Curriculum Vita

1. **Name:** Dr. Sinan Ghassan Abid Ali

2. **Field of specialization:** Electrical Engineering/Communication networks

3. Scientific grade: lecturer.

4. **Date of birth:** 06 Jan. 1979, Basrah, Iraq.

5. **Address:** Iraq University College, Basrah,

   Email: dr.sinan@iraquniversity.net

6. **Place of work:** Iraq University College, Basrah, Iraq.

7. The University degrees:

(i) BSc. in Information Engineering 2002, Baghdad University, College of Engineering, Iraq.

(ii) MSc. in Computer Engineering 2006, Baghdad University, College of Engineering, Iraq

(iii) PhD. in Electrical Engineering, 2017, UiTM University, College of Engineering, Malaysia.

8. Languages: Arabic & English (IELTS = 6 of 9).

9. Fields of research:

1. Telecommunication (4th Generation of cellular networks)

2. Computers algorithms.

10. Teaching

IRAQ University College (Oct. 2018 – present)		
Subjects	**Level**	**Dept.**
Programmable Logic Control	Third level	Computer Eng.
Digital Electronics	Third level	Communication Eng.
Logic Design	First level	Technical Eng.
Advance Digital Electronics	Fourth level	Technical Eng.
Computer Networks	Third level	Comp. & Comm. Eng.

11. Published papers: (8)

- o S. G. A. Ali et al., "An interference mitigation scheme for LTE based femtocell networks," AIP Conference Proceedings, Vol. 1774 Issue 1, 2016, pp. 1-7.

- o S. G. A. Ali, M. Dani Baba, and M. A. Mansor, "Resource Block Preserver Scheduling Algorithm for VoIP Applications in LTE Networks," in Control and System Graduate Research Colloquium (ICSGRC), 2015 IEEE 6th, 2015, pp. 146-150.

- o S. G. A. Ali, M. Dani Baba, and M. A. Mansor, "RB preserver downlink scheduling algorithm for real-time multimedia services in LTE networks," in Computer Applications & Industrial Electronics (ISCAIE), 2015 IEEE Symposium on, 2015, pp. 21-26.

- o S. G. A. Ali, M. Dani Baba, M. A. Mansor, and L. M. Abdullah, "Performance analysis of resource block preserver scheduling algorithm for the downlink in LTE networks," in Computer Applications & Industrial Electronics (ISCAIE), 2015 IEEE Symposium on, 2015, pp. 15-20.

- o S. G. A. Ali, M. Dani Baba, M. A. Mansor, and L. M. Abdullah, "An IMS signalling module for LTE-based femtocell networks," in Control and System Graduate Research Colloquium (ICSGRC), 2014 IEEE 5th, 2014, pp. 247-252.

- S. G. A. Ali, M. D. Baba, M. A. Mansor, and L. M. Abdullah, "SIP based IMS registration signalling for LTE-based femtocell networks," in Control and System Graduate Research Colloquium (ICSGRC), 2014 IEEE 5th, 2014, pp. 25-30.
- S. G. A. Ali, M. D. Baba, L. M. Abdullah, "Studying IMS Signalling in LTE-Based Femtocell Network," International Journal on Recent Trends in Engineering & Technology, vol. 11, no. 1, pp. 102-111, 2014.
- Sinan G. Abid. Ali, Nidhal e. Berbat, and Sufyan T. Faraj, "Investigation of Java smart card technology multi-task applications," Journal of university of Anbar for pure science, vol. 2, no. 1, pp. 12-23, 2008.

12. Seminars and Training program presented:

- An Interference Mitigation Scheme for LTE Femtocell Networks.
  Conference at ICASET, Penang, Malaysia, Dec. 2015.
- Resource Block Preserver Scheduling Algorithm for VoIP Applications in LTE Networks.
  Conference at ICGRC, Shah Alam, Malaysia, August 2015.
- RB preserver downlink scheduling algorithm for real-time multimedia services in LTE networks.
  Conference. at ISCAIE, Langkawi, Malaysia, April 2015.
- Performance analysis of resource block preserver scheduling algorithm for the downlink in LTE networks.
  Conference at ISCAIE, Langkawi, Malaysia, April 2015.
- An IMS Signalling Module for LTE-based Femtocell Networks.
  Conference at ICGRC, Shah Alam, Malaysia, August 2014.
- SIP Based IMS Registration Signalling for LTE-based Femtocell Networks.
  Conference at ICGRC, Shah Alam, Malaysia, August 2014.
- A Novel Graph Coloring Algorithm for Resource Allocation in Large-scale Wireless Networks.
  Conference at ICNSE, Kyoto, Japan, May 2014.

- A Novel Scheme to Resolve PCI Conflicts and Assignment Problems in LTE-Femtocell Networks.
  Conference at ICSET, Shah Alam, Malaysia, August 2013.
- The LTE-Sim: an Open Source Simulator.
  Workshop at UiTM, Shah Alam, Malaysia, November 2013.
- The Java Smart Card: Technology and Applications.
  Workshop at Baghdad University, Baghdad, Iraq, June 2005.

13. **Employment history:**

No.	From	To	Details
1	Oct. 2018	present	working as a lecturer in IRAQ University College.
2	June 2011	May 2012	Worked in PowerWell Sdn. Bhd (Malaysia) as IT engineer responsible for design, develop and maintain the company programs as well as employees training for these programs. Moreover, maintenance of company workstations.
3	August 2010	Dec 2010	Worked (part time) in Kasturi international collage (Malaysia) as operator executive responsible for examination unit.
4	June 2007	June 2010	Worked in Dynamic Direction Sdn. Bhd (Malaysia) as IT Engineer responsible for company software development and database maintenance.
5	1999	2005	Worked in NAWAFETHE for Computer Bureau (IRAQ) as operator executive responsible for maintenance for computer software and programs.