



CURRICULIM VITAE

PERSONAL INFORMATION

Name : Somaya Ismail Ahmed Omer Kayed
Address : 8 Abrag Othman, Kornich Elnile, Maadi, Cairo, Egypt, Cairo, Egypt,
Date of Birth : March 14, 1964, Cairo, Egypt
Nationality : Egyptian
Rank : Associate Prof.
Social Status: Married and have Twins.
Tel. : 01011779553
Email: skayed@gmail.com

PROFESSIONAL EXPERIENCE

Present Position : from Oct. 2023, Associate Prof. at NUB "Nahda University –BaniSwief"

August 2018- Sept. 2023: Associate Prof. at Oubor Higher Institute for Engineering and technology and I worked as the **Acting Dean** twice during Fall semester 2019/2020 and Fall semester 2021/2022, In addition to Head of the Electronics and Communication Engineering Department.

August 2013- Sept. 2018: Associate Prof. at Cairo Higher Institute for computer Science and management.

Sept. 2009 – Aug.2014: Associate Prof. at the University for technology and information.

May 2007 – Aug.2009: Associate Prof., Special Studies Academy- Technology Dept., Cairo, Egypt.

Sept. 2001- April 2007 : Lect., Special Studies Academy- Technology Dept., Cairo, Egypt.

Aug2000- Sep. 2001 : Lect., Nuclear Materials Authority, Cairo, Egypt.

July 1998 – July 2000 : Teaching Assistant, Nuclear Materials Authority, Cairo, Egypt.

Feb. 1995 – July 1998 : Electronics Engineer, Nuclear Materials Authority, Cairo, Egypt.

March 1990 – Feb.1995: Electronics Engineer, Arab Organization for Industrialization (AOI) SAKR factory for developed industries, Cairo, Egypt.

May 1988 – March 1990: Electronics Engineer, Compuworld, Cairo, Egypt.

ACADEMIC RECORD

2000 - 2007 Associate Prof. in Electrical and Electronics Measurements Engineering.

1997 - 2000 Ph.D. in "Application Specific Integrated Circuits "ASICs" Design, Electronics and Communications Dept., Ain Shams University, Faculty of Engineering, Cairo, Egypt.

1992 – 1996 M.Sc. in Electronics and Communications Dept., Ain Shams University, Faculty of Engineering, Cairo, Egypt.

1982 – 1987 B.Sc. in Electronics and Communications Dept., Ain Shams University, Faculty of Engineering, Cairo, Egypt.

Award

The Best Chip Design at Egypt 2000 from "Arab Organization for Industrialization (AOI) and Mentor Graphics company" .

RESEARCH PROJECTS ACTIVITIES

- 1- Participation in project title" Development of Simulation Model for Integrated Circuit Design Reuse" at faculty of Engineering – Electronics and Communications Dept., Ain Shams University, " main supervisor – Prof. Hani Fikry Ragaie", with funds 217800 L.E. from Mentor Graphics company, 2000-2002.
- 2- Participation in project title" Study of MEMES Technology for High frequency Applications" at faculty of Engineering – Electronics and Communications Dept., Ain Shams University, " main supervisor – Prof. Hani Fikry Ragaie", with funds 203200 L.E. from MEMs CAP company, 2001-2003.

TECHNICAL ACTIVITIES

- 1- Supervision on computer laboratory at Special Studies Academy,
- 2- Supervision on many undergraduate projects at Special Studies Academy, such as building a web site for the university.
- 3- Maintenance of geophysical instrumentation equipment at Exploration sector-Nuclear Materials authority "NMA".
- 4- Participation in putting equipment specs in the geophysical and nuclear material exploration domain at Exploration sector-Nuclear Materials authority "NMA".
- 5- Supervision on maintenance Electronics equipment's department at "NMA".

- 6- Maintenance of Hemodialysis machines (Testing, calibration, and quality control) at SAKAR factor, Arab Organization for Industrialization “AOI”.
- 7- Electronics circuit design using CAD-CAM system at “AOI”.
- 8- Reverse Engineering for Biomedical equipment's at design and research department at “AOI”.

ACADEMIC PROJECTS ACTIVITIES

- 1- Participation in development computer lab. at Special Studies Academy- Technology Dept., main branch Cairo, 2005.
- 2- Student's skills upgrade by making an Internet site for Special Studies Academy- Technology Dept., 4th year graduation project, 2006.

TEACHING EXPERIENCE

I taught many courses such as Electronics Eng., Electrical Engineering Fundamentals and Circuits, Instrumentations, Electronics Circuits, Digital Systems I, Logic Circuits, Introduction to computer, Computer programming C++, Solid state Electronics, Electronics Devices I, Electronic Synthesis, Application Specific IC's Design, Computer Organization I, Operation Research, Quality Cost Analysis in many universities such as AUC – Electronics Dept., MTI/ Electrical Engineering in: Communications Eng./ Civil Engineering in: Construction & Construction Projects Management Dept./ Mechanical Engineering in: Production and Mechatronics, AAST/ Electronics and Communications Dept., Oubor Higher Institute for Engineering and Technology / Electronics &Comm. Dept., 5th Higher Institute for Engineering and Technology / Electrical Dept., Special Studies Academy- Technology Dept.

RESEARCH AREAS

Current mode circuit design - Analog and Digital VLSI design for signal processing and Communications circuits- Energy harvesting – Antenna –Advanced MOS Devices for radiation hard applications-Design reuse-IR-UWB techniques.

SPOKEN LANGUAGES

Arabic and English.

TEACHING COURSES

Ser	Course Name	Term	University/ Department	Year
1	Solid State Electronic Devices	Second term	MIU Misr International University	Spring 2019
2	Measurements and Instrumentations, Logic Design Application Specific Integrated circuit design		Oubor Higher Institute for Eng. and Technology	Fall 2018, Spring 2019 till now
3	Electronic Devices,	First and	Akhabar ElYoum	Fall 2018,

	Integrated circuit design	second term		Spring 2019, Fall 2019
4	Introduction to Computer	First term	AAST/ Electronics and Communications Dept. smart village	2017
5	Electronics Eng. Lab	Third term	AUC – Tagmoh Branch Electronics Dept.	2010-till 2015
6	Design using computers	Post Grad.	Shoubra Univ.	2013 - 2016
7	Measurements and Instrumentations	First term	Cairo Higher Institute for Computer Science and management	2013-2018
8	Electrical Engineering Fundamentals and Circuits	First term	Cairo Higher Institute for Computer Science and management	2013-2018
9	Analog System	Second Term	Cairo Higher Institute for Computer Science and management	2014-till 2016
10	Logic Systems	Second Term	Cairo Higher Institute for Computer Science and management	2017
11	Introduction to Electronics	First term	Cairo Higher Institute for Computer Science and management	2013-till 2016
12	Electrical Engineering Fundamentals and Circuits	First term	MTI/Mechanical Engineering in: Production and Mechatronics	2009-till 2017
13	Electrical Engineering	First term	MTI/ Civil Engineering in: Construction & Construction Projects Management Dept.	2009-till 2017
14	Instrumentations	Third term	MTI/Electrical Engineering in: Communications Eng.	2009-till 2017
15	Solid State Electron	Third term	MTI/Electrical Engineering in: Communications Eng.	2009-till 2017
16	Digital Systems I	Third term	MTI/Electrical Engineering in: Communications Eng.	2009-till 2017
17	Logic Circuits	Fourth Term	MTI/Electrical Engineering in: Communications Eng.	2009-till 2017
18	Introduction to computer	Preparatory Phase	MTI/ Preparatory Phase	2009-till 2017
19	Computer programming C++	Preparatory Phase	MTI/ Preparatory Phase	2009-till 2014
20	Solid state Electronics	Third term	AAST/ Electronics and Communications Dept.	2001- 2006
21	Measurements and Instrumentations	Fourth Term	AAST/ Electronics and Communications Dept.	2001- 2004

22	Electronics Devices I	Fourth Term	AAST/ Electronics and Communications Dept.	2000- 2006
23	Electronics Synthesis	Fifth Term	AAST/ Electronics and Communications Dept.	2004
24	Application Specific IC's Design	Tenth Term	Oubor Higher Institute for Engineering and Technology / Electronics &Comm. Dept.	2006-2010
25	Electronics Measurements	Sixth Term	Oubor Higher Institute for Engineering and Technology / Electronics &Comm. Dept.	2007-2010
26	Computer Organization I	Fourth Term	5 th Higher Institute for Engineering and Technology / Electrical Dept.	2008-2009
27	Electrical Measurements and Testing	Sixth Term	5 th Higher Institute for Engineering and Technology / Electrical	2008-2009
28	Computer Applications	First year	Special Studies Academy-Technology Dept.,	2001-2009
29	Electrical, Electronics & Con- trol Instrumentations	Second year	Special Studies Academy-Technology Dept., Electrical Dept.	2001-2009
30	Digital Logic Design	Second year	Special Studies Academy-Technology Dept., Electrical Dept.	2001-2009
31	Introduction to Computer Science	Third year	Special Studies Academy-Technology Dept.	2001-2009
32	Operation Research	Third year	Special Studies Academy-Technology Dept.	2001-2009

PUBLISHED BOOKS

I was publishing many books in all the pervious courses and many books at Scientific Book for Distributing and Publishing.

Ser	Book Name	Notes
1	برنامج محاكاة الدوائر الإلكترونية للمبتدئين PPSICE	دار الكتب العلمية للنشر و التوزيع
2	النفائات الألكترونيه	دار الكتب العلمية للنشر و التوزيع
3	Digital Systems I	كما هو مبين سابقا
4	Logic Circuits	

5	Introduction to computer	
6	Computer programming C++	
7	Solid state Electronics	
8	Measurements and Instrumentations	
9	Electronic Devices I	
10	تطبيقات الحاسب الآلي	First year
11	أجهزة القياس و التحكم الكهربائية	Second year
12	تطبيقات اليكترونية	Second year
13	مقدمة فى الحاسب الآلى	Third year
14	بحوث العمليات	Third year
15	تحليل تكاليف الجودة	Fourth year

PUBLICATIONS

1- Dalia N. Elshaekh, Hesham A. Mohamed, Heba A. Shawkey, **Somaya I. Kayed**, "Printed circularly polarized spilt ring resonator monopole antenna for energy harvesting", Ain Shams Engineering journal, volume 14, Issue 6,102182, ISSN **2090-4479**, 2023, <https://doi.org/10.1016/j.asej.2023.102182>.

2- **Somaya I. Kayed** , Dalia N. Elsheakh, Hesham A. Mohamed and Heba A. Shawkey," Multiband Microstrip Rectenna Using ZnO Based Planar Schottky Diode for RF Energy Harvesting Applications", Microwave antennas: From fundamental Research to Applications, Micromachines, MDPI, vol. 14, Issue 5, 10.3390/mi 14051006, <http://doi.org/10.3390/mi 14051006>, ISSN 2072-666X, 2023.

3- Ghada Elsayed, **Somaya Kayed**, " FPGA Design and Implementation for Pseudorandom Number Generator based square root (SR-PRNG), Journal of International Society for Science and Engineering (JISSE), vol.5, issue 1, pages:8-11, JISSE-2301-1068 (R2) DOI:10.21608/JISSE.2023.187871.1068, 10 March 2023

4- Mohamed S. El_Tokhy, **Somaya Ismail Kayed** and Elsayed H. Ali., "Outage Probability and Capacity improvement of a wireless communication system, Scientific Information, Documentation and Publishing Office, The Egyptian Society of Nuclear Sciences and Applications (ESNSA), July 2023, ISSN: 1110-0451

5- **Somaya Kayed**, Lamiaa Ghaz, Farah Elbehairy, Ahmed Ghonim, Mennatullah Hendawy," Setting an Agenda for Urban AI Adaptivity in Urban Planning and Architecture E-learning", special issue from: Visions for Future Cities: Innovations & Environmental Technologies Conference, (VFC2022), Cairo, Egypt, 24-25 September, Vol. 6, No. 4, Journal of Engineering Research (ERJ), PP. 88:96, ISSN-P:2356-9441, ISSN-O:2735-4873, DOI:10.21608/ERJENG.2022.265385, 2022.

6- Dalia Sadek, Abdelhalim, Heba Shawkey and **Somaya Kayed**," 10 GHz Compact Shunt-Diode Rectifier Circuit Using Thin Film Ag/AZO Schottky Barrier Diode for Energy Harvesting Applications", Garvriel Salvendy, June Wei (Eds),"Design, Operation and Evaluation of mobile communications" 3rd international conference, HCI 2022, virtual Event, June 26-July 1, 2022 Proceedings, Springer, Springer Nature Switzerland AG 2022, G. Salvendy and J. Wei (Eds.): HCII 2022, LNCS 13337, pp. 436-445, 2022.

7- Ghada Farouk Naiem Elsayed, **S. Kayed**," A Comparative Study between MATLAB HDL Coder and VHDL for FPGAs Design and implementation", Journal of International Society for Science and Engineering (JISSE), JISSE-2204-1056 (R2), 10.21608/JISSE.2022.136645.1056. JISSE.journals.ekb.eg & ISSE.org.eg, Vol. 4, issue 4, Dec. 2022, pages: 92-98, ISSN 2682-3438, 2022.

8- **Somaya Kayed**, Sherif Saleh and Heba Shawkey, " ULP Super Regenerative Transmitter with Digital Quenching Signal Controller", MDPI Energies , Special Issue Towards Stable Operation and Control of New Energy Power System, 15 (19), 7123, <https://doi.org/10.3390/en15197123.1909137>, ISSN 1996-1073, Energies Sept. 2022

9- D. Elshaekh, **S. Kayed** and H. Shawkey," Single chip Two Antennas for MM-Wave self-Powering and Implantable biomedical Devices", ACES Journal, vol. 3, No. 7, <https://doi.org/10.47037/2021.ACES.J360710>, ISSN 1943-5711, July 2021.

10- Karam Amin Sharshar, **Somaya Kayed**, et al, " Development of the software Package of the communication subsystem in cubsat", Science Publications, online Journal of Engineering Science, 2022, 2, 391, www.scipublications.org/journal/index.php/ojes DOI: 10.31586/ojes.2022.391

10- Somia I. Kayed, H. F. Ragaie, "CMOS differential pass-transistor logic (CMOS DPTL) pre-discharge buffer design", Proceedings 13th National Radio Science Conference, March 19-21, Cairo, Egypt, 1996.

11- M. Abou El-Ela, H. F. Ragaie, Somaya I. Kayed, and F. A. S. Soliman "Analysis of CMOS Current Conveyor", Proceedings of the Fifteenth National Radio Science

- Conference NRSC'98, D9, Feb., 24-26, Helwan, Cairo, Egypt, 1998.
- 12- Somaya I. Kayed, H. F. Ragaie, M. Abou El-Ela, and F. A. S. Soliman, "Analysis and Simulation of Wide-Band CMOS Second Generation Current Conveyors", XXVIth General Assembly of the International Union of Radio Science, URSI 99, D2.3, pp. 237, 13-21 August, University of Toronto, Canada, 1999.
 - 13- Somaya I. Kayed, H. F. Ragaie, M. Abou El-Ela, and F. A. S. Soliman, "VLSI Design and Implementation of CMOS Current Conveyors", The 11th International Conference on MicroElectronicss, ICM99, pp. 55 -57, 22-24 Nov., Kuwait, 1999.
 - 14- Somaya I. Kayed, H. F. Ragaie, M. Abou El-Ela, and F. A. S. Soliman, "VLSI design and implementation of analog CMOS 2nd generation current conveyors", IEEE International Symposium on Circuits and Systems ISCAS2001, W14-HarC-I, 6-9 May, Sydney, Australia.
 - 15-R. Iskander, S. Kayed, and H. F. Ragaie, "Study of Technology Migration on 2nd Generation Current Conveyors Performance", IEEE Midwest Symposium on Circuits and Systems MWSCAS 2001, pp. 286-289, 14-17 August 2001, Dayton, Fairborn, Ohio.
 - 16- Somaya I. Kayed, H. F. Ragaie, M. Abou El-Ela, and F. A. S. Soliman, "A CMOS Single-CCII+ Based VCO", 13th International Conference on MicroElectronics ICM2001, pp. 165-168, 29-31 Oct. 2001, Rabat, Morocco.
 - 17- R. Iskander, S. Kayed, H.F. Ragaie, " Study of technology migration on 2nd generation current conveyors performance", IEEE Midwest Sym. On circuits and Systems, MWSCAS 2001, Dayton, Ohio, August 14-17, pp.286-290, 2001.
 - 18- H.F. Ragaie, S. Kayed, " Impact of CMOS Device Scaling in ASICs on Radiation Immunity", The First Egyptian Workshop on Advancements of Electronics Devices (EWAED), Ministry of science research Academy of Scientific Research and Technology, National Radio Science committee, Faculty of Eng., Ain-Shams Univ., IEEE Catalog No. 02 Ex 600, ISBN 977-5031-73-7, Egypt, 28 Sept., pp. 17-27, 2002.
 - 19-Karam Sharashar, S. Kayed, "Experimental Study of Total Ionizing Dose Radiation Effects on MOS Capacitor", The 14th International Conference on MicroElectronics, ICM 2002, pp. 273-276, 11-13 Dec., Beirut, Lebanon, 2002.
 - 20- Samer Adel, Somaya Kayed, Hani F. Ragaie, " Study of total dose effect on a 2.4GHz CMOS VCO", Proceedings 20th National Radio Science Conference, D5, March 18-20, Cairo, Egypt, 2003.
 - 21- Mona S. Salem, Marwa S. Salem, Somaya Kayed, Hani F. Ragaie, " Comparison of radiation hardening techniques for standard CMOS technologies", Proceedings 20th National Radio Science Conference, D6, March 18-20, Cairo, Egypt, 2003.
 - 22- Somaya I. Kayed," Technology migration of 2nd generation current conveyors using genetic algorithm", accepted at Ain Shams Univ. magazine vol 38 No. 4, Dec 31, 2003.
 - 23-S. Abdel-Khalik, S. Kayed, M. El-Azab, M. Dessouky, H. Ragaie "Automated synthesis of integrated RF CMOS LC VCO's", ICEEC'04, The International Conference on Electrical, Electronics, and Computer Eng. 2004, 5-7 Sep., Faculty of Eng., Ain-Shams Univ.,Cairo, Egypt, 2004.
 - 24- Mohamed S. Abd Alzaher, Hussein A. Elsayed, Somaia I. Kayed, Wagdy R. Anis, "Road traffic modeling using data Communicationss networks", International Journal of Computer Applications (0975 – 8887), volume 26– No.4, July 2011.
 - 25-Mohamed S. Abd Alzaher, Hussein A. Elsayed, Somaia I. Kayed, Wagdy R. Anis, "Crystallizing capabilities of data Communicationss networks modeling for road network traffic and natural problem", on line Mosharaka International Conference – Computing Artificial Inelegance(MIC-CAI),2012.
 - 26- Somia I. Kayed, H. F. Ragaie, "A new efficient design of the 2-to-1 multiplexer", Proceedings 20th International Conference on Micro-Electronics(MIEL'95), vol. 2, Nis,

REFERENCES

- 1- Prof. Hani Fikry Mohamed Ragaie, Prof. at the Faculty of Eng., Electronics and Communicationss Eng. Dept., Ain Shams University. 01001488935, 01222373481, hfragai@gmail.com, hfragai@iclasu.edu.eg
- 2- Prof. Mostafa Gomaa, Prof. at the Faculty of Eng., Computer Eng. Dept., Ain Shams University, 01223845869, m_gomaa_eg@yahoo.eh.
- 3- Prof. Ahmed Abo Auf, Prof. at the Faculty of Eng., Electronics and Communications Eng. Dept., AUC. 01282766605, aabouauf@aucegypt.edu
- 4- Prof. Hani Ghali, Prof. at the Faculty of Eng., Microwave Dept., Ain Shams University. 01005172163, hani.ghali@gmail.com
- 5- Prof. Hala abd ElKader at the Faculty of Engineering, Electronics and Communications Eng. Dept., Shoubra University. 01092179439 hala.mansour@gmail.com
- 6- Prof. Fouad A. A. Soliman, Exploration Sector, Nuclear Materials Authority. 01227902830 fouad.saad.soliman@gmail.com
- 7- Prof. Mohammed Ismail, Prof. at the Faculty of Engineering, Electronics and Communicationss Eng. Dept., Ohio-State University, USA.
- 8- Prof. Mohammed El- Masry, Prof. at the Faculty of Engineering, Electronics and Communicationss Eng. Dept., Toronto University, Canada.

Master Thesis (Finished)

- 1- Mohamed Salah Abd AL-Zaher Mohamed, "Road Network Traffic Modeling Using Data Communication Networks during Earthquake Disaster", faculty of Engineering – Electronics and Communication Dept., Ain Shams University, Cairo, 2012.
- 2- Ahmed Hossam Al-Deen abd-allah Talaat, "Performance Enhancement of mobile multimedia IP calls", faculty of Engineering – Electronics and Communication Dept., Ain Shams University, Cairo, 2012.

Master Thesis (still under supervision)

- 3- Riam Mohmed abd Elkrim, "Improve the IoNT performance to meet the 6G requirements" faculty of Engineering – Electronics and Communication Dept., AlAzhr, Cairo, 2020.
- 4- Sida Frahat "Large sensor network for real time monitoring and logging the car tire parameters" faculty of Engineering – Electronics and Communication Dept., AlAzhr, Cairo, 2020.

PhD Thesis (still under supervision)

- 5- Mai Emad Eldin, "Design of human interactionsimulator using AI tools" faculty of Engineering – Electronics and Communication Dept., El Fayoum univ., Cairo, 2022

الدورات التدريبية

قد حضرت برامج التدريب التالية:

- ١- مهارات الاتصال الفعال بنظام التعليم عن بعد من ٢٨-٦-٢٠٢٢ الى ٢٩-٦-٢٠٢٢
تبع مركز التدريب والتطوير جامعة عين شمس.
- ٢- استيفاء معيار (تصميم البرنامج) في نظام الاعتماد البرامجي ١٧-١٨-٧-٢٠٢٢ بمركز ضمان الجودة- جامعة عين شمس.
- ٣- نظم الامتحانات و تقويم الطلاب من ١٥-٨-٢٠٢٢ الى ١٦-٨-٢٠٢٢ - مركز تنمية قدرات اعضاء هيئة التدريس بجامعة القاهرة.
- ٤- تدريب برنامج الذكاء الصناعى لطلاب المعاهد العليا والمتوسطة بوزارة التعليم العالى للعام الدراسى ٢٠٢١/٢٠٢٢.

افادة بالمؤتمرات المحلية والعالمية

قد حضرت المؤتمرات التالية

- ١- رؤى مدن المستقبل :الابتكارات و التقنيات البيئية فى الفترة من ٢٤-٢٥-سبتمبر ٢٠٢٢
"Setting an agenda for AI adaptivity in Urban Planning and Architecture e-learning", international conference 2022, vision for the future cities
- 2- Ghada Farouk Naiem Elsayed, Elsayed A. Soleit, Somaya Ismail Kayed, ,
"FPGA Design and Implementation for Adaptive Digital Chaotic Key Generator" AEAS 49th annual conference Dec. 27th-29th, 2022, at Ain Shams University, <http://www.aeascholars.org>
Dr. Mohamed Attalla Conference Chair, City University of New York, USA
- 3- Dalia N. Elshaekh ^{a,b,*}, Hesham A. Mohamed ^c, Heba A. Shawkey ^d, Somaya I. Kayed ^e
"Printed circularly polarized spilt ring resonator monopole antenna for energy harvesting" International Conference on Smart Cities ICSC 2023:Vision for The Future, February 27 - March 1, 2023, Cairo Egypt
- 4- Somaya Ismail Kayed, Ghada Farouk Naiem Elsayed, "Optimizing Techniques for using MATLAB HDL CODER" AEAS 49th annual conference Dec. 27th-29th, 2022, at Ain Shams University, <http://www.aeascholars.org>
Dr. Mohamed Attalla Conference Chair, City University of New York, USA.

٥- بتوجيهات من فخامة رئيس الجمهورية ملتقى صناع الوعى حراس الوطن يوم ٢٩-٣-

٢٠٢٢

٦- مؤتمر الكوكب الاخضر يونيو- ٢٠٢٢

٧- التحول الرقمى تبعا لرؤية مصر ٢٠٣٠ ١٤-٥-٢٠٢٢ تبع جامعة الازهر.

مدى مساهمة السيدة الاستاذ المساعد / سمية اسماعيل أحمد عمر قايد فى رفع شأن القسم

العلمى (رأى القسم العلمى)

لقد تم تعيينى كرئيس للقسم منذ ٢٠١٩ أجد أنه يوجد طفرة وزيادة فى أعداد الطلاب والارقام خير دليل

١٦	٢٠١٨-٢٠١٩
٣٠	٢٠١٩-٢٠٢٠
٣٢	٢٠٢٠-٢٠٢١
٩٠	٢٠٢٢-٢٠٢٣

لعدة اسباب :

1-الأهتمام بالتدريبات العمليه والاتفاق مع وكالة الفضاء المصريه لعمل مشاريع التخرج سنويا منذ ٢٠١٩ حتى

الآن

٢- الاتفاق مع مركز بحوث الالكترونيات لعمل مشروع التخرج لعام ٢٠٢٢

٣- الأهتمام بالتدريبات الصيفية فعلى سبيل المثال صيف ٢٠٢٢ تم العمل على ثلاث محاور : تدريب مترو الأنفاق لمدة اسبوعين و الطاقة الذريه لمدة اسبوعين و وكالة الفضاء المصريه طوال الصيف وأقوم بنفسى بمتابعة انتظام الطلاب والتزامهم و تسهيل أى عراقيل تواجههم.

3-الأهتمام بالتدريبات الصيفية فعلى سبيل المثال صيف ٢٠٢١ تم الاتفاق مع مركز بحوث الصحراء والمركز القومى للبحوث الجيوفيزيقيه بحلوان و مركز بحوث الألكترونيات.

4-استحداث دورات تدريبيه صيفيه (1 Embedded System level) داخل المعهد ٢٠٢٢ اشترك بها طلاب الفرقة الأولى وأيضاً طلاب من هندسة شبرا

5-لعظم الدورة طالب الطلاب عمل.(2 Embedded System level)

6-الأهتمام بالمعامل وإحداث ثورة بها لدرجه أن ا.د. فاطمه نويجي استاذ الاتصالات بهندسه عين شمس وعضو لجنه التقييم من قبل الوزارة أشادت بها وأنى اجعل كل كورس به مشاريع لكى يكتمل فهم الكورس مع الطلاب وشارت سيادتها بأنها سوف تقلدنا فى هندسه عين شمس.

7-القيام بنفسها بمتابعه استلام تقارير الجوده من الساده أعضاء هيئة التدريس للشعبتين (الاتصالات و الألكترونيات والحاسبات)لعدد 44 كورس

8-متابعه المشاريع على مستوى كل الفرق لكى تعرض فى مسابقات الوزارة سواء داخل أو خارج المعهد.

9-احضار اساتذه للانتداب وتوفير بديل فى حاله اعتذار اى منهم لأى سبب وكذلك المعيدين.

كل هذا مع متابعه تدريس عدد 4 كورسات كل تيرم و حل أى مشاكل تظهر فى العمل.

الجوائز:

١- تم فوز عدد ٣ فرق من قسمى فى مسابقة حافز الابتكار ٢٠٢٣ المنظمة من قبل صندوق رعاية المبتكرين - وزارة التعليم العالى و البحث العلمى.

٢- فوز فريق مشروعى لعام ٢٠١٩ بالمركز الثالث فى مسابقة نادى العلوم عن مشروع تحت اشرافى Large scale 3D printer