

Curriculum vitae

Name:

Prof. Mohamed Sami Haji Ali Head of the Department of Communications Engineering

Personal Data:

- **Date of Birth : March 8, 1942**
- **Place of Birth: Jouik, Syria**
- **Marital Status: Married**
- **Permanent Address: Department of Communications Engineering ,
Faculty of Electrical and Electronic Engineering ,
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Education : Ph.D. in communications, April 1974 at the Slovak Technical University in Bratislava, Slovakia Republic.

**M.S. in Electrical Engineering and communications , November, 1969
at the Slovak Technical University in Bratislava, Slovakia Republic**

Experience:

- **1982 to present : Professor at the Department of Communications Engineering ,
Faculty of Electrical and Electronic Engineering, University of Aleppo.**
- **Lecturer to third, fourth and fifth year students of Electronic and Communications Engineering on :**

- 1. Transmission Lines.**
- 2. Advanced Electronic Communication Systems.**
- 3. Radar Technique.**
- 4. Power Electronics.**
- 5. Television Technique.**
- 6. Transmission and switching communication systems.**

Supervised undergraduate students projects on:

- 1. Analysis study of optical communication systems.**
- 2. Analysis study of digital communication systems and its application in Syria.**
- 3. Analysis study of communication systems using satellites.**

Supervised postgraduate students projects:

1. M.Sc. for engineer Hussain Radwan with title “Using CDMA in electronic switching systems” has achieved successfully in 2001.
2. M.Sc. for engineer Bassel Subhi Frewi with title” Design studying for telephone mobile system in Idleb using GSM system and its connecting with other cities.
- 3.Participate as a member of examination committee for master degree of engineer George Hadad “CDMA applications in mobile communications and technique development of CDMA system in mobile communications”.

1974-1975 : Technical supervision of installating and maintaining Radio and TV broadcasting instructions in Aleppo Centre.

1975-1982: Supervising the planning and installation of Telephone exchanges in Aleppo.

October 1977: Participated in one month international course on:
“ Introduction to Electronic switching systems”, Jeddah, Saudi Arabia.

1988-1989: Participated in the research on the optical communication systems at the Slovak Technical University, Slovakia.

Books Published in Arabic:

1. Theory of radar, Al Assad Academy, 1977, 300pp.
2. Radar Technique, University of Aleppo, 1982,450pp.
3. Communication engineering –2003, 675 p., Aleppo University.
4. Communication Systems- 2004, 610, Aleppo University.

Papers Published:

1. Advanced frequency and low noise signal generators, Journal of Electrical Engineering, EF-STU Bratislava, No.3, vol. 41, 1990.
2. Multiplex in optical fiber sensor systems, Journal of Electrical Engineering , EF-STU Bratislava,No. 7, vol.41, 1990.
3. Theoretical and experimental investigation of bifurcations in a real LC Autonomous circuit, Journal of Electrical Engineering, EF-STU Bratislava, 1994.
4. Frequency stability improvement possibilities of MXCO. At 10th international conference “Radioelektronik 2000”. Slovakia – September 2000. Published in electrical engineering magazine –volume 51 – 2000.
5. Reliable transmission of information using phase-frequency modulation and block codes. Published in Aleppo University research journal in issue 29-2001.