

# MUHAMMAD FAISAL BIN NAZMI

013 – 5890982

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PT 2650 TAMAN DESA KEMUMIN,  
JALAN PENGKALAN CHEPA,  
16100 KOTA BHARU, KELANTAN

## EDUCATION

### Bachelor's Degree

Field of Study : Engineering  
Major : Electrical Engineering  
Institute/University : Universiti Teknologi Mara (UiTM) Shah Alam  
Year : 2013 – 2016  
CGPA : 3.40

### Diploma

Field of Study : Engineering  
Major : Electrical Power Engineering  
Institute/University : Universiti Teknologi Mara (UiTM) Pulau Pinang  
Year : 2010 - 2013  
CGPA : 3.39

### Professional Certificate in CIDB Greencard

## CARRIER EXPERIENCE

- 1) **ENGINEERING INDUSTRIAL TRAINING:** Tenaga Nasional Berhad (TNB) Tumpat, Kelantan.

### Responsibilities

- ❖ Assisted the workers in making the parts that are needed to be repaired on the substation.
- ❖ Ensure that all of the repairing processes are based on schedule.
- ❖ Make sure that all the project can be finished in the schedule given.
- ❖ Assisted the workers to solve the new problem arise.

- 2) **FINAL YEAR PROJECT:** Analysis and Design of Half-Bridge DC-DC LLC Series-Parallel Loaded Resonant Converter with Digital Technique Switching.

### Responsibilities

- ❖ To study the concept and operating principles DC-DC LLC series-parallel resonant converter topology.
- ❖ To design the half-bridge DC-DC Series-Parallel Loaded Resonant Converter that operates at Zero Voltage Switching (ZVS) to reduce switching losses and increase efficiency.
- ❖ To make the analysis, simulation, and design the prototype of half-bridge DC-DC LLC series-parallel loaded resonant converter topology and make comparison between them.



## PERSONAL PROFILE

Age : 24  
Date of Birth : 18<sup>th</sup> March 1992  
Marital Status : Single  
Religion : Islam  
Race : Malay  
Nationality : Malaysian  
Travelling : Yes

## LANGUAGE PROFICIENCY

	MALAY	ENGLISH
Reading	10	8
Speaking & Writing	10	8

## PERSONALITY

- ❖ Self-motivated and Well-disciplined person.
- ❖ Can accept criticism and advice in order to increase the quality of job and performance.
- ❖ A creative person in creating new idea and solving problems.
- ❖ Willing to learn new things.
- ❖ Ability to work in team.
- ❖ Responsibility in doing all jobs that was giving to me.
- ❖ Experience in leading a team in course work and extra curriculum activities.
- ❖ Flexible and ready to make change and also easy to understanding something.

## CO-CURRICULAR ACTIVITIES

STAGE	ACTIVITIES
University	<ul style="list-style-type: none"><li>• “PC Fair” Event under ELETA’s Club (Committee)</li><li>• Futsal College Championship (participant)</li><li>• Sukan Antara Fakulti (SAF) – Larian SAF (participant)</li><li>• FA Cup Football under Uitm Shah Alam (participant)</li><li>• Piala Pengarah Pembangunan (PPP) Football League Cup (participant)</li><li>• Timbalan Naib Canselor (TNC) Football League Cup (participant)</li><li>• Futsal Championship Uitm Engineering (participant)</li></ul>
Secondary School	<ul style="list-style-type: none"><li>• KAT (Kejohanan Antara Teknik) Football League Cup (participant)</li></ul>

## COURSE HIGHLIGHTS

1. Computer programming (C++ Language)
2. Microprocessor system
3. Power system
4. Electromagnetic theory
5. Electrical machines
6. Power electronic
7. Modern control system
8. Programmable logic
9. High voltage
10. Electric drives
11. Digital signal processing
12. Microcontroller
13. Power utilization
14. Power generation system
15. Power distribution system

## OTHER CREDENTIALS

Computer Skills	
Microsoft Office Software (Word, Excel, Powerpoint)	Excellent
Windows Movie Maker software	Good
C++ Language	Good
Circuit Simulation Software (Matlab, Proteus, Psim)	Good

## ACHIEVEMENT

### UNIVERSITY:

- 1)Dean List’s award (Diploma)
- 2)Dean List’s award (Degree)

## REFERENCES

Dr. Hasmaini Binti Mohamad,  
Head Of Programme Coordinator  
for Electrical Engineering,  
Department of Electrical  
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Dr. Zuhaila Binti Mat Yasin,  
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