Associate Professor . Mohamed Fathy Abo Sree

Personal Data:

Address: 1 Abdel Latif El Makabaty St., Heliopolis Square, Heliopolis, Cairo.
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Mobile number: +201112233828
Website : https://aast.edu/cv.php?&ser=95100

Nationality: Egyptian **Date of Birth:** 1/6/1986
Marital Status: Married

Language:
Arabic: Native **English:** Excellent **French:** Fair

Academic credentials:

Ph.D.: Ain shams university 2016-2019 excellent with honor degree
M.Sc.: Arab academy for science and technology 2009-2013 excellent with honor degree **B.Sc.:** Arab academy for science and technology 2005-2009 excellent with honor degree

Professional jobs and experiences:

Associate Professor in the Faculty of Engineering at Arab Academy for Science, Technology and Maritime Transport (AASTMT) ,Cairo Campus.
Department: Electronics and Communication Engineering
From: May 2019 **To:** now
Job description: Teach Lectures of the following Courses

- Teach Antenna engineering
- Teach Electro transmitting media
- Teach Microwave
- Teach Advanced antenna

Lecturer in the Faculty of Engineering at Arab Academy for Science, Technology and Maritime Transport (AASTMT),Cairo Campus.
Department: Electronics and Communication Engineering
From: May 2013 **To:** 2019
Job description: Teach Lectures of the following Courses

- Antenna engineering
- Electro transmitting media
- Microwave
- Advanced antenna
- Electronics 1
- Electronics 2
- Math 1

Teaching Assistant and researcher in the Faculty of Engineering at Arab Academy for Science, Technology and Maritime Transport (AASTMT) ,Cairo Campus. **From:** October 2009 **to:** January 2013 **Job description:**

- Antenna engineering
- Electro transmitting media
- Microwave
- Advanced antenna
- Electronics 1
- Electronics 2

For Master program

Teaching Courses

Advanced microwave antenna
(Sheraton branch and smart village branch)

I am supervising over 10 students in master program 6 students finished Master defence.

For PHD students:

I finished 3 PHD students and 7 master students
Now Enrolled 5 master students on many applications.

Google Scholar:

https://scholar.google.com/citations?user=bZwo3ysAAAAJ&hl=en

Research Gate:

https://www.researchgate.net/lab/Mohamed-Fathy-Abo-Sree-Lab

I have published more than 60 research papers in international conferences and Q1, Q2 Journals

it is sample:

Published papers:

[1] F. Taher, A. S. Tonsy, H. H. M. T. Azab, H. A. Hamadi, M. T. Haweel and M. F. A. Sree, "Design and implementation of 2.6 GHz Phase shift using microstrip technology for mobile broadband application," 2022 International Telecommunications Conference (ITC-Egypt), 2022, pp. 1-7, doi: 10.1109/ITC- Egypt55520.2022.9855749.

[2] H. M. Emara, H. H. M. Ghouz, S. K. El Dyasti and M. F. A. Sree, "Novel Compact Microstrip Antennas With Two Different bands For 5G Applications," 2022 International Telecommunications Conference (ITC-Egypt), 2022, pp. 1-6, doi: 10.1109/ITC-Egypt55520.2022.9855704.

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[6] M. C. Derbal, M. F. Nakmouche, M. Nedil, A. Amma, D. E. Fawzy and M. F. Abo Sree, "Dual Band Antenna Design Using Pixeled DGS for Energy Harvesting Applications," 2022 9th International Conference on Electrical and Electronics Engineering (ICEEE), 2022, pp. 147-150, doi: 10.1109/ICEEE55327.2022.9772605.

[7] M. S. H. S. El-Din, S. I. Shams, A. M. M. A. Allam, A. Gaafar, H. M. Elhennawy and M. Fathy Abo Sree, "SIGW Based MIMO Antenna for Satellite Down-Link Applications," in IEEE Access, vol. 10, pp. 35965-35976, 2022, doi: 10.1109/ACCESS.2022.3160473.

[8] M. S. H. S. El-Din, S. I. Shams, A. M. M. A. Allam, M. F. A. Sree, A. Gaafar and H. El-Hennawy, "Bow-tie Slot Antenna Loaded with Superstrate Layers for 5G/6G Applications," 2021 IEEE International Symposium on Antennas and Propagation and USNC-URSI Radio Science Meeting (APS/URSI), 2021, pp. 1561-1562, doi: 10.1109/APS/URSI47566.2021.9703766.

[9] Sree, Mohamed Fathy Abo, Mohamed Hassan Abd Elazeem, and Wael Swelam. "Dual Band Patch Antenna Based on Letter Slotted DGS for 5G Sub-6GHz Application." Journal of Physics: Conference Series. Vol. 2128. No. 1. IOP Publishing, 2021.

[10] El Dyasti, Sherif, et al. "Novel and Compact Circular Ring Microstrip Antenna with Parasitic Chip for 5G Applications." Journal of Physics: Conference Series. Vol. 2128. No. 1. IOP Publishing, 2021.

[11] M. M. Tawfik, M. F. A. Sree, M. Abaza and H. H. M. Ghouz, "Performance Analysis and Evaluation of Inter- Satellite Optical Wireless Communication System (IsOWC) from GEO to LEO at Range 45000 km," in IEEE Photonics Journal, vol. 13, no. 4, pp. 1-6, Aug. 2021, Art no. 7301006, doi: 10.1109/JPHOT.2021.3104819.

[12] M. F. A. Sree, "Triple Band Shaped Egypt Slotted Patch Antenna for C & X Band Satellite Application," 2021 International Telecommunications Conference (ITC-Egypt), 2021, pp. 1-4, doi: 10.1109/ITC- Egypt52936.2021.9513914.

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[18] S. Y. A. Fatah, E. K. I. K. I. Hamad, W. Swelam, A. M. M. A. Allam, M. F. Abo Sree and H. A. Mohamed, "Design and Implementation of UWB Slot-Loaded Printed Antenna for Microwave and Millimeter Wave Applications," in IEEE Access, vol. 9, pp. 29555-29564, 2021, doi: 10.1109/ACCESS.2021.3057941.

[19] Elsayed, Mohamed S., Mohamed F. AboSree, and Mohamed H. AbdElazem. "Compact wide band antenna for millimetric communications." IOP Conference Series: Materials Science and Engineering. Vol. 1051. No. 1. IOP Publishing, 2021.

[20] Ali, N., Sree, M. A., Uyguroglu, R., & Allam, A. M. M. A. (2020). Stage II cancer diagnosis using printed antenna implemented on hemispherical model for human breast. Journal of Instrumentation, 15(09), P09016.

[21] M. F. A. Sree, A. M. M. A. Allam and H. A. Mohamed, "Design and Implementation of Multiband Metamaterial Antennas," 2020 International Applied Computational Electromagnetics Society Symposium (ACES), 2020, pp. 1-2, doi: 10.23919/ACES49320.2020.9196150.

[22] H. H. M. Ghouz, M. F. A. Sree, H. A. Mohamed and M. A. Ibrahim, "Novel Compact Microstrip Monopole Antenna for UWB Wireless Applications," 2020 International Applied Computational Electromagnetics Society Symposium (ACES), 2020, pp. 1-2, doi: 10.23919/ACES49320.2020.9196107.

[23] M. S. Elsayed, M. F. A. Sree and M. H. A. Elazeem, "A Dual Band Rectangular Patch Antenna for 5G Applications," 2020 12th International Conference on Electrical Engineering (ICEENG), 2020, pp. 200-202, doi: 10.1109/ICEENG45378.2020.9171733.

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[26] M. F. Nakmouche, D. E. Fawzy, A. M. M. A. Allam, H. Taher and M. F. A. Sree, "Dual Band SIW Patch Antenna Based on H-Slotted DGS for Ku Band Application," 2020 7th International Conference on Electrical and Electronics Engineering (ICEEE), 2020, pp. 194-197, doi: 10.1109/ICEEE49618.2020.9102564.

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[34] M. Fathy, E. A. A. A. Hagras, M. S. E. Mahallawy and M. A. Dahab, "Unequal error protection coded Interleave Division Multiple Access," Second International Conference on the Innovative Computing Technology (INTECH 2012), 2012, pp. 235-239, doi: 10.1109/INTECH.2012.6457764.

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[36] Emara, Hesham Mahmoud, Sherif K. El Dyasti, Hussein Hamed Ghouz, Mohamed Fathy Abo Sree, and Sara Yehia Abdel Fatah. "Compact High Gain Microstrip Array Antenna Using DGS Structure for 5G Applications."

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Research Interests:

- Multiple-input multiple-output systems
- Relay-assisted cooperative communications
- Digital Communications

Computer Experiences and Programming Language:

- Microsoft Office and Latex.
- MATLAB/Simulink.

- Pspice
- HFSS & CST