Practical Examiner** by Kurukshetra University in the years of 2012, 2013, 2014, and 2015.
- Appointed as **Superintendent-in-Chief** of external theory examination by Kurukshetra University for undergraduate engineering exam in December 2013 to January 2014.

Interests

- Reading books about latest technology,
- Handle the science projects
- Review problem related papers

(Shadab Ahmad)