

**DIVAGAR A/L VINAYAGA MOORTHY**

No 82, Jalan Bangau,  
Taman Berkeley, Kawasan 17,  
41150 Klang

To whom it may concern,

Dear Sir/Madam,

**APPLICATION FOR JOB PLACEMENT (FRESH GRADUATE)**

I would like to express my interest in applying for a placement in engineering department of the company. To be part of the respective company will be a great honour for me as the opportunity to start my career at your company would provide me with invaluable experience and provide me the chance to further expand my knowledge on the industry.

I have graduated with a **Bachelor in Electrical and Electronics Engineering from Universiti Tenaga Nasional (UNITEN)**, Putrajaya campus. The course by itself, gave me the understanding in engineering and its integrity towards the development of the nation. My passion has always been towards engineering as I strongly believe that engineering plays a key role in the modernisation of the world.

During my internship at Standards and Competency Sdn Bhd, my soft skills including communication skills, time management and attitude at work was significantly enhanced and improved. I have also been instilled with values such as team-management, emotional intelligence and great adaptability skills.

In this age where face pace and ever changing environment thrives, my ability to stay calm and work well under pressure can contribute to the cause immensely. I also was mentored by a few professional engineers whom helped me to grasp complex engineering concepts in order to achieve various objectives.

Please refer to the accompanying curriculum vitae for more information on my academic achievements, projects and working experiences. It may provide sufficient information on my abilities and further solidifies my application for the programme. I am available for interviews at your convenience and can be reached at **017-2021625** or by email at **omdiv@yahoo.co.uk**.

Thank you for your time and consideration. I look forward on hearing a positive reply from you soon and believe that I could shine with the presentation of the right opportunity.

Regards,

Divagar A/L Vinayaga Moorthy

Enclosure: Resume

Academic Transcript

## PERSONAL DETAILS

Name : Divagar A/L Vinayaga Moorthy  
E-mail : omdiv@yahoo.co.uk  
Mobile : 0172021625  
Availability: March 2017  
Address : No 82, Jalan Bangau, Taman Berkeley, 41150, Klang



## EDUCATIONAL BACKGROUND

2005-2009 : Sekolah Menengah Kebangsaan Methodist ACS Klang

2010-2011 : Multimedia University Cyberjaya (MMU)

Foundation in Engineering

2013-2017 : Universiti Tenaga Nasional (UNITEN), Putrajaya

Bachelor of Electrical & Electronics Engineering (Hons.)

**GPA: 3.11      CGPA: 2.81**

## WORK AND INTERNSHIP EXPERIENCES

Period: February 2011- April 2013

Employer: Bright Spark Enterprise

Position: Assistant Technician

### Key Roles and Responsibilities

- Assist technician in electrical wiring tasks
- Fixing and maintaining electrical components such as fans, lights and air-conds

Period: 7<sup>th</sup> March – 26<sup>th</sup> May

Employer: Standards & Competency Sdn Bhd

Position: Intern

### Key Roles and Responsibilities

- Substation unit servicing and maintenance
- Testing relays and control breakers to ensure there are no malfunctions
- Transformer servicing and maintenance
- Learned to use secondary injection tool to inject current to relays for operating time test and operating current test
- Calculated the required injection current amount for the tests
- Understood the functions of relays and its purpose in a switchboard

## SKILLS AND COMPETENCIES

### Technical Skills

- Matlab/Simulink
- Proteus
- MPLab/MikroC
- LTSpice/PSpice
- Multisim
- PowerWorld

### Language Competencies

Bahasa Malaysia (Fluent)  
English (Fluent)  
Tamil (Fluent)

## EXTRA CURRICULAR ACTIVITIES

June 2013 – SIR Futsal Competition Uniten

- Participant (Semi Finalists)

December 2013 – Football Tournament between Engineering Departments

- Participant (Semi Finalists)

February 2014 – UNICS Football Tournament

- Participant & part of organizing committee

May 2014 – Sekreteriat Uniten Futsal Competition

- Participant

April 2015 – Social Community Work at Pusat Konservasi dan Penerangan Penyu Melaka

- Volunteer

June 2016 – Uniten Cup Football Tournament

- Participant

## PROJECTS

- Design of Solar Car for World Solar Challenge Australia (Capstone)
- Design of A Solar Powered Boost Converter with Voltage Controller (FYP)
- Design of Automated Tire Material Mixing Control System

## REFERALLS

- Will be provided on request

Student ID: EE091951	Name: Divagar A/I Vinayaga Moorthy	Medium of Instruction: English	Campus: Putrajaya
NRIC: 921009-10-6001	Program: Bachelor of Electrical and Electronics Engineering (Hons.)		
<b>Special Semester 1, Academic Year 2013/2014</b>			
4	B- CSEB114 Principles of Programming	3	C
1	A ECEE111 Electrical/Electronics Measurement Lab	2	A-
3	C- MATB113 Circuit Analysis I		
3	C- MATB113 Advanced Calculus & Analytical		
3	C MATB143 Differential Equations		
CGPA: 2.19			
<b>Semester 2, Academic Year 2013/2014</b>			
3	C ECEE123 Circuit Analysis II		
1	A- EEE141 Electronics Design Lab		
3	A EEE141 Electronics Analysis & Design I		
3	C EEE163 Digital Logic Design		
2	B+ MECH213 Mechanics I, Statics		
2	B MOR112 Moral Studies I		
CGPA: 2.49			
<b>Special Semester, Academic Year 2013/2014</b>			
3	A MATB253 Linear Algebra		
3	A TECB213 Technical Communications		
CGPA: 2.83			
<b>Semester 1, Academic Year 2014/2015</b>			
3	A- COEB223 Numerical Methods for Engineers		
1	A- EEE161 Digital Logic Design Lab		
3	C EEE163 Signals & Systems		
3	C EEE163 Electronics Analysis & Design II		
2	B+ EPMALB113 Bahasa Melayu Korporat		
2	B+ MOR212 Moral Studies II		
CGPA: 2.36			
<b>Semester 2, Academic Year 2014/2015</b>			
2	B+ COEB432 Principles of Management		
2	B+ COEB442 Engineering Economics		
3	C+ EEE163 Electromagnetic Fields & Waves		
3	C MEH213 Thermodynamics I		
CGPA: 2.49			
<b>Special Semester 1, Academic Year 2015/2016</b>			
4	LU COEB314 Industrial Training		
<b>Semester 1, Academic Year 2016/2017</b>			
2	B+ ECR8412 Project 1		
3	B- EEE8403 Capstone Design Course		
3	C EEB413 Process Control & Instrumentations		
3	A- EPEB413 Power Quality		
3	B EPEB463 Power Distribution Engineering		
3	A+ MASB113 Malaysian Studies (LAN MPW 2133)		
CGPA: 3.10			
<b>Semester 2, Academic Year 2016/2017</b>			
4	B+ ECR424 Project II		
3	C+ EEE8363 Power Electronics		
3	B EPEB463 Electrical Power System II		
3	A PKB113 Creative Thinking		
CGPA: 2.81			
<b>Special Semester 2, Academic Year 2016/2017</b>			
3	A+ MASB113 Malaysian Studies (LAN MPW 2133)		
CGPA: 2.77			

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The National Energy University

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Universiti Tenaga Nasional