



# Dr. Abdul Rani Achmed

## CONTACT

 33, Jln. UP 4/2, Ukay Perdana,  
68000 Ampang, Selangor

 019 328 3654

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## EDUCATION

### Bachelor of Science in Electrical Engineering

*Purdue University, West Lafayette*  
1988

### Master of Science in Engineering Business Management

*Warwick University*  
2001

### Doctor in Engineering

*Universiti Teknologi Malaysia*  
2023

## WORK EXPERIENCE

### Schlumberger Overseas S.A

*Wireline Engineer / 1988 – 1990*

### Medilia Enterprise / Usha Anang Sdn Bhd / 1990 - 2019

*Proprietor/Executive Director - Licensed Moneychanger*

### Racal Survey (M) Sdn Bhd / 1991 – 1995

*Navigation Engineer (GPS)*

### Propel – Johnson Controls Sdn Bhd / 1997 - 2000

- Head of Department MIS / Special Projects (PJC Malaysia)
- CMMS Specialist and Resource Person (JC Asia-Pacific)

### CWorks Group of Companies / 2001 – Present

*Founder and CEO*

### CWorks Systems Berhad / 2005 – 2017

*Founder and CEO*

### Aldrich Resources Berhad / 2017 –

*Executive Director*

## COMMUNITY

### Teaching

#### *Universiti Teknologi MARA (2004 - )*

- Part-time lecturer – PSPU – Computer Aided Facility Management

#### *Universiti Malaysia Sarawak (2001 - )*

- Adjunct Professor – Faculty of Engineering

## CHARITY

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- Yayasan Darul Ikhlas - Founding Member

## ACHIEVEMENTS / AWARDS

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1. *Navigation engineer for the search and recovery of silver bullions from WWII sunken ship in Oman.*
2. *Implemented Computerised Management Information System (CMIS) for hospital support services at 72 government hospitals simultaneously – winner of Johnson Controls Worldwide Merit Awards.*
3. *Implemented first Johnson Control's National Call Centre outside the US – winner of Johnson Controls Worldwide Merit Awards.*
4. *Led CWorks as CEO (without grants or loans) to:*
  - *Be listed on the MESDAQ market of Bursa Malaysia.*
  - *Be listed on Deloitte-Touche Technology Fast500 – Asia Pacific.*
  - *Win MSC-Apicta Best General Application Award*
  - *Be recognized as ASEAN SME in the US.*
  - *Be recognized with MITI's industry excellence awards.*
5. *Led the successful development of the National Construction Industry Material Price Index.*
6. *Winner, with collaborators, of Bronze Medal at InTEX22 for the invention of Automated Medical Device Risk Prioritizer.*

## COMMUNITY CONTINUED

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### Memberships

*Master Builder Association Malaysia (MBAM)*

- Past Council Member / 3 terms
- ICT Committee Member Chairman / 3 terms

*Malaysian Asset and Project Management Association (MAPMA)*

- Past Council Member / 3 terms

*ISO Technical Committee 267 for ISO 41000 - Facility Management*

- Past Malaysian Representative

*MOSTI Science Fund*

- Past Evaluation Panel Member

### Technopreneur Mentorship

- *Malaysian Digital Economy Corporation*
- *Malaysian Technology Development Corporation*

### Moderator

- *International Langkawi Dialogue*
- *National SME Economic Transformation Conference*

### Speaker

- *APEC GOS Meeting, Washington DC*
- *Google Think Export*
- *MSC Malaysia Innotech Summit*

## PUBLICATIONS

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Abdullah, A.R.A., Ismail, S., Fathi, M.S., Jalil, S.Z.A. (2019) Construction Operations Building Information Exchange – A State of Implementation Review and Perspectives. *Test Engineering & Management*, 59(6), pp. 895 – 902

Abdullah, A.R.A., Jalil, S.Z.A., Mohamed, N.N.N. (2021) Clustering of Maintenance Work Data for Failure Mode Discrimination. In *Proceedings of the 1st Indian International Conference on Industrial Engineering and Operations Management*.

Abdullah, A.R.A., Jalil, S.Z.A., Mohamed, N.N.N. (2022) Determining Synonymy of Risk and Priority in Maintenance Prioritization. In *Proceedings of the 3rd Asia Pacific Conference on Industrial Engineering and Operations Management*.

Abdullah, A.R.A., Jalil, S.Z.A., Mohamed, N.N.N. (2021) Determination of Maintenance Policy Investment Priority. In *Proceeding of the International Conference on Engineering and Business Management*, pp.40 – 44.