

# Engineers = Leaders<sup>2</sup>. What do you think?



by Engr. Abul Aswad

**THIS** survey was conducted among IEM graduate engineers. This question was posted in the Young Engineers Section Facebook page, Yahoo group email and blog. Some believed that an engineer is more than a leader. Others said that engineers are given the task to lead. So what do the IEM graduate members say? The number of samples and place of graduate were uncontrolled and depended on the feedback given to the Young Engineers Section. ■

*I agree with this statement. It has been statically proven that the CEOs of big corporations are engineers!*

**By Asrul, Bangsar**

*An engineer can be a future leader if he shines when he leads more events.*

**By Yoke Mei, Petaling Jaya**

*I do not think that engineering will be the focus of the future since every field also has its role to play and depend on each other. So, I really do not think an engineer will lead the future. For me, the "green" issue will be the most important in the future.*

**By Ckwong Chung Kiong**

*All engineers are leaders, but not all leaders are engineers.*

**By Cheng Pay, Puchong**

*This depends on what kind of an engineer you are. Some people are intelligent but have no leadership skills.*

**By Ryuko, Shah Alam**

*As an engineer, you have to deal with decision-making. You are also a leader of workers. As an engineer, you can become a leader. Engineers as problem solvers who not only make sure a job gets done, but also make sure it is completed. Without the skills of an engineer, you will not be able to solve the problem. That is why an engineer is equivalent to a leader to the power of two.*

**By Hairi, Bangi**

*Engineers built and shaped the world as we know it today.*

**By Harun Al-Fayed, Kuala Lumpur**

*Engineers can be natural leaders for taskforces or groups with very specific targets as they are trained to be think logically, methodical, rational, etc.*

**By Sean Chin, Teluk Intan**

*Engineer=Leader<sup>2</sup>*

*Engineer = Leader x Leader*

*Engineers are leaders twice over because it is their role to lead people in their organisations as well as in our society.*

**By Aswad, Ipoh**

*An engineer leads in every field including technology and the society.*

**By Hoo Jia Xi**

*The people need engineers to develop the country. So engineers have to lead twice compared to the country's leader.*

**By Mohd Amiruddin, Serdang**

*It has been proven that engineers are capable of assisting and developing the Malaysian economy and society. By doing this, we have indirectly acted as leaders. Engineers are leaders.*

**By Puvanesan, Kajang**

*An engineer can work in any field, but only when they put their heart into their work will they be able to accomplish great things.*

**By CW Khoo, Kuala Lumpur**

*Leader 1 = immediate leadership. The ability to lead comes with being hands-on. This is related to the actions of the leader.*

*Leader 2 = natural leadership. The ability to lead develops from childhood. This is related to the personality of the leader himself.*

*Leader 1 x Leader 2 = Leader<sup>2</sup>*

**By Hafifi Zulkefli, Putrajaya**

*No man can become a good engineer without good leadership skills.*

**By Muhammad Ikhwan B Ilias, Kerteh**

*An engineer analyses and solves problems using his logical and intelligent mind. He is the strategic and well-organised connector between the top and bottom workers.*

**By Farid Sabree**

*An engineer is a leader who knows how to do various things such as analyse problems, take care of their subordinates, deal with any level of the organisation, is a fast learner and so on. If they can do all that, they can be a good leader.*

**By Qayyum Abdullah, Petaling Jaya**

*An engineer can be a good leader if they become hands-on in a job as this would automatically gain respect from the people working with them.*

**By Firdaus, Shah Alam**

*Engineers are thinkers and problem solvers, while a leader gathers all thinkers to achieve an objective. When you combine these two, you get an engineer who is a leader.*

**By Hazwan, Shah Alam**

*An engineer can be a good leader if they have a lot of experience, i.e. not just working experience but also experience in handling people.*

**By Lee Kwok Yun, Kuala Lumpur**

*Engineers are people who make things better.*

**By Solehah Mohd Sabri, Adelaide**

## SURVEY

*Engineering leaders exist to develop and sustain products and services using systems and engineering principles in project organisations.*

**By Wade H. Shaw, Bangi**

*Engineers are leaders when they have to lead people in their organisation. The term 'sqr' can be applied if they lead their organisation effectively.*

**By Mohammad Azam, Ipoh**

*As entry level engineers gain more experience and knowledge, they begin to work more independently, and able to make decisions, develop designs and solve problems. Their leadership skills begin to develop when they volunteer themselves in various organisations and learn to manage different tasks. This builds their experience with people and the job itself.*

**By K.Y Lau, Petaling Jaya**

*Being active in extra curricular activities in university will be useful to those who want to become a good engineer and even a good leader.*

**By Ahmad Fahmi, Kuala Lumpur**

*An engineer can become a leader. Our previous Works Minister is a Professional Engineer and there are many more like him in Malaysia!*

**By Balasingam, Bangsar**

*To lead people, we need to be charismatic. Not every engineer has that quality however hard they try.*

**By Edward, Kuala Lumpur**

*When an engineer handles a project, their leadership skills will be tested when they have to deal with workers, the management, contractors, suppliers and others. If they manage to handle it correctly and the project is successful, it shows that they are a good leader.*

**By Tan Hok Wai, Puchong**

*Engineers are good leaders when they are flexible with co-workers, subordinates, top management and anyone in the business. Engineers need to be able to cooperate with any level of society to achieve their goals and objectives. That is why Engineer = Leader<sup>2</sup>.*

**By Lee Chong Kang, Nilai**

*Engineers become leaders when they are assigned tasks to help other people and he knows how to deal with them effectively, thus resulting in the task being accomplished successfully.*

**By Faizah, Bandar Baru Bangi**

*With great leadership comes great responsibility. An engineer who dares to take responsibility is a true leader.*

**By Rizal Suhairi, Sungai Petani**

*Involvement with organisations outside of their working environment will help engineers to learn and sharpen their leadership skills.*

**By Amir Ali, Kuching**

*To become a good leader, an engineer need to double their effort in their working life as well as their social life.*

**By James Wong, Kuala Lumpur**

*From my observation, there are many engineers holding positions of leadership. In the future, there will be more. So I agree with the statement "Engineer = Leader<sup>2</sup>".*

**By Mathy, Balakong**

*Engineers are born to be leaders.*

**By Ismail Ali, Kuala Lumpur**

*Engineers are supposed to lead people when handling projects. They gain respect if they lead in the correct way. This actually makes them a good leader and engineer.*

**By Fairus Ashan, Kuching**

*When an engineer gets involved in different events outside of their career, they learn how to lead people. If they continue to participate in more events, they will eventually become better leaders.*

**By Ho Lai Wan, Miri**

*A good engineer does not necessarily make a good leader, and a good leader is not necessarily a good engineer. To be good in both, it needs extra effort and talent.*

**By Manesh, Nilai**

*Engineers could be awesome leaders if they spend some of their spare time contributing to society.*

**By Liyana, Bandar Tasik Selatan**

*Life as a engineer is not complete if they do not lead people, and it will be a great if they can lead people successfully.*

**By Ryan Chuah, Kuala Lumpur**

*Engineers as leaders will elevate our country to the next level with new advanced technology, new approach and systems. They think differently and this can benefit our society.*

**By Azman, Seremban**



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**UTRACON**

**Ultracon Structural Systems Sdn Bhd**  
Suite A-3A-01, Blk A, 4th Floor, Wisma Damansara Intan,  
No. 1, Jalan SS20/27, 47400 Petaling Jaya, Malaysia  
Tel: 603 7710 8818 Fax: 603 7118 2983  
Email: ultraconmsia@utracon.com

**JB Office:**  
11A Jalan Molek 2/1, Taman Molek,  
81100 Johor Bahru, Johor.  
Tel: 607 355 9799 Fax: 607 354 8799