

CURRICULUM VITAE



Highlights:

GOLD MEDALS

1. Gold Medal Award for Outstanding Contribution in Statistics, conferred by the Islamic Countries Society of Statistical Sciences (ISOSS), 2005.
2. Gold Medal Award for fidelity to the Nation (*Satya Lencana Karya Satya XXX*), conferred by the President of the Republic of Indonesia, 2005.

ACHIEVEMENT IN PROFESSIONAL CAREER

1. Consultant at The World Bank (in data quality), 2009.
2. Director, Centre for Research in Statistics and Data Analysis, Tjahaja Bina Statistika Indonesia, Ltd. P (*Commanditaire Vennootschap*), since 2016
3. Board of Experts, Indonesian Lecturers Association, 2017-2022
4. APEC (Asia-Pacific Econophysics Conference), Scientific Board (Indonesian rep.), since 2016
5. Research Fellow (UDQ5 similar to VK5), Institute for Mathematical Research (INSPEM), Universiti Putra Malaysia, 2014 – 2016.
6. Visiting Researcher, INSPEM, UPM, many times in 2004 – 2014.
7. Visiting Researcher, Curtin University of Technology, Perth, Australia, 1998.
8. Recognition from CDGDC (China Academic Degrees and Graduate Education Development Centre) as a representative of global academic peer according to the publication statistics from Clarivate Analytics (formerly the IP & Science business of Thomson Reuters), 2017
9. Recognition from UNESCO-AEGIS (Australian Experts Group in Industrial Study) as activist in scientific knowledge production in Asia-Pacific region, 2005.
10. Excellent Service Award, Faculty of Science, Universiti Teknologi Malaysia, 2013.
11. Award in Consultation, Universiti Teknologi Malaysia, 2011.
12. First General Secretary of MIPANET (Network of Indonesian Higher Education Institutions on Mathematics and Natural Sciences), 2000 – 2004 (two terms).
13. Best Lecturer Award, Dept. of Mathematics, Institut Teknologi Bandung, Indonesia, 2000.

ACHIEVEMENT IN ACADEMIC CAREER

1. Highest rank of Professorship in Indonesia (IV/e) conferred by the President of the Republic of Indonesia, 2000.
2. Highest grade of Professorship in Malaysia (UDQ5 setara VK5: Grade A), Universiti Putra Malaysia, 2014-2016.
3. Director, Graduate School, Indonesian Institute of Education, since 21/01/2019.
4. Adjunct Professor, Universitas Negeri Jakarta, since 01/07/2019
5. Chairman, Council of Professors, Institut Teknologi Bandung, 2007-2008.
6. Secretary, Council of Professors, Institut Teknologi Bandung, 2001-2007.
7. Dean, Faculty of Mathematics and Natural Sciences, Institut Teknologi Bandung, 1997-2000.
8. Vice Dean, Fac. of Mathematics and Natural Sciences, Institut Teknologi Bandung, 1994-1997
9. Head, Department of Mathematics, Institut Teknologi Bandung, 1992-1995.
10. Vice Dean, Faculty of Mathematics and Natural Sciences, Open University, Indonesia, 1988-1990.

Some Details:

A. PERSONAL PARTICULARS

Name : Maman Abdurachman Djauhari
 Present Position : 1. Professor of Statistics
 2. Director,
 Graduate School, Indonesian Institute of Education
 Jl. Terusan Pahlawan 32, Garut 44151, Indonesia
 Phone: +62-81-120-4117
 Email: maman_djauhari@institutpendidikan.ac.id
 3. Director,
 Centre for Research in Statistics and Data Analysis
 Tjahaja Bina Statistika Indonesia, Ltd. P.
 (*Commanditaire Vennootschap*)
 Jl. Kanayakan A-15, Bandung 40135, Indonesia
 Phone: +62-81-120-4117
 Email: maman_djauhari@yahoo.com
 Language Proficiency : Indonesian, English, and French

B. EDUCATION

No.	Degree	University	Field	Year
1	Dr. *)	Université de Montpellier 2, France	Math. Statistics	1979
2	DEA**)	Université de Montpellier 2, France	Math. Statistics	1977
3	Doctorandus	Institut Teknologi Bandung, Indonesia	Pure Mathematics	1974
4	BSc	Institut Teknologi Bandung, Indonesia	Pure Mathematics	1972

*) *Docteur du troisième cycle*

***) *Diplome d'Etudes Approfondie (Master)*

C. PROFESSORSHIP

1. Professor of Statistics, Research Fellow, Universiti Putra Malaysia, 2014-2016
2. Professor of Statistics, Academic Advisor, Universiti Teknologi MARA, 2012-2014
3. Professor of Statistics, Academic Advisor, Universiti Tun Hussein Onn Malaysia, 2012-2014
4. Professor of Statistics, Lecturer, Universiti Teknologi Malaysia, 2009-2014
5. Professor of Statistics, Lecturer, Universiti Malaysia Perlis, 2008
6. Guru Besar of Statistics, Lecturer, Institut Teknologi Bandung, 1999-2009
7. Adjunct Professor, Universitas Negeri Jakarta, 01/07/2019-30/06/2020

D. CHRONOLOGICAL EMPLOYMENT HISTORY

No.	Position	University/Research Centre	Year
1	Director	Graduate School, Indonesian Inst. of Edu	2019 –
2	Director	Centre for Research in Stats & Data Analysis	2016 –
3	Professor	Universiti Putra Malaysia	2014 – 2016
4	Professor	Universiti Teknologi Malaysia	2009 – 2014
5	Professor	Universiti Malaysia Perlis	2008
6	Adjunct Professor	Universitas Negeri Jakarta	2019 – 2020
7	Guru Besar	Institut Teknologi Bandung, Indonesia	1999 – 2009
8	Assoc. Prof.	Institut Teknologi Bandung, Indonesia	1992 – 1999
9	Senior Lecturer	Institut Teknologi Bandung, Indonesia	1985 – 1992
10	Lecturer *)	Institut Teknologi Bandung, Indonesia	1975 – 1985

*) 1975-1979: *Postgraduate students in France*

E. GOLD MEDALS

1. Gold Medal Award for Outstanding Contribution in Statistics conferred by the Islamic Countries Society of Statistical Sciences (ISOSS), 2005.
2. Gold Medal Award for fidelity to the Nation, conferred by the President of the Republic of Indonesia, 2005.

F. PUBLICATIONS

F1. The number of selected publications is listed below

(please visit this account <Maman Djauhari> in *ResearchGate* for more details)

NUMBER OF SELECTED PUBLICATIONS⁺

Year	Journal Nat'l	Journal Int'l	Proceedings Intl Conf.	Thesis/Book	SUM
1974				1 Drs	1
1977				1 DEA	1
1979				1 Dr	1
1981	2				2
1986				1 Book	1
1987				1 Book	1
1988				2 Books	2
1992	1				1
1993	2				2
1994			1		
1995	1		1		1
1996	1				1
1997	2				2
1998	4				4
1999		3			3
2000	1				1
2001		5			5

2002		1			1
2003	1	1			2
2004		1	1		2
2005	1	1			2
2006	1			1 Book	1
2007	2	4	1		7
2008	2	7	2		11
2009		5			5
2010		7			7
2011	1	17	2		20
2012		21	8		29
2013		12	3		15
2014		5	3		8
2015		7	7		14
2016		8	7	1 Book*	16
2017		6	6		12
2018		1	1	3 Book^	2
2019		3		1	
Total	22	115	43	12	193

+ **ResearchGate:** Publication 188, Score 26.24 & Citations 495

* **Title** “*Advanced monitoring techniques for complex process variability in manufacturing industry*” published by UPM Press, Malaysia.

^ **First** “*Reliable Shewhart-type control charts for multivariate process variability*” published by Lambert Academic Publishing, Singapore. **Second** “*Forecasting methods: The needs of policy makers*” published by UPM Press, Malaysia. **Third** “*Traffic burden at Skudai toll plaza: An analysis using complex network*” in Book Chapters, published by UUM Press.

F2. Scholar.Google database: Publications 97, *h*-index 11 & Citations 519.

F3. SCOPUS database: Publications 80, *h*-index 8, Citations 275 & Author ID: 6505943332.

G. REVIEWER

Until the present day, I have been serving as reviewer for 25 international journals listed below.

LIST OF INTERNATIONAL JOURNALS REVIEWED

No.	Name of International Journal	State
1	Journal of Statistical Research	USA
2	Journal of Business and Economics	USA
3	The Quarterly Review of Economics and Finance	USA
4	Expert Systems With Applications	USA
5	Theoretical Economics Letters	USA
6	Advance in Science, Technology and Engineering Systems	USA
7	Physica A-Statistical Mechanics and Its Applications	UK
8	British Journal Economics, Management & Technology	UK
9	Quality Engineering	UK
10	Intl Journal for Computer-Aided Engineering and Software	UK

11	Communications in Statistics – Computation and Simulation	Canada
12	Communications in Statistics – Theory and Methods	Canada
13	Journal of Quality Technology and Quality Management	Spain
14	Journal of Science, Malaysian Academy of Science	Malaysia
15	Journal of Fundamental Sciences	Malaysia
16	Bulletin of Mathematical Science	Malaysia
17	Journal of Science and Technology “Pertanika”	Malaysia
18	Al-Khwaritzmi Intl Journal of Mathematical Sciences	Malaysia
19	Malaysian Journal of Mathematical Sciences	Malaysia
20	Pakistan Journal of Statistics	Pakistan
21	Intl Journal of Graphs and Combinatorics	India
22	Intl Journal of Educational Policy, Research and Review	Nigeria
23	Journal of The Iranian Statistical Society	Iran
24	Intl Journal of Business Intelligence and Data Mining	Indonesia
25	IEJME – Mathematics Education	Russia

H. ACHIEVEMENT IN PROFESSIONAL CAREER

1. Consultant at The World Bank (in data quality), 2009.
2. APEC (Asia-Pacific Econophysics Conference) Scientific Board (Indonesian representative), since 2016.
3. Experts Council, Indonesia Lecturers Association, 2017-2022.
4. Harvard Business School-UTM Twin Program, Lecturer, 2010-2013.
5. Director, Centre for Research in Statistics and Data Analysis (The Bandung Statistical Research Institute), Tjahaja Bina Statistika Indonesia, Ltd. P, since 2016
6. Research Fellow, Institute for Mathematical Research (INSPEM), Universiti Putra Malaysia, 2014 – 2016.
7. Visiting Researcher, INSPEM, UPM, many times in 2004-2014.
8. Visiting Researcher, Curtin University of Technology, Perth, Australia, 1998.
9. Recognition from CDGDC (China Academic Degrees and Graduate Education Development Centre) as a representative of global academic peer according to the publication statistics from Clarivate Analytics (formerly the IP & Science business of Thomson Reuters), 2017
10. Recognition from UNESCO-AEGIS (Australian Experts Group in Industrial Study) as activist in scientific knowledge production in Asia-Pacific region, 2005.
11. Excellent Service Award, Faculty of Science, Universiti Teknologi Malaysia, 2013.
12. Award in Consultation, Universiti Teknologi Malaysia, 2011.
13. External Examiner, PhD final examination, University of La Rochelle, France (in collaboration with Universiti Kuala Lumpur), 2008.
14. External Examiner, PhD thesis examination, University of Malaya, Malaysia, 2011.
15. External Assessor for Professorship, for 4 Public Universities in Malaysia, 2008.
16. Consultant in statistical analysis for Associate Editor of Journal “*BioPharm; The Applied Technology of Biopharmaceutical Development*”, Milwaukee, USA, 2001.
17. Scholarship from National Statistics Office of Korea as founding member of International Statistical Forum, Korea, 1999.
18. Executive Forum Member, Coleman Research Group, New York, 2006.
19. Research Consultant, Office of Chief Minister, Johor, as UTM-SRG research consultant 2010-2011
20. Consultant, Canadian International Development Agency (CIDA), 1997 – 2000.
21. Consultant, USAID, under HEP (Higher Education Project), 1997 – 1999.

22. Consultant, Japan International Cooperation Agency (JICA), 1992 – 1994.
23. Consultant for Researcher at Genetic Institute, MA 01810, USA.
24. Consultant for the Manager of Quality Control Department, Clinical Diagnostic Group, Hercules, USA.
25. Consultant for the Former Vice President of Quality, Regulatory and Scientific Affairs, SoloPak Pharmaceutical Inc., Illinois, USA.
26. Consultant for the Manager, Process Statistics, Human Genome Sciences, Maryland, USA.
27. Consultant for Researcher at Lambda Therapeutic Research Pvt. Ltd., Ahmedabad, India.
28. Consultant for Scientist at Amersham Biosciences, New Jersey, USA.
29. Consultant for Researcher at Department of Statistics, University of Economics, Poland.
30. First General Secretary of MIPANET (Network of Indonesian Higher Education Institutions on Mathematics and Natural Sciences), 2000 – 2004 (two terms).
31. Best Lecturer Award, Department of Mathematics, Institut Teknologi Bandung, 2000.
32. Researcher, Development Technology Center (DTC), ITB, 1979 – 1983.

I. ACHIEVEMENT IN ACADEMIC CAREER

1. Highest rank of Professorship in Indonesia (IV/e) conferred by the President of the Republic of Indonesia, 2000.
2. Highest grade of Professorship in Malaysia (UDQ5 similar to VK5), Universiti Putra Malaysia, 2014-2016.
3. Director, Graduate School, Indonesian Institute of Education, sine 2019.
4. Chairman, Council of Professors, ITB, Indonesia, 2007-2008.
5. Secretary, Council of Professors, ITB, Indonesia, 2001-2007.
6. Dean, Faculty of Math and Natural Sciences, ITB, Indonesia, 1997-2000.
7. Vice Dean, Faculty of Math and Natural Sciences, ITB, Indonesia, 1994-1997.
8. Chairman, Senate of the Faculty of Math and Natural Sciences, ITB, Indonesia, 1997 – 2000.
9. Head, Department of Mathematics, ITB, Indonesia, 1992-1995.
10. Secretary, Center for Research, Development and Applications of Mathematics, ITB, 1992.
11. Vice Dean, Faculty of Math and Natural Sciences, Open University, Indonesia, 1988-1990.
12. Academic Advisor at Faculty of Math and Computer Science, UiTM Shah Alam, Malaysia (2012-2014).
13. Academic Advisor at Faculty of Science, Technology and Human Development, Universiti Tun Hussein Onn Malaysia (2012-2014).
14. Secretary, Department of Mathematics, ITB, 1983 – 1986.
15. Head, Algebra Research Group, ITB, 2006 – 2009.
16. Chairman, Statistics Division, Dept. of Mathematics, ITB, 2000 – 2005.
17. Chairman, Task Force for Empowering School Teachers of Mathematics and Natural Sciences, ITB, 1992 – 2000.
18. Academic consultant for 17 universities in Indonesia, 1997 – 2000.

J. TEACHING RECORD

J1. COURSES TAUGHT:

No.	University	Subject	Program*
1	Institut Teknologi Bandung	Mathematical Statistics	PG & UG
		Multivariate Analysis	PG & UG
		Probability Theory	PG & UG
		Statistics	PG & UG
		Data Analysis	UG
		Non-Parametric Statistics	UG
		Statistical Quality Control	UG
2	Indonesia University of Education	Multivariate Analysis	PG
3	Universiti Teknologi Malaysia	Research Culture	PG
		Mathematical Statistics	PG
		Probability Theory	PG
		Engineering Statistics	UG
		Statistical Quality Control	UG
4	Universiti Malaysia Perlis	Engineering Mathematics	UG
5	Indonesian Institute of Education	Teaching & Learning Process Quaity Control	PG

* PG: Postgraduate & UG: Undergraduate

J2. TEACHING AWARD:

1. Excellent Service Award, Faculty of Science, Universiti Teknologi Malaysia, 2013.
2. Best Lecturer Award, Department of Mathematics, Institut Teknologi Bandung, 2000.

K. RESEARCH INTEREST (in alphabetical order)

1. Complex Networks Analysis
2. Complex Systems
3. Exploratory Multivariate Data Analysis
4. Financial Market Analysis
5. Mathematical Statistics
6. Multivariate Analysis (main area of research)
7. Statistical Process Control
8. Stocks Market Analysis

L. KEYNOTE/PLENARY/INVITED SPEAKERS

Keynote speeches/Plenary speeches/Invited speeches/General lectures have been delivered in numerous and various international statistical events

M. MISCELLANEOUS

1. Initiator & Co-Founder, National Network of Higher Education Institutions in Mathematics and Basic Sciences (MIPANET), Indonesia, 2000.
2. Co-Founder, International Statistics Forum, Korea, 1999.
3. Member, American Society for Quality, USA, 1997 – 2014.
4. Life Member, Islamic Countries Society on Statistical Sciences, Pakistan, since 1994.
5. Life Member, PERSAMA, Malaysia.
6. Member of Editorial Board, Journal of Science and Technology, Malaysia.
7. Member of Editorial Board, Al-Khwarizmi International Journal of Mathematical Sciences
8. Member of Editorial Board, Malaysian Journal of Mathematical Sciences.
9. Member of Editorial Board, Journal of Applied Mathematics and Computational Intelligence, Malaysia.
10. Advisory Editorial Board, Journal of Fundamental Sciences, Malaysia.
11. Reviewer Team, IEEE
12. Winner, Competitive Research Grant from The Asahi Glass Foundation, Tokyo, 1995.
13. Winner, Competitive Research Grant from The Asahi Glass Foundation, Tokyo, 1994.
14. Winner, Competitive Research Grant from The Asahi Glass Foundation, Tokyo, 1993.

July 5, 2019



Maman Abdurachman Djauhari