Dr.Anwar Hassan Ibrahim

Curriculam Viate

Associate Professor, Senior Lecturer position allowing Educational lectureship and undergraduate & graduate supervision proven by 10 years of successful career records

Anwar
12/4/2015

<div align="center">**CURRICULUM VITAE**</div>

OBJECTIVE

During my working career, I have held positions of responsibility and have enjoyed workingwith people from all different jobs of life. I have gained experience in dealing with people, assessing situations and helping where and whenever required. I can expand my knowledge while using my qualification. I offer honesty, integrity and look forward to furthering teaching.

PERSONAL DATA

Name: **Dr.Anwar Hassan Ibrahim**
Date of Birth: 1st January 1974
Place of Birth: Alsuki - Sudan
Gender: Male
Language English: language, Speaking, and research
Arabic: language, Speaking
Malaya: language, mother tongue
Religion: Islam
Marital Status: Married
Residency Status: Work permit - ministry of higher education - KST
Address: Buraidah. Qassim. Saudi Arabia
HP:+966559037329
Email: an1_2@ yahoo.com

EDUCTATION

A. **Higher Education**

- **PhD** inElectrical, Electronic andSystems Engineering (**Telecommunication Engineering**) (National University of Malaysia (UKM) – Faculty of Electrical, Electronic and Systems Engineering.

- **MEng: Master**in Electrical, Electronic andSystems Engineering (**Computer and Communication**) - Universiti Kebangsaan Malaysia (ukm) – Faculty of Electrical, Electronic andSystems Engineering).

B. **University Education**

- **Bachelor** (Sudan University For Science and Technology – electrical). 2000

C. **Pre-University Education**

- **Primary School** (Sudan-Alsuki primary school, Sinnar).
- **Secondary School** (Sudan- Abo Ela Secondary School).
- **Higher School**(Sudan-Aldamazin Higher School).

D. Working Experience

- 1 March 2016 up to date: **Advisor**. Engineering Student club. College of Engineering. Qassim University. Saudia Arabia.

- 1 September 2015 up to date: **Coordinator**. Department of Electrical and Electronics Engineering. College of Engineering. Qassim University. Saudia Arabia.

- 1 january 2015 up to date: **Coordinator**. Quality Assurance. Department of Electrical and Electronics Engineering. College of Engineering. Qassim University. Saudia Arabia.

- 1. November 2014 up to date:. **Assistant Professor**. Department of Electrical and Electronics Engineering. College of Engineering. Qassim University. Saudia Arabia.

- 1. January.2011 – November 2014: **Head of Postgraduate Programme (EE).** Department of Electrical and Electronics Engineering. School of Engineering and Technology Infrastructure. Infrastructure UniversityKuala Lumpur (IUKL).
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- 1. January.2011 – November 2014: **Head of Diploma in Electronics and Communication Engineering.** Department of Electrical and Electronics Engineering. School of Engineering and Technology Infrastructure. Infrastructure UniversityKuala Lumpur (IUKL).

- 2. November.2010 – November 2014: **Lecturer, Head of Diploma in Electrical and Electronics Engineering.** Department of Electrical and Electronics Engineering. School of Engineering and Technology Infrastructure. Infrastructure UniversityKuala Lumpur (IUKL).
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- 2. November.2009 – November 2014: **Lecturer.** Department of Electrical and Electronics Engineering. School of Engineering and Technology Infrastructure. Infrastructure UniversityKuala Lumpur (IUKL).

- 1.11.2007 – 02.11.2008. **Visiting Lecturer** – College of Science& Technology. University Technology Malaysia International Campus (UTM - International Campus). JLN Semarak. 54100 Kuala Lumpur, Selangor – Malaysia

- 1.12.2004 – 25.2.2007: **Tutor** - Electrical, Electronic and system Engineering. University Kebangsaan Malaysia.

- 2001-2002: **Teacher** subject of Engineering Science, mathematics, physical and basic of computer – (Omdurman Higher Schools for boys- Sudan).

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E. Expertise

E.a   Research

- Mobile and Personal Communications

- RF Communication and Wireless Sensor Network

- Antenna and Propagation

E.b   Proficiency

- Corriculm Development

- Strategic Planning

- Teaching and Coaching

- E-learning

- Modeling

- Analysis

- Team Building

- Management

- Project Management

- Public Speaking

1. **TEACHING, SUPERVISION AND INDUSTRY EXPERIENCE**

   A. Undergraduate Subjects Taught

   1. Computer Organization (BEE 211)
   2. Computer Architecture (BEE 310)
   3. Telecommunication Network (BEE 408)
   4. Circuit Theory (BEE 101)
   5. Circuit Theory Laboratory (BEE 103)
   6. Basic Communication (DEE 311)
   7. Electrical Measurement and Instrumentation (DEE 217)
   8. Circuit Theory Lab1 (DEE 220)
   9. Circuit Theory Laboratory (DEE 210)

10. Wireless Network (BEE 404)

11. Computer Organization And Architecture (BEE 313)

12. Data communication Engineering (DEE 323)

13. Engineering Electronic 1 (BEE104)

14. EngineeringElectronic II (BEE107)

15. Building and Services (BEC220)

B. POSTGRADUATE SUPERVISION

No	Student Name	Matric	Title
1.	MORAKINYO DADA	111907528	WIMAX NETWORK INTERFACE MANAGEMENT AT CELLULAR EDGE USING FRACTION FREQUENCY
2.	SURENDRAN A/L BALAN	103006850	RF ID POWER METER
3.	WALID FITOURI ALI ALAWER	132911328	RAY TRACING TOOLS FOR RF EBT DISTRIBUTION
4.	FAHAD SAID	132911081	IMPROVEMENT OF SECURITY RISK MANAGEMENT OF DAHABSHIIL REMITTANCE

C. UNDERGRADUATE SUPERVISION

No	Student Name	Matric	Title
1	AJAO HAZZAN	073902078	STUDY AND ANALYSIS OF WIRE BONDWIDTH CONTROL FOR IC DESIGN
2	LIM CHIAN LONG	K1070299	STUDY AND ANALYSIS OF WCDMA SYSTEM USING OVSF CODE COMPARING WITH PN CODE
3	MOHAMMED HUSSAIN ALI	092904614	PERFORMANCE EVALUATION OF DIFFERENT SPREADING CODE IN CDMA
4	SHAFI'I MO'ALLIM ALI	082903172	PERFORMANCE ANALYSIS AND SIMULATION OF CDMA SYSTEM USING DSSS.
5	LUQMAN BIN MOHAMMAD NAZZERI	092004532	TEXT HIDDEN IN PICTURE USING STEGANOGARAPHY
6	KHAIRUDDIN JAAFAR	082002866	DOWN CONVERT SIGNAL USING FIR

			FILTER
7	MUSAB EZZELDIN OMER	091904005	A COMPARATIVE STUDY OF CDMA SYSTEM USING DSSS AND FHSS
8	FAAM BIN KHALI	073002124	AN ANALYSIS OF A NEURAL NETWORK-BASED FACE DETECTION SYSTEM
9	CHRISTELLE AWONA ESSAMA	073002124	A STUDY ON SPIKING NEURAL NETWORKS AND ITS APPLICATION
10	NAVEEN A/L SEVAGREU	081002572	A STUDY ON FUZZY CLUSTERING SYSTEM AND ITS APPLICATION.
11	SANKARA S/O SIVALINGAN	083003565	DOOR SECURITY CONTROL USING RFID AND KEYPAD
12	LUGMAN MD NOR	93005228	DATA ANALYSIS AND SIMULATION FOR FIBER OPTIC DESTINATION
13	OMAR ABDUL AZIZ	091904046	THE PERFORMANCE OF QPSK MODULATION SCHEME WITH GRAY CODE VIA NOISY RAYLEIGH CHANNEL
14	ABDULLAH HUSSEIN MUSAD	092904202	POINT TO POINT WIRELESS LINK PROPAGATION MODEL
15	MOHAMAD ABBAS ALTAYB	092904577	PERFORMANCE ANALYSIS AND SIMULATION OF RAKE RECEIVER UNDER WORSE SCENARIO
16	NASR MOHAMMED SAEED	10190651	THE EFFECT OF MULTIPLE ACCESS INTERFACE ON PERFORMANCE OF DS-CDMA IN VARIOUS NOISE ENVIRONMENT
17	VENODRAJ A/L MUNIYANDY	093005458	AN INTEGRATED METHOD FOR DOOR ACCESS SECURITY SYSTEM
18	SAHAR BABIKIR MOHAMED	093905410	PERFORMANCE STUDY AND SIMULATION OF MC-CDMA IN RAYLEIGH CHANNEL.
19	MOHD AFIQ BIN ABD KADIR	091003944	WATER LEVEL DETECTION USING WIRELESS SENSOR NETWORK
20	IBRAHIM ISA	101905893	PERFORMANCE STUDY AND WIMAX USING ADAPTIVE MODULATION VIA RAYLEIGH CHANNEL
21	HAAMIDAH BT MUSA	092004414	COMPARATIVE STUDY OF TEXT HIDDEN IN PICTURE USING STEGANOGARAPHY WITH DIFFERENT ALGORITHMS

22	ABDULLAH ALAWI ABDULLAH MUNASSAR	103907045	IMPULSIVE NOISE REDUCTION IN WIRELESS COMMUNICATION SYSTEMS
23	ASIM OMAR MOHAMMED	101005550	PERFORMANCE ANALYSIS OF FULL SPEED TRAFFIC FOR GSM CHANNEL SIMULATION
24	MUSTAF ALI ROBLE	112907871	PERFORMANCE ANALYSIS OF BPSK SIMULATION FOR AWGN CHANNEL AND RAYLEIGH FADING WIRELESS CHANNEL.
25	ABDELRAHMAN MOHAMED BALA	092904189	WIRELESS SMOKE DETECTION SYSTEM USING RADIO FREQUENCY AND GSM NETWORK.
26	RASHID EMAD MAHMOD MOKHTAR	091904065	SIMULATION AND PERFORMANCE OF SOFT-DECISION VITERBI DECODING OVER AN AWGN CHANNEL
27	PRADEEBH A/L KRISHNA PRASAD	112007791	INTEGRATED METHOD FOR DOOR ACCESS SECURITY SYSTEM USING RFID
28	MAAROF ABDULLAH MAAROF	101905646	ALTERNATIVE APPROACHE TO PROPAGATION ANALYSIS USING MATHEMATICAL APPROACH
29	HAMAM MOHAMED HAMED MAHMOUD HAMID	111907574	PERFORMANCE EVALUATION OF LOS LINK PLANNING FOR PTP SYSTEM
30	HUSSAM ABDALLA IDRIS EBRAHIM	114908632	COMPARATIVE STUDY OF ANODR AND ZRP ROUTING ALGORITHM
31	MOHAMED HASSAN MOHAMED	114908521	CORRELATION BETWEEN AODV AND SLV ADHOC NETWORK
32	OMER AHMED ELBASHIR	112907857	ALGORITHM DEVELOPMENT IN STRUCTURE BASED ADHOC SECURITY NETWORK

C. Industry Experience

- 1.8.1999 – 2.1.2000. Practical Training - Sudanese Transformer Factory– Khartoum

2. SERVICING UNIVERSITY COMMUNITY (UNIVERSITY)

A. Academic Adminstration

1. Head of Postgraduate Programme (**HOPP-EE**)

2. Head of Diploma in Electronics and Communication Engineering (**DEC**)Programme

3. Head of Research and Publication (**HRP**)

B. University Committee

1. Internal QaulityAuidit (IQA) and University Strategic Planning Committee
2. MOU (UNITEN-UTP-IUKL) – Steering Committee
3. Postgraduate Committee
4. Research Management Center (RMC): Research Coordinator

C. School/Faculty Committee

1. School ManagementCommittee
2. Curriculum Development programme (CDP) Committee
3. Hybrid energy group (UNITEN-UTP-IUKL)
4. Identify linkage with college mission or strategic planning
5. Establish educational goals and policies for the faculty in the University, consistent with the requirements of thestratic goals.

D. Department Committee Level

1. Department ManagementCommittee
2. Curriculum Development programme (CDP) Committee
3. Final Exam Mderator
4. Engineering Accreditation Counncil (EAC)ManagementCommittee
5. Indutrial Visit
6. Student AdvisoryPannel
7. Identify standards of the discipline/accreditation issues
8. Identify linkage with department mission/strategic plan
9. Verify that specialized accreditation standards have been met
10. Review course descriptions for accuracy (from latest catalog version)

E. RepresentingIUKL

1. Represent IUKL for Graduation ceremony (University of Portsmouth 2011)

2. IUKL football Team (ISCAR 2010)

3. IUKL football Team(ISCAR 2011)

4. IUKL Vollyball Team (ISCAR 2011)

5. IUKL football Team (ISCAR 2012)

6. IUKL football Team 2012(Network Games 2012 – Organized by UNITEN)

7. IUKL football Team (PROSCAR 2013)

8. IUKL football Team (PROSCAR 2014)

F. Service Community

1. IUKL Sudanese Student advisor (2010, 2011and 2013)

2. Sudanese Embassy Advisory Council (2011, 2012 and 2013)

3. Review for logistical effects on EE departmentstudents (Ntional and International)

4. RESEARCH & PUBLICATION (RESEARCH)

A. Research Funded by the University

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B. Self Funded Research

- My PhD Research
- Master project on: performance analysis and simulation of OVSF code tree allocation scheme for W-CDMA system (UniversitiKebangsaan Malaysia).
- Undergraduate project on: Auto Transformer Design by using natural aircooling (Sudanese Transform Factory). Sudan University forScience and Technology (SUST).

2. PUBLICATION

A. Selected Journals

1. Mohammed F. Alsharekh. **Anwar H. Ibrahim** and Muhammad Islam. SOM Attributes for a Ubiquitous P2P Communication in Wireless LAN Application. Trends in Applied Sciences Research, 2016 (**Submitted for publication**)

2. Mohammed F. Alsharekh · Muhammad Islam · **Anwar H. Ibrahim** · Rehanuallah Khan · Shabana Habib. Bit Error Rate Performance of RFID Signal in SDR Communication. Journal of Applied Sciences. 16: Pp:161 – 166. March 15, 2016.

3. **Anwar Hassan Ibrahim**. Promoting Deep Understanding Through Industrial Visit And Assessment: A Focus On Communication Principles Course And Educational Contexts. International Journal Of Scientific Research And Education. Volume 3 Issue 9. Pp: 4437-4441. September 2015.

4. **Anwar Hassan Ibrahim**, Rizwan A Muhammad., Mohammed S. Alshitawi., Abdulaziz B. Alharbi., and Abdulrahman F. Almarshoud. Intelligent Green House Application Based Remote Monitoring for Precision Agricultural Strategies: A survey. International Journal of Applied Sceince: 71218-JAS-ANSI. 2015.

5. **Anwar Hassan Ibrahim**, Leo Udeji & Hon Kah Wye Design and Implementation of Robot Based Mobile Application for Humidity and Temperature Measurement. International Journal of Innovation and Applied Studies. IJISR (ISSN: 2351-8014) - 2015.

6. **Anwar Hassan Ibrahim**, Leo Udeji & Hon Kah Wye. Temperature and Humidity Monitoring System Using Robot via Smart Phone. IJREAT Interantion Journal of Research in Engineering & Advanced Technology, Volume 3, Issue 2. ISSN: 2320-8791. 2015

7. **Anwar H. Ibrahim**, Ibrahim Isa, HonKah Wye & A. RazakYaacob.Performance analysis and simulation of adaptive modulation techniques of the WIMAX network via AWGN channel. International Journal of Imaging and Robotics (Q4). December 2013.

8. **Anwar H. Ibrahim**, Ibrahim Isa, HonKah Wye & A. RazakYaacob. Performance analysis and simulation of adaptive modulation techniques of the WIMAX network via AWGN channel. Australian Journal of Basic and Applied Science. December 2013.

9. **Anwar H. Ibrahim**& Waleed M. Ibrahim. Text Hidden in Picture Using Steganography: Algorithms and Implications for phase Embedding and Extraction Time. International Journal of Information Technology & Computer Science (IJITCS) (ISSN No : 2091-1610) Volume 7 : No : 3 : 2013.

10. **Anwar Hassan Ibrahim**, Mahamod Ismail, Kasmiran Jumari. Link Quality Based Traffic Queue Management at the 5.8 GHz World of Computer Science and Information Technology (WCSIT) ISSN: 2221-0741Vol. 2012.

11. **Anwar Hassan Ibrahim**, Mahamod Ismail, Kasmiran Jumari and Tiong Sieh Kiong. Traditional Software Development of WLAN Propagation Model, Journal of Electrical Engineering & Technology Vol.2, No. 1 or Vol.2, No.2 .June 2007.

12. **Anwar Hassan Ibrahim**, Mahamod Ismail, Kasmiran Jumari and Tiong Sieh Kiong. Traditional Software Development of WLAN Propagation Model, European Journal of Scientific Research, Volume 16, No 4 April, 2007.

13. **Anwar H. Ibrahim**, Mahamod Ismail, Kasmiran Jumari and Tiong Sieh Kiong. Development of a User-Friendly Application for LOS link Optimization, Asian Network for Scientific Information - Information Technology Journal 6 (1): 124 – 129, ISSN 1812-1638. 2007.

14. **Anwar Hassan Ibrahim**, Mahamod Ismail, Kasmiran Jumari and Tiong Sieh Kiong. Simple Method for Outdoor LOS Propagation Model Using Ray Tracing Tools, Asian Network for Scientific Information - Journal of Applied Sciences 6(12): 2652-2656,. ISSN 1812 -5654. 2006.

B. Selected Conferences

1. **Anwar H. Ibrahim,** Muhammad Islam Khan and Mohammed F. Alsharekh. Migration from LTE to Outernet: Trends, Implementation & Opportunities in Saudi Arabia. 2nd International Conference and Business Expo on Wireless & Telecommunication. April 21-22, 2016. The Oberoi Centre, UAE, Dubai.

2. **Anwar Hassan Ibrahim. Venod, K.** Keylock security management using keypad and RFID verification. International Conference in Engineering, Information Technology, and Sceince (ICEITS2014). 3rd - 4th December 2014. Sunway Resort Hotel. Bandar Sunway. 2014. **Malaysia.**

3. **Anwar Hassan Ibrahim**, Text Hidden in Picture Using Steganography: Algorithms and implications for phase embedding and extraction time. 2nd International Conference on Advance in Computing and Emerging E-Learning Technologies (ICAC2ET 2013). January 18-19, 2013. **Singapore**.

4. **H. I. Anwar**,Isa.I, and K. W. Hon. A. Razak. Performance analysis and simulation of adaptive modulation techniques of the WIMAX network via AWGN channel. 2thInternational Conference on Engineering and Technology 2013 (ICET 2013). 12th to 13th December 2013. Ayodya Resort, Bali, **Indonesia**.

5. Ajao Hazzan, **Anwar Hassan Ibrahim**. Advance Wire Bondwidth Control for IC Design", Nanotech Malaysia 2010: International Conference on Enabling Science and Nanotechnology (escinano2010). December 1 to 3, 2010 at Kuala Lumpur Convention Centre, Kuala Lumpur, **Malaysia**.

6. El-Saleh, A.A., Ismail, M., Ghafoor, O.B.A., **Ibrahim, A.H** Comparison between overlay cognitive radio and underlay cognitive ultra wideband radio for wireless communications. Proceedings of the 5th IASTED Asian Conference on Communication Systems and Networks, AsiaCSN 2008. April 2 – 4, 2008. Langkawi, **Malaysia**

15. **Anwar Hassan Ibrahim**, propagation prediction for WLAN link Line-of-sight. 3rd International Conference on Postgraduate Education (ICPE-3 '08). 16–17 December 2008. Gurney Resort Hotel & Residences. Penang, **Malaysia**.

16. **Anwar Hassan Ibrahim**, Mahamod Ismail, Kasmiran Jumari and Tiong Sieh Kiong, Ray Tracing Tools Method for LOS Propagation Prediction. International Wireless

and Telecommunications Symposium (IWTS'06). May 16-17, 2006. Grand BlueWave Hotel, Shah Alam, IEEE **Malaysia**.

17. **Anwar Hassan Ibrahim**, Mahamod Ismail, Tiong Sieh Kiong, Zoorina bee Kadir. Amatlab GUI for RF Line-of-Sight Propagation. International Conference on Modeling and Simulation 2006 (MS2006), University of Malaya, Kuala Lumpur, April 3 - 5, 2006. **Malaysia**.

18. **Anwar Hassan**, Mahamud Ismail, Imitation of OVSF Code Tree Allocation Scheme for W-CDMA System Comparisons with PN Code. 3rd International Conference, 3RD International Conference: Sciences of Electronic, Technologies of Information and Telecommunications (SETIT), march 27-31, 2005 – IEEE **Tunisia**.

19. **Anwar Hassan**, Mahamod Ismail, Tiong Seih, Zoorina bee Kadir and Jyong Tan. Propagation Model for Wireless LAN intelligent Traffic Management System using 5.8 GHz, the 8th International conference on quality in research (QIR 2005), University Indonesia, Jakarta - indonesia, 9 august 2005. IEEE **Indonesia**.

20. **Anwar Hassan**, Mahamod ismail, M.abdased and Tiong Sieh Kiong. Multiuser detection for CDMA using genetic algorithm. International Conference on Robotics, Vision, Information and Signal Processing (ROVISP 2005), USM Penang, 20 – 22 July 2005. **Malaysia**.

21. **Anwar Hassan Ibrahim**, Mahamod Ismail, Tiong Sieh Kiong, Zoorina bee Kadir. Development of Software Planning Tools for intelligent Traffic Management System via 5.8 GHz Wireless Communication link. Asia – Pacific Conference on Applied Electromagnetics (APACE 2005), UTM, Johor Bahru, Hyatt Regency. Malaysia. December 12 - 13, 2005. IEEE **Malaysia**.

22. **Anwar Hassan**, Mahamud Ismail, A Comparison between PN Code and OVSF Code Tree Allocation Scheme for W-CDMA Systems Sixth Industrial Electronic Seminar (IES'2004) Campus EEPIS-ITS, October 12, 2004. Surabaya, **Indonesia**.

23. **Anwar Hassan**, Mahamud Ismail, Performance Analysis and Simulation of OVSF Code Tree Allocation Scheme for W-CDMA System, 3rd National Technical Postgraduate Symposium (TECHPOS'04) 15-16 December 2004. Armada Hotel, Petaling Jaya, Selangor. **Malaysia**.

3. **ACADEMIC RECOGNITION, SKILLS AND LEADERSHIP**

   A. **Academic Awards**

   - **Silver Medal**. Software Planning Tools for Intelligent Traffic Light Management System at 5.8 GHz. Pertandingan Rekaciptadan Inovasi Institusi Pengajian Tinggi Swasta (PERINTIS2014).**10thSeptember 2014.**

   - **Bronze Medal**. Pertandingan Rekaciptadan Inovasi Institusi Pengajian Tinggi Swasta (PERINTIS2014).**10thSeptember 2014.**

- **Silver Medal**. Design of Microstrip Moisture Sensor for Rice Grain. Infrastructure University Innovation & Invention Competition (ITEX2014)**. 8th – 10th may 2014.**

- **Silver Medal**. Development of Microstrip Moisture Sensor for Rice Grain. Infrastructure University Innovation & Invention Competition (IUIIC2013).**10thSeptember 2013.**

- **Best Final Year Project**: (Undergraduate project on: Auto Transformer Design using natural aircooling (done in Sudanese Transform Factory). Sudan University forScience and Technology (SUST). 2000.

B. Skills

- Sound Knowledge of writing scientific,working,technical papers for conferences,workshops,forum,dialogue both externally & internally.

- A mastery of Computer Applications and Information Technologies (such as Word, PowerPoint, Excel, Access, and Internet).

- An aptitude to effectively transfer technical knowledge and maintain effective and cooperative relations with national authorities, as well as capacity to handle sensitive issues with discretion in a multicultural environment.

- Excellent writting and Oral Communication skills.

- Ability to work as part of a team

- Experience in admistration and conducting training courses and workshops

- Good Interpersonal skills, energetic, dependable, and detail-oriented.

- Ability to multi-task, to meet deadlines, and work well under pressure with minimum supervision.

- Ability to exhibit a high degree of initiative, tact, and judgment in handling confidential information and ambiguous situations.
- Proven ability to develop and communicate practical solutions to telecommunication problems.

- Strategic Planning Team (Infrastructure University Kuala Lumpur - university Level).

- Resolve appropriate academic issues identified during functional reviewand forward proposals to Academic Affairs Curriculum Council (AACC).

C. ACHIEVEMENTS

- Assist in developing an Intelligent Traffic Light Management System for newly established system in year 2006 (Funded byMalaysian government), with the supervision of Prof.Dr.Mahamod Ismail (UKM- Malaysia) and Prof.Dr.RezaAtiq (Traffic Light Expert – UKM Malaysia). *Completetd*.

- Curriculum Development: Master in Electronics Engineering (By Research) *Completetd and fully accredited*. IUKL-Malaysia

- Curriculum Development: Master in Electronics Engineering (By Mixmode) – *Completetd and fully accredited.IUKL-Malaysia*

- Curriculum Development: PhD in Electronics Engineering (By Research) - *Completed and*Plan to *Submitt for accreditation soon. IUKL-Malaysia*

- Curriculum Development: Diploma in Electronics and Communication Engineering (By Research) *Completetd and fully accredited*. IUKL - Malaysia

- Strategic Planning Team (Infrastructure University Kuala Lumpur - university Level)

D. Assesor / Examiner

- Undergraduate projects
- Postgraduate Thesis

A. Visiting Academic / Felowship

- Visiting Lecture (UTM – International Campus – JLM Semarak–2007 - 2008)

B. Referee Article/Journals/Academic Papers/ Technical Evaluation Committees

1. Confereneconvenor (IICON2014)
2. RefereeinSpie Articles: http://spie.org/profile/Anwar.Hassan-Ibrahim-68729
3. **Treasure:** 5th Student Conference on Research and Development (SCOReD 2007), Permata Bangi, Malaysia 11-12 December 2007.
4. **Reviewer:** International Journal of Research in Engineering and Technology [IJRET].
5. **Reviewer:** American International Journal of Contemporary Scientific Research (AIJCSR).

6. **Reviewer:** Journal of Sensor Technology (JST)

7. **Reviewer:** World of Computer Science and Information Technology (WCSIT)

8. **Reviewer:** International Journal of Computer Science Issues (IJCSI)

9. **Editorial Board:** International Academy of Arts, Science & Technology (IAAST).

10. **Reviewer**: The 14th International Arab Conference on Information Technology (ACIT'2013). Sudan. Khartoum, December 17-19, 2013.

11. **Board Members and Reviewer**: International Journal of Computer & Orgnanization Trends (IJCOT).

12. **Reviewers Committee**. International Journal of Computer Science Issues (IJCSI)

C. Invited/Guest Speaker

1- Trainer: MATLAB Tutorial of Fundamental Programming, University Kuala Lumpur (UNIKL). 16, 17 and 18 july 2007.

2- Trainer: MATLAB Workshop, Faculty of Engineering, Universiti Kebangsaan Malaysia. 5 – 6 September 2006.

3- Research Motivation and Time Management for Postgraduate Students (National University of Malaysia). 2014.

4- Research Motivation for Postgraduate Students (National University of Malaysia) 2013.

5- Final Year Project: Probem Define and objectives organized by Sudanese Society in IUKL 2013 (Ifrastructure University Kuala Lumpur).

6- Research Motivation and time frame for Postgraduate Students (Ifrastructure University Kuala Lumpur) 2014.

7- The important of Electrical Engineering in our life. Student Club. College of Engineering. Qassim University. 2015.

D. Professional Association

1. MIEEE (Member in International Electrical Electronic Engineering).
2. MIET (Member in the Institution of Engineering and Technology)
3. MSES (Member in Sudan Engineering Society).

4. WLANG (Member in Wireless Local Area Net Work Group).

5. MMSDN (Member in Microsoft Developer Network).

6. InternationalAssociation of Computer Science And Information Technology (IACSIT)

E.   Leadership

1. 2007/2008 Vice Chapter Chair (IEEE UKM student Branch)
2. 2007/2008 Committee Member (UKM Postgraduate Society)
3. 2007/2008 Committee Member (Post Graduate Society – Faculty of Engineering - UKM)/
4. 2006/2007 Vice Chapter Chair (IEEE UKM student Branch)

4. REFERENCES

Professor Dr. Mahamod Ismail
Jabatan Kejuruteraan Elektrik, Elektronik dan Sistem,
Fakulti Kejuruteraan dan Alam Bina
UniversitiKebangsaan Malaysia, 43600 Bangi, Malaysia
Tel: 603-8911 8014   mahamod@eng.ukm.my

Professor Dr. Kasmiran Jumari
Jabatan Kejuruteraan Elektrik, ElektronikdanSistem,
Fakulti Kejuruteraan dan Alam Bina
Universiti Kebangsaan Malaysia, 43600 Bangi, Malaysia
Tel: 603-8911 6307kasmian@eng.ukm.my

Assoc. Prof. Ir. Dr. Mandeep Singh
Jabatan Kejuruteraan Elektrik, Elektronik dan Sistem,
Fakulti Kejuruteraan dan Alam Bina
Universiti Kebangsaan Malaysia, 43600 Bangi, Malaysia
Tel: 603-8911 6310   mandeep@eng.ukm.my

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nagmeldin@sudanmail.com

ALL CERTIFICATES ARE AVAILABLE UPON YOUR REQUEST