

CEO @ FACULTY PROGRESS REPORT UMP (until end of 2016)



CEO FACULTY @ UMP:



Dr. Hari Narayanan
Managing Director
Motorola Solution (M) Sdn. Bhd.



Tan Sri Dr. Noorul Ainur Mohd. Nur
Secretary General
Ministry of Higher Education



Datuk Seri Ir. Azman Mohd.
President / Chief Executive Officer
Tenaga Nasional Berhad

'CEO @ Faculty Programme' is to intensify the participation of the industrial sector as part of the national higher education system through the sharing of experiences and expertise luminaries the industry. Among the programs that can be run with the selected CEO is invited lecture series, panel discussions and also co-teaching.



BRIEF ABOUT CEO – DR. HARI NARAYANAN



- **Adjunct Professor at Faculty of Electrical & Electronic Engineering since September 9, 2015**
First appointment : 9th Sept. 2015 – 8th Sept. 2016 | Second appointment : 19th Sept. 2016 – 18th Sept. 2017
- **Total contact hours (including external institutions) → 91 hours**
First appointment : 65 hours and 15 minutes | Second appointment : 25 hours and 45 minutes
- **Activities carried out during appointments (Co-Teaching, Public Lecture, Engagement)**
Co-teaching for specific subject (2 times) | Public Lecture, Seminar, Forum (5 times) | Sharing Session (5 times)
Engagement with other institutions (8 times) | Other activities ; appreciation dinner, industrial visits (7 times)
- **Impact / Significant contributions :**
 1. The contribution of eight (8) sets of mobile radio and amateur radio for the P & P and R & D (RM 20,000)
 2. The social responsibility contribution to the UMP MyGift's Endowment Fund. (RM 51,000)
 3. The gold sponsorship for UMP Career Fair 2016 (RM 10,000)
 4. The Apprenticeship Program (WiCom Project) @ Motorola Solutions - 4 students UMP have been following this program.
 5. Opportunities for academic staff attachment - 1 academic staff
 6. Opportunities for students undergo industrial training – 7 students (FKEE – 5 , FKM – 1 , FTeK – 1)
 7. Student placement at Motorola Solutions - 2 graduant taken from the dual degree German program.
 8. Support on Motorola Fund grant applications. - Implementation of the STEM program

BACKGROUND



MR. O HARI NARAYANAN
Managing Director, Motorola Solutions
Malaysia Sdn. Bhd.



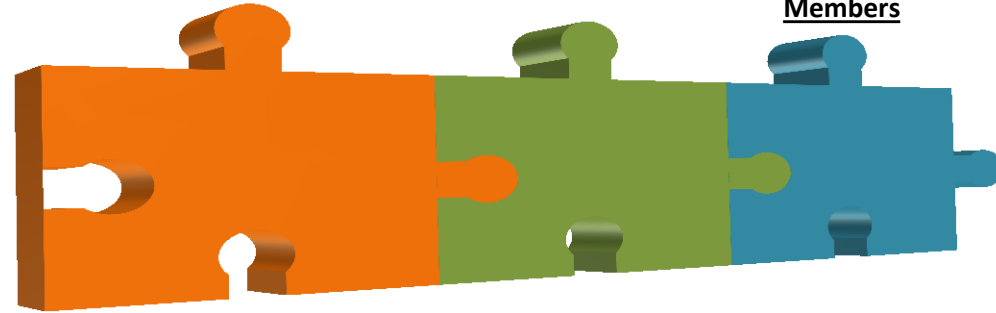
1ST July 2014

Appointed as Managing Director for
Motorola Solutions Malaysia Sdn. Bhd.

His Responsibility

- Overall operations at Penang site
 - ✓ Supply Chain
 - ✓ R&D
 - ✓ Global Solutions
 - ✓ Services Center
- Led various team to deliver innovative products for different portfolios for worldwide customer from platform based to fast derivatives
- Change agent for continuous productivity / efficiency improvements
- Leadership in R&D organization – setting up Advance Technology Group, Program Management Office and Product Quality Group

Working Experiences



Education

Members

- ❑ An apprentice in GEC Traction Ltd, Manchester
- ❑ Joined the University of Manchester (UMIST) as a full-time Staff in 1986.
- ❑ Joined Motorola Malaysia in 1992.
- ❑ Manager, Senior Manager ,Motorola Technology Sdn. Bhd (Jan 1992-2004)
- ❑ Director of Quality, Motorola Technology Sdn. Bhd. (2004-2006)
- ❑ Director of Engineering, Motorola Technology Sdn. Bhd. (March 2006 - May 2009)
- ❑ Senior Dir. Of Engineering, Motorola Solutions Malaysia Sdn. Bhd (July 2013 – June 2014)
- ❑ Director of Engineering (Lead for Penang Design Center) – June 2009 – Present

- ❑ 1st Class Honours in Mechanical Engineering from the Manchester Metropolitan University, UK in 1982.
- ❑ Obtained PhD from the University of Manchester (UMIST) in 1985

- ❑ A chartered engineer (CEng) by profession,
- ❑ Fellow of the Institution of Mechanical Engineers (FIMechE)
- ❑ Member of the Institution of Engineering & Technology (MIET)
- ❑ Member of the Management Institute of Malaysia (MIM)
- ❑ Science Advisory Board Associate (SABA) in Motorola Solutions.
- ❑ The board members of CREST



CEO @FACULTY PROGRAMME
Regional Talk By The CEO
Project Management Practices in Motorola
 Dr. Hari Narayanan
 Managing Director, Project Operations, Malaysia Business
 Account, Motorola Solutions

CEO @FACULTY PROGRAMME
Technology Sharing Session
Case Study of Motorola R&D
 Dr. Hari Narayanan
 Managing Director, Project Operations, Malaysia Business
 Account, Motorola Solutions
 10 May 2016
 10:00 am - 1:00 pm
 Room of Mechanical Design
 UMP Palau

CEO @FACULTY PROGRAMME
Public Lecture by the CEO
UIMP Open Day 2016
Driving Six Sigma Quality
 In Industry
 Dr. Hari Narayanan
 Managing Director, Project Operations, Malaysia Business
 Account, Motorola Solutions

CEO @FACULTY PROGRAMME
Lecture By The CEO
Design Experience:
Industrial Design & Human Factors
 Dr. Hari Narayanan
 Managing Director, Project Operations, Malaysia Business
 Account, Motorola Solutions
 27 October 2015 (Tuesday) • 2:00 pm - 5:00 pm
 Main Lecture Hall (MHL) • Faculty of Mechanical Design
 UMP Palau



11 hours and 45 minutes

Sharing Session

4

Others Engagement / Institutions

3

60 hours and 45 minutes



5 hours and 30 minutes

1

Co-teaching for specific subject

2

Public Lecture, Seminar, Forum

13 hours



PROGRAMS IN 2015



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THE PROS "



1	12th August 2015 Faculty of Electric & Electrical Engineering and Office of Deputy Vice-Chancellor (Academic & International)	Activity #1 :	a. Session with top management of Faculty of Electric & Electrical Engineering b. Session with top management of UMP
		Contact Hours :	4 hours
		Time :	a. 10.30 am – 12.30 pm b. 2.15 pm – 4.15 pm
		Participants :	a. Top management of Faculty b. Deputy VC (A&I), Assistant VC (JJIM), Dean of Faculty, Representative from faculty
		Topics :	i. Briefing on CFP @ UMP ii. Discussion of proposed activities iii. Action Plans

PROGRAMS IN 2015



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2	27th October 2015 UMP Gambang Campus	Activity # 2 : Industrial Talk by CEO
		Contact Hours : 2 hours
		Time : 10.30 am – 12.30 pm
		Participants : Industrial Management Students
		Topics : Project Management Practices in Motorola
3	27th October 2015 UMP Pekan Campus	Activity # 3 : Co-Teaching (Lecture by CEO)
		Contact Hours : 3 hours
		Time : 2.00 pm – 5.00 pm
		Participants : 3 rd & 4 th year Engineering Students
		Courses : Mechanical System Design (BMM4623), Final Year Project (BEE4712, BEE4724)
Topics : Design Experience - Industrial Design & Human Factors.		
4	26th November 2015 UMP Pekan Campus (FKEE)	Activity # 4 : Technical Talk
		Contact Hours : 2 hours
		Time : 2.30 pm – 4.30 pm
		Participants : Electrical Engineering Students / Staff
		Topics : Introduction to Two-Way Radio

PROGRAMS IN 2016



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1	9th March 2016 UMP Pekan kampus	Activity # 5 : Session with Vice-Chancellor and Top Management of University
		Contact Hours : 2 hours
		Time : 10.45 am – 12.45 pm
		Participants : VC, Deputy VC (A&I), Deputy VC (R&I), Deputy VC (HEPA), Assistant VC (JJIM), Dean of Faculty, Representative from faculty
		Topics : <ul style="list-style-type: none"> i. Briefing on CFP @ UMP ii. Discussion of proposed activities / potential collaboration between UMP and Motorola Solutions. iii. Action Plans
2	9th March 2016 UMP Pekan kampus	Activity # 6 : Public Lecture by CEO
		Contact Hours : 3 hours
		Time : 2.00 pm – 5.00 pm
		Participants : Staff and Students / Open to Public
		Topics : Driving Six Sigma Quality in Industry

PROGRAMS IN 2016



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3	9th March 2016 Zenith Hotel, Kuantan	Activity # 7 : Networking Dinner with Top Management and Engineering Faculty Dean
		Contact Hours : 2 hours
		Time : 8.00 pm – 10.00 pm
		Participants : UMP Top Management and Dean of Faculty
		Topics : Appreciation Dinner – hosted by UMP
4	15th March 2016 Hilton Hotel, Kuala Lumpur	Activity # 8 : Majlis Apresiasi dan Penyampaian Watikah CEO@Faculty Programme
		Contact Hours : 2 ½ hours
		Time : 8.00 pm – 10.30 pm
		Participants : All CEOs and Top Management of UMP
		Topics : Appreciation Dinner – hosted by MOHE

PROGRAMS IN 2016



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5	22nd April 2016 Motorola Solution Sdn. Bhd., Batu Maung Penang	Activity # 9 : Industrial & Networking Visit
		Contact Hours : 8 hours
		Time : 9.00 am – 5.00 pm
		Participants : Representative from E&E Faculty
6	25th April 2016 UMP Gambang Campus	Topics : <ul style="list-style-type: none"> i. Curriculum Review ii. Set up STEM Lab iii. MOT Foundation Fund iv. Foxhunting Competition
		Activity # 10 : Industrial Talk
		Contact Hours : 3 hours
		Time : 2.00 pm – 5.00 pm
		Participants : Computer Science Students
Topics : Agile Practices in Software Development		

PROGRAMS IN 2016



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7	12th May 2016 UMP Pekan Campus	Activity # 11 : Technology Sharing Session with CEO
		Contact Hours : 2 hours and 15 minutes
		Time : 10.45 am – 1.00 pm
		Participants : UMP Lecturer & Researcher
		Topics : Case Study of Motorola R&D
8	12th May 2016 UMP Pekan Campus	Activity # 12 : Talk with Engineering Students
		Contact Hours : 3 hours
		Time : 2.00 pm – 5.00 pm
		Participants : Engineering Students (Elec./Mech/Manf.)
		Topics : How To Survive the Engineering World
9	4th August 2016 Equatorial Hotel, Penang	Activity # 13 : Collaboration Visit by Faculty of Computer Science UMP
		Contact Hours : 3 hours and 30 minutes
		Time : 9.30 am – 1.00 pm
		Participants : Dean and Management from Faculty of Computer Science
		Topics : Explore opportunity and potential collaboration with Motorola

PROGRAMS IN 2016



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10	8th August 2016 Equatorial Hotel, Penang	Activity # 14 : Innovate Malaysia Design Conference (IMDCon) 2016
		Contact Hours : 4 hours
		Time : 9.00 am – 1.00 pm
		Participants : Engineering Students and Lecturer (Elec./Mech)
		Topics : Attending Opening Ceremony (UMP as Co-Host)
11	9th August 2016 Equatorial Hotel, Penang	Activity # 15 : Innovate Malaysia Design Competition (IMDC) 2016
		Contact Hours : 4 hours
		Time : 1.00 pm – 5.00 pm
		Participants : Engineering Students and Lecturer (Elec./Mech)
		Topics : Design Competition – Motorola is one of prize sponsor for winner
12	1st October 2016 Mandarin Oriental , Kuala Lumpur	Activity # 16 : Majlis Pelancaran MyGift
		Contact Hours : 4 hours
		Time : 7.00 pm – 11.00 pm
		Participants : Event Guest (coordinate by UMP Management)
		Topics : Social responsibility contribution to the UMP MyGift's endowment fund. (RM 51,000)

PROGRAMS IN 2016



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13	17th October 2016 DKU, Fakulti Kejuruteraan Elektrik & Elektronik UMP Pekan	Activity # 17 :	Trend in Display / Imaging Technologies – What’s going on in the Electronic World ?
		Contact Hours :	2 hours and 30 minutes
		Time :	10.00 am – 12.30 pm
		Participants :	3 rd & 4 th Engineering Students
		Topics :	Automatic Control (BMM3613), Digital Electronic (BEE1213), Vision System (BEE4253)
14	17th October 2016 Dewan Kuliah Utama, UMP Pekan	Activity # 18 :	The Apprentice : Motorola Solutions’ Way
		Contact Hours :	3 hours and 30 minutes
		Time :	2.00 pm – 5.30 pm
		Participants :	Engineering Students (FKEE, FKM, FKP) Open to non-engineering students (FIM, FSKKP)
		Topics :	i. Sharing session for Apprentice Program ii. Sharing session for One Day with CEO Programme

PROGRAMS IN 2015 & 2016

- Engagement with Other Institutions



Date	University	Event	Time
28-Oct-15	INTI University College	INTI's Industry Advisory Board Meeting	30 minutes
19-Nov15	INTI University College	Bachelor in E&E Graduation Ceremony	2 hours
26-Nov-15	Monash University Malaysia	Postgraduate Industrial Networking Tea	30 minutes
2-Dec-15	University of Malaya	The UM Excellence Award (MSI was honoured that night)	2 hours
13-Jan-16	UNITEN MBA-LDC Program	Guest Speaker	2 hours
16-Feb-16	UNITEN	R&D Case Studies – Study Talk with MBA Students	3 hours
26-Feb-16	Universiti Malaya	RF Lab Opening, demonstration	3 hours
27-Feb-16	Universiti Malaya	MoU Discussion – Research Proposal & Capabilities Reviews	3 hours
11-Mar-16	Nottingham University	Career Talk to Engineering Students, Review on Joint Projects	4 hours

PROGRAMS IN 2015 & 2016

- Engagement with Other Institutions



Date	University	Event	Time
6-Apr-16	Nottingham University	Career Discussion	4 hours
22-Oct-16	Universiti Sains Malaysia	Industry Dialog with USM Board of Governors	1 hours and 30 minutes
2-Nov-16	INTI University College	INNO Cup : Launching of INNO Cup as well as review of projects	1 hour
Nov-Dis 16	UMP, USM, UTHM	Industry-Academia Collaboration : WiCom Project Review and Short Talk with students	2 hours



HARI NARAYANAN (empat kiri) bersama tenaga pengajar dan pelajar UMP dalam program CEO@Faculty UMP, Kuantan, Pahang, baru-baru ini.

UMP anjur CEO@Fakulti Program jalin kerjasama akademi, industri

KUANTAN 25 Okt. - Universiti Malaysia Pahang (UMP) menganjurkan Minggu Ketua Pegawai Eksekutif (CEO)@Fakulti Program di Dewan Auditorium Pusat Bahasa Moden dan Sains Kemanusiaan, UMP Pekan dekat sini semalam.

Program itu menampilkan Pengarah Urusan Motorola Solutions Malaysia Sdn. Bhd., Dr. Hari Narayanan yang menyampaikan syarahan bertajuk "Trend Dalam Paparan/Pengimejan Teknologi - Apa Sedang Berlaku di Dunia Elektronik?".

Penolong Naib Canselor (Jaringan Industri dan Masyarakat) UMP, Profesor Dr. Zulkefli Yaacob berkata, program itu bertujuan memberi pendedahan kepada penuntut mengenai dunia sebenar pekerjaan melalui sudut pandangan CEO dan tokoh industri terkemuka dari dalam dan luar negara.

"Sehingga kini UMP mempunyai tiga orang CEO yang dilantik pihak Kementerian Pendidikan Tinggi termasuk Ketua Setiausaha Kementerian berkenaan, Tan Sri Dr. Noorul Ainur Mohd. Nur.

"Program ini dapat memberi peluang kepada penuntut untuk merasai dunia sebenar termasuk aspek pentadbiran dan perkongsian amalan terbaik dan membolehkan mereka berfikir lebih baik dan holistik," katanya di sini.

Zulkefli berkata, program CEO@Fakulti membolehkan mahasiswa berinteraksi dengan tokoh industri yang dijemput bagi menyampaikan syarahan. Katanya, selain meningkatkan pengetahuan, penuntut dapat mengumpul maklumat yang menyediakan mereka peluang untuk melihat perkara-perkara dari praktikal perspektif melalui pengalaman CEO yang dijemput.

"Inisiatif ini dilihat dapat mencapai Pelan Strategik UMP 2016-2020 iaitu keunggulan akademik dan menzahirkan graduan holistik yang relevan dengan keperluan industri," katanya.

Menurutnya, selepas setahun pembabitan Dr. Hari Narayanan sebagai CEO@Fakulti Program, beliau telah mencapai 70 jam pertemuan iaitu melebihi daripada sasaran yang ditetapkan. Beliau berkata, perkongsian pengalaman dan kepakaran daripada pemimpin industri dapat memberi peluang kepada penuntut UMP untuk mendapatkan pelbagai input secara terus daripada pihak industri.

"Perkara ini begitu berguna apabila memasuki dunia kerjaya selain mampu meningkatkan kebolehpasaran dalam kalangan graduan kelak," katanya.

Pengaruh Urusan Motorola Kongsi Kepakaran Dengan Pelajar UMP



Kuantan, 27 Oktober- Lebih 500 pelajar Universiti Malaysia Pahang (UMP) menghadiri program Industrial Talk By CEO bersama Dr. Hari Narayanan yang merupakan Pengarah Urusan Motorola Solutions Malaysia Sdn Bhd anjuran Jabatan Jaringan Industri dan Masyarakat.

Menurut Pemangku Timbalan Pendaftar Jabatan Jaringan Industri dan Masyarakat (JJIM) UMP merangkap Pegawai KPT di UMP, Mohd Raizalhimy Mohd Rais berkata program sehari ini menampilkan Dr. Hari Narayanan yang mempunyai pengalaman lebih 23 tahun bersama syarikat Motorola Solutions Malaysia Sdn untuk berkongsi kepakaran dan pengalaman luas dalam bidang Pengurusan Projek.

Ujarnya, pelaksanaan program ini juga selaras dengan Pelan Pembangunan Pendidikan Malaysia 2015-2025 yang dilancarkan oleh Kementerian Pendidikan Tinggi di bawah inisiatif utama lonjakan kedua kecemerlangan bakat bagi mewujudkan graduan berpengetahuan luas yang mempunyai permintaan tinggi dalam pasaran kerja di samping pendedahan terhadap suasana sebenar di industri.

community.um.edu.my/

community.um.edu.my/ecommstaff/includes/viewNewsToPublic.jsp?ref=19924

UMP terima dua tokoh CEO baharu

Dr. Hari kongsi pengalaman tentang Six Sigma



Pekan, 9 Mac- Warga Universiti Malaysia Pahang (UMP) berpeluang berkongsi pengalaman dan menyenangi cabaran kepimpinan memainkan peranan yang penting dalam syarikatnya sebagai peneraju kepada kemajuan teknologi komunikasi masa depan.

Dr. Hari Narayanan menyampaikan syarahan bertajuk "Driving Six Sigma Quality in Industry" dalam pengantaraan CEO@ Faculty Canselor UMP, Profesor Dato' Dr. Daing Nasir Ibrahim serta penyiarah dan mahasiswa universiti.

Menurut Dato' Dr. Daing Nasir, syarahan umum yang menjadi saranan pihak Kementerian Pendidikan Tinggi (KPT) bertujuan meKuala Lumpur, 15 Mac- Universiti Malaysia Pahang (UMP) menerima dua tokoh CEO baharu yang dilantik pihak Pendidikan Tinggi (KPT) dalam mengantarkan Program CEO Faculty Programme. Mereka adalah Ketua Setiausaha Pengangkutan, Dato Seri Hji Saripuddin Hji Kasim yang dilantik di bawah cluster penjawat awam dan Ketua Pegawai Eksekutif, Datuk Seri I. Arzan Mohd Yusoff yang mewakili syarikat berkaitan kerajaan (GLC).

Menurut beliau, program sebegini memberi peluang kepada mahasiswa untuk berkongsi pengalaman sebenar seorang CEO dalam Program yang berlangsung di Hotel Hilton Kuala Lumpur. Hadir sama dalam majlis, Naib Canselor UMP, Profesor Dato' Dr. Rosli Mohd. Yunus dan

Wakilah pelantikan disampaikan Menteri KPT, Dato' Seri Idris Jusoh dalam Majlis Apresiasi dan Watikah Pelantikan Program yang berlangsung di Hotel Hilton Kuala Lumpur. Hadir sama dalam majlis, Naib Canselor UMP, Profesor Dato' Dr. Rosli Mohd. Yunus dan





JABATAN JARINGAN INDUSTRI & MASYARAKAT (JJIM)

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