

# RESUME

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Name : **MOHD IDRIS BIN MAKSUD**  
Date of Birth : 08<sup>th</sup> May 1973  
Nationality : Malaysian  
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83300, Batu Pahat, Johor, Malaysia.



## 1. INDUSTRY EXPERIENCE

### 1.1. COMPANY & POSITION

Feb 2011-Dec 2011	Position: Asst. Manager (senior) Design/Product/Engineering Department Sharp Manufacturing Corporation Msia. Sdn. Bhd.
Jan 2007-Jan 2011	Position: Asst. Manager Design/Product/Engineering Department Sharp Manufacturing Corporation Msia. Sdn. Bhd.
July 2002-Dec 2006	Position: Engineer ( senior ) Design/Product/Engineering Department Sharp Manufacturing Corporation Msia. Sdn. Bhd.
Oct 1998-Jun 2002	Position: Engineer Design/Product/Engineering Department Sharp Manufacturing Corporation Msia. Sdn. Bhd.
Jan 1997-Sept 1998	Position: Asst. Engineer Design/Product/Engineering Department Sharp Manufacturing Corporation Msia. Sdn. Bhd.
Apr 1996-Dec 1996	Position: Asst. Engineer Design/Product / Engineering Department Sharp Corporation Japan, Tochigi Plant.

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1999-2003                      Life Insurance Agent Advisor  
Malaysian Insurance Alliance, MAA.

### 1.2. SPECIAL ACHIEVEMENT (product)

2011                      Successfully Developed World's biggest 70 Inches Screen of LCD LED TV- Commercially to the market (at the time).

2010                      Successfully Developed World's first QUATTRON SHARP AQUOS LCD LED TV.

2000-2009                      Original Equipment Manufacturer (OEM) Production, ( SONY, JVC, PIONEER, KODAK, SINGER and ADMIRAL ).

2007                      Successfully Introduced High Gloss Finishing Appearance Design of LCD TV and Blu-Ray Recorder only by conventional and normal mold of injection molding processes.

2005                      Successfully Developed World's first SHARP LCD TV with Blu-Ray Recorder.

2003                      Successfully Developed (Apply Ergonomic) Patented Twisting Digital View Camcorder Z-Series with CG-Silicon Features.

1999                      Successfully Developed World's first Standing VCR.

### 1.3. SPECIAL ACHIEVEMENT (Self Achievement)

2003-2011                      Trainer of Knowledge-Employee Programme.

2005                      KEY PERSON of SHARP Oversea Base by  
Quality Assurance Center, Reliability Control Group, Sharp Corp.  
Japan. ( advance course ).

2004                      KEY PERSON of SHARP Oversea Base by  
Quality Assurance Center, Reliability Control Group, Sharp Corp.  
Japan.

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#### 1.4. CORE STRENGTHS & SKILLS

- New Product Development
- Process Improvement
- Product Design [Mechanical]
- Value Engineering [Cost Reduction]
- SPC ( Statistical Process Control )
- Supplier Auditing
- 5S Implementation
- Team Leadership/ Training and staff development
- Production Planning& Control [MRP: SAP System]
- FMEA & Poka Yoke
- Benchmarking
- QCC/ISO/EMS
- JIT and Lean Manufacturing
- Project Management
- Quality Control
- Improvement Techniques
- Problem solving and Decision Making
- Supplier Communication
- TQM( Total Quality Management
- Plastic Injection Molding / Press stamping / Secondary Process decoration: (Painting/Plating/Sputtering & etc) / High Gloss finishing)
- Recent Plastic Injection Mold Design/Concept (E-Mould, Runner less)
- 3D Solid modeling Design ( Pro Engineer )

#### 1.5. RESPONSIBILITY

- Manage the production process, reducing costs wherever necessary and making sure that products are produced on time and are of good quality.
  - Monitor the production process to make sure that it stays on schedule and they correct any problems that may arise.
  - Find ways to make the production process more efficient, implementing JIT, lean manufacturing.
  - Monitor product standards and implement quality-control programs. Make sure the finished product meets a certain level of quality. If the product does not meet that level, try to find out what the problem is and find a solution.
  - Implement training programs or work with an outside supplier to improve the quality of raw materials.
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- Plan and establish sequence of operations to fabricate and assemble parts or products and to promote efficient utilization.
- Analyze statistical data and product specifications to determine standards and establish quality and reliability objectives of finished product.
- Coordinate quality control objectives and activities to resolve production problems, maximize product reliability, and minimize cost.
- Confer with vendors, staff, and management personnel regarding purchases, procedures, product specifications, manufacturing capabilities, and project status.
- Review production schedules, engineering specifications, orders, and related information to obtain knowledge of manufacturing methods, procedures, and activities.
- Engaged in product measurement, inspection, and testing activities to ensure quality control and reliability.
- Evaluate precision and accuracy of production and testing equipment and engineering drawings to formulate corrective action plan.
- Study operations sequence, material flow, functional statements, organization charts, and project information to determine worker functions and responsibilities.
- Estimate production cost and effect of product design changes for management review, action, and control.
- New part evaluation of new model development.
- Monitoring and control the BOM list and MRP in SAP system.

## 2. ACADEMIC EXPERIENCE

Feb 2014-Present	Universiti Tun Hussien Onn Malaysia (UTHM) Faculty of Technology Management and Business Part Time Lecturer SEM II-2013/2014 (Bachelor Program) <ul style="list-style-type: none"><li>• BPA 31803 : Project Management</li></ul>
Sept 2012-Dec 2013	Universiti Tun Hussien Onn Malaysia (UTHM) Faculty of Science, Technology and Human Development Part Time Lecturer SEM I-2013/2014 (Bachelor Program) <ul style="list-style-type: none"><li>• UWB 10802 : Japanese language</li></ul>

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- Sept 2012-Dec 2013      Universiti Tun Hussien Onn Malaysia (UTHM)  
Faculty of Technology Management and Business  
Part Time Instructor  
SEM I-2013/2014 (Bachelor Program)
- BPB 31103 : Production and Operation Management
  - BPB 20803 : Total Quality Management
- Feb 2013-Jun 2013      Universiti Tun Hussien Onn Malaysia (UTHM)  
Faculty of Technology Management and Business  
Part Time Lecturer  
SEM II-2012/2013 (Bachelor Program)
- BPA 31803 : Project Management
- Nov 2012-Mar 2013      Universiti Tun Hussien Onn Malaysia (UTHM)  
Faculty of Science, Technology and Human Development  
Part Time Lecturer  
SEM II -2012/2013 (Diploma Program)
- UWB 11602 : Japanese Language
- Sept 2012-Dec 2013      Universiti Tun Hussien Onn Malaysia (UTHM)  
Faculty of Technology Management and Business  
Part Time Instructor  
SEM I-2012/2013 (Bachelor Program)
- BPB 31103 : Production and Operation Management
- Sept 2012-Dec 2012      Universiti Tun Hussien Onn Malaysia (UTHM)  
Faculty of Technology Management and Business  
Part Time Lecturer  
SEM I-2012/2013 (Bachelor Program)
- BPC 21903 : Material Technology and Selection
  - BPB 31103 : Production and Operation Management
  - BPB 20803 : Total Quality Management
- 2002-2011      Sharp Manufacturing Corporation Msia Sdn.Bhd. (SMM)  
Training Instructor  
Company Internal Lecture series for K-Employee
- New Product Development lecture
  - Components Manufacturing Processing lecture (Injection Molding, Finishing and Decorating Process like
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printing/painting/hot stamping/sputtering, Casting, Stamping and etc.

- Quality Control

2002-2003

Kolej Universiti Tun Hussien Onn (KUiTTO)  
Faculty of Science, Technology and Human Development  
Part Time Lecturer  
SEM II -2002/2003

- UMJ 1312 : Japanese Language

### 3. RESEARCH EXPERIENCE

2009-2010

Postgraduate Research, Universiti Kebangsaan Malaysia (UKM)

- Completed Master Research in the area of Value Engineering: A Cost Reduction through Implementation of Value Engineering in The Product Design and Existing Product

2007-2008

Undergraduate Project, Universiti Teknologi Malaysia (UTM)

- Apply Ergonomic in Developing New Product Design in Manufacturing Industry

1995-1996

Undergraduate Project, Hachinohe National College of Technology, Aomori, Japan

- Development self-running Robot on Power Distribution Supply Line, Applying Pendulum Concept.

### 4. HONOURS, AWARDS AND SCHOLARSHIPS

Dec 2011

Winner : Value Engineering Theme – SHARP CORP. Worldwide

Nov 2011

Merit Award- Sharp Manufacturing Corp. Msia. Sdn.Bhd.

- New Model Development of K5/V5 Sharp AQUOS LCD LED TV

Nov 2011

Merit Award- Sharp Manufacturing Corp. Msia. Sdn.Bhd.

- Trainer for K-Employee Project.

Oct 2010

Merit Award-Sharp Manufacturing Corp. Msia. Sdn.Bhd.

- LCD-LED-TV world's first QUATTRON model development
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Oct 2006	Long Service Award-Sharp Manufacturing Corp. Msia. Sdn.Bhd. <ul style="list-style-type: none"><li>• TEN (10) Years Long Service</li></ul>
Oct/2005	Merit Award-Sharp Manufacturing Corp. Msia. Sdn.Bhd. <ul style="list-style-type: none"><li>• Development of DVD &amp; VCR Combination Model (DV-HRW50)</li></ul>
Oct 2003	Merit Award-Sharp Manufacturing Corp. Msia. Sdn.Bhd. <ul style="list-style-type: none"><li>• Development and Line Setting for New Product Category (Digital Viewcam)</li></ul>
Oct/2002	Merit Award-Sharp Manufacturing Corp. Msia. Sdn.Bhd. <ul style="list-style-type: none"><li>• Trainer for Knowledge Worker (K-Employee) Project</li></ul>
Oct 2001	Merit Award-Sharp Manufacturing Corp. Msia. Sdn.Bhd. <ul style="list-style-type: none"><li>• New Product Development ( KODAK Digital Camera )</li></ul>
1996	The Association for Overseas Technical Scholarship [ AOTS ]-Japan
1992-1996	Look East Policy (Japan) - Public Service Department of Malaysia (JPA) Scholarship

## 5. PUBLICATIONS

### 5.1. JOURNAL

2013	<b>M. I. Maksud</b> and M. S. Yusof, "Cost Reduction Through Value Engineering Practices in Manufacturing Assembly," <i>Journal of Applied Mechanics and Material</i> , vol. 315, pp. 503–506, Apr. 2013, <i>Trans Tech Publications, Switzerland</i> . Doi: 10.4028/www.scientific.net/AMM.315.503
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### 5.2. REFERED CONFERENCE PROCEEDING

2012	<b>M. I. Maksud</b> , M.S.Yusof, Cost Reduction Through Value Engineering Practices in Manufacturing Assembly, <i>Proceedings of 3<sup>rd</sup> International Conferences on Mechanical Engineering ICME2012</i> , UTHM, Malaysia pp. 143, Nov 2012.
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### 5.3. PRESENTED PAPER & POSTER

Nov 2013      **M. I. Maksud**, M.S.Yusof, Cost Reduction Through Value Engineering Practices in Manufacturing Assembly, *The 3rd International Conferences on Mechanical Engineering (ICME2012)*, UTHM, Malaysia, 20-21 Nov 2012.

### 6. ATTENDED TRAINING, SEMINARS, COLLOQUIUM & COURSE

Date	Title	Organizer	Remarks
Dec 2013	Workshop on Advanced Surface Analytical Technique Using Xray Photoelectron (XPS) Spectroscopy	Green Chemistry Research Group, Chemistry Department, Faculty of Science, Universiti Teknologi Malaysia(UTM).	Cert.
Dec 2013	Sesi Dialog dan Perkongsian Ilmu Pengkomersilan Hasil R&D: Ke Arah Penyelesaian. ( <i>Knowledge Sharing Dialog and commercialization of R &amp; D Product : Towards a Solution</i> )	UTHM, ORICC. Puan Aziamh bt Abdul Kadir. Head of IP Management Strategies MIMOS Berhad.	—
Nov 2013	How To Write a Technical Paper to High Impact Journal	FKEE, UTHM, Prof. Dr. Ibrahim Ahmad, Universiti Tenaga Nasional (UNiTEN)	—
Nov 2013	Advanced Surface Analytical Techniques: Xray Photoelectron (XPS) and Auger Electron Spectroscopy (AES )	UTHM 4/2013 Lecture Series. A.Prof . Dr. Zaidi Embong.	—
Nov 2012	Kesedaran Harta Entelek ( <i>Awareness of Intellectual Properties</i> )	UTHM -MyIPMO	—
Nov 2012	Cabaran Pengkormesilan Produk Hasil Penyelidik. ( <i>The Challenges of Research Product Commercialization</i> )	UTHM	—
May 2012	Route to Patent and IP protection	UTHM :Presented by Dr. Morgan Denyer (University of Bradford )	—



Mar 2012	Kursus Induksi Pentauliahan Persijilan Kemahiran Malaysia(SKM) <i>(Induction Course of Malaysian Skills Certificate (MSC) Accreditation)</i>	Jabatan Pembangunan Kemahiran(JPK)	Cert.
Oct 2011	Employment Law and Industrial Relation Practices	FMM Institute	Cert.
Sept 2011	Simulation Concept (E-Learning)	Sharp Corp. Japan.	Passed
Sept 2011	Pro Engineer 3D Solid Modeling (Advance Course)	Sharp Corp. Japan. E-Learning	Passed
Jun 2011	Pembentangan Seminar Penyelidikan Kejuruteraan Sistem Pembuatan <i>(Presentation Seminar of Manufacturing System Engineering Research)</i>	Universiti Kebangsaan Malaysia (UKM)	Cert.
Jun 2011	Basic Management Skill in Supervision	Nevville Clarke	Cert.
July 2010	Effective Coaching and Counseling Skills	FMM Institute	Cert.
Sept 2009	Pro-Engineering, 3D solid modeling	Pusat Latihan Teknologi Tinggi Batu Pahat (ADTEC)	Cert.
Aug 2009	Effective Supervisory Skills	FMM Inst. of Manu. (FMM-IM)	Cert.
Mar 2006	Supplier Quality management	SMI-ASIA	Cert.
Mar 2006	QCC for Team Management	Perbadanan Productiviti Negara (NPC)	Cert.
Oct 2005	Enhancing Presentation with Microsoft Power Point (2000) Advance Level	MCSB	Cert.
Sept 2005	Advance Course Programe for Person of Oversea Base	Quality Assurance Center, Reliability Control Group, SHARP CORP. JAPAN.	Passed (Cert.)

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Sept 2004	Key-Person of Overseas Base	Quality Assurance Center, Reliability Control Group, SHARP CORP. JAPAN.	Passed (Cert.)
July 2004	GEOPAK WIN (CNC), Coordinate Measuring Machine (CMM)	Mitutoyo Msia Sdn.Bhd.	Cert.
Nov 2001	Problem Solving and Decision Making Skills	PTC Management Consultants	Cert.
Sept 2001	Knowledge on Defect, Rejection and Reworks	Entrepreneurs Development Institute	Cert.
Nov 2000	Seminar Warga Industri ( <i>Industrial Employee Seminar</i> )	Jabatan Agama Islam Johor dan Fujitsu Component Msia. Sdn. Bhd.	Cert.
July 2000	Effective Negotiation Skills	FMM Inst. of Manu. (FMM-IM)	Cert.
Sept 1999	7S Logo & Motto Competition	Sharp Manu. Corp. Msia.Sdn.Bhd. (SMM)	12 <sup>th</sup> Cert.
July 1999	Insurance Agents Course Test	Malaysian Ins. Inst.	Passed Cert.
Mar 1999	Technical Design Value Engineering (VE) Seminar	Sharp Electronic Msia.Sdn.Bhd & AOTS (Japan)	Cert. Awarded Best Participant
Jun 1998	Quality Control Circle (Presentation)	Sharp Manu. Corp. Msia. Sdn.Bhd.	Cert.
Nov 1997	The Art & Science of Information Management for Peak Performance	Sharp Manu. Corp. Msia. Sdn.Bhd.	Cert.
Apr 1997	Technical Training for Mechanical Design, Reliability, Job Manual, CAD Operation, Quality Control, Cost Analysis	The Association for Overseas Technical Scholarship (AOTS)	Cert.

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Feb 1992	Japanese Language Proficiency	Association of International Education of Japan	Cert. (Level 4)
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## 7. EDUCATION / QUALIFICATION

2009-2011	Ms. Mechanical Eng. (Manufacturing System), Universiti Kebangsaan Malaysia (UKM)
2003-2008	Bc. Eng. Honours (Mechanical Eng.) Universiti Teknologi Malaysia (UTM)
1993-1996	Adv. Dip. (Mechanical Eng.) Hachinohe National College of Technology, Aomori, Japan.
1992-1993	Dip. (National Science) Kansai International Student Institute of Japanese School, Osaka, Japan.
1991-1992	Certificate in Intensive Course of Japanese Language Universiti Teknologi Mara.
1989-1990	Malaysian Certificate of Education, MCE (SPM) Sekolah Menengah Teknik Johor Bahru, Johor. Grade: A
1986-1988	Lower Certificate of Education, LCE (SRP) Sekolah Menengah Ayer Baloi, Pontian, Johor. Grade: A

## 8. ACADEMIC ASSOCIATIONS/ AFFILIATIONS/ PROFESSIONAL BODY MEMBERSHIPS

- 1) Graduate Engineer: Board of Engineer Malaysia. Reg.No. 79092A
- 2) Members of Japan Associations Overseas Technical Scholarship [AOTS] Japan
- 3) Setiusaha Jawatan Kuasa Keselamatan dan Kemajuan Kampung (JKKK)  
*Secretary of Security and Development Committee (JKKK):* Kg Pasir Panjang Batu Pahat  
Johor, Session Year 2014-2016
- 4) Ahli Jawatan Kuasa Masjid (*Members of the Committee of the Mosque*), Kg Pasir  
Panjang Batu Pahat Johor, Session Year 2014-2016

- 5) Members of UTM Space Alumni Association(SAA)
- 6) Members of UKM Alumni Association

## **9. LANGUAGE COMPETENCIES**

- 1) Bahasa Melayu : written - excellent , spoken – excellent
- 2) English: written - good , spoken – good
- 3) Japanese: written - good, spoken – good

## **10. COMPUTER SKILLS**

- 1) MS-OFFICE ( Ms Word/Excel/Power Point )
- 2) 3D Design Solid Modelling ( Pro Engineer )
- 3) Origin analysis software
- 4) Production and Operation Management (POM) software

## **11. REFERENCES**

- 1) Name: DR. JAMALUDDIN JALANI  
Occupation: Senior Lecturer  
Employer: Fakulti Teknologi Kejuruteraan  
Universiti Tun Hussein Onn Malaysia, 86400 Parti Raja, Batu Pahat, Johor.  
Tel: 07-4537000
  - 2) Name: MR. NASRUDDIN BIN HASHIM  
Occupation: Manager  
Employer: Sharp Manufacturing Co. Msia Sdn.Bhd,  
PLO-225 Kawasan Perindustrian Sri Gading, 83009 Batu Pahat Johor.  
Tel: 07-4302355
  - 3) Name: MAS ERWAN BIN SULAIMAN  
Occupation: Senior Engineer  
Employer: Sharp Manufacturing Co. Msia Sdn.Bhd,  
PLO-225 Kawasan Perindustrian Sri Gading, 83009 Batu Pahat Johor.  
Tel: 07-4302520
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