**KALIDASAN BALASUBRAMANIAM**

No. 22, TTS2/4B, Taman Tasik Semenyih,

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Selangor- 43500

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**OBJECTIVE**

To start my Mechanical Engineering career by joining a well settled and highly professional organization and grab good career advancement through large efforts and innovative work techniques.

**PROFILE**

* Enterprising and competent BEng (Hons) Mechanical engineering with absolute performance consistency.
* Comprehensive understanding of the fundamental principles of Mechanical engineering and their practical usage.
* Highly organized thought process and well-structured problem dealing attitude with and edge of innovativeness.
* Ability to handle both the internal activities of an organization and external dealings with the vendors.
* Solid background in designing of mechanical designs for different projects.
* Uncommon command over spoken and written English.

**EDUCATION**

**BEng (Hons)** (Mechanical Engineering) 2012- 2014

**Nottingham University School of Engineering**

The school of engineering at the University of Nottingham is ranked among the top UK engineering departments. The University of Nottingham is ranked within the top 1% of all universities worldwide in the QS world university rankings.

Modules in BEng(Hons) Mechanical Engineering, Mechanics of solid, Dynamics and Vibrations, Thermodynamics and Fluid mechanics, Computer Programming (Mat lab), Design and Manufacture, Materials in design, Internal combustion engine, Processing of engineering alloys, Group design project, Management studies, Heat transfer,

**DME** (Diploma in Mechanical Engineering) 2008-2011

**Thai Moogambigai Polytechnic College, (Directorate of Technical Education), India**

Thai Moogambigai Polytechnic College is one of highly ranked college for technical studies in India.

Modules studied in all basic fundamental studies of engineering.

**ACADEMIC PROJECTS**

**Pocket tool design** March 2012

The objective of the project is to create a tool that gives an engineers as well as the common user all the needs of engineering in daily life. The key feature of this project is to produce a part with all the parts like ruler, knife, flash light, screw driver with multi screw heads and etc., as well as the design of posters.

Lecturer: Dr. Aravinthan Arumugam, Dept. of Mechanical, Materials and Manufacturing Engineering, University of Nottingham.

**Clutch project** Nov 2012

Designing a clutch prototype and performing volume production of the clutch. Analysing and evaluating the clutch design using (DFMA) Design for Manufacture and Assembly. Examining the functional requirements. Creating the parts using Pro/Engineering Software.

Lecturer: Dr. Aravinthan Arumugam, Dept. of Mechanical, Materials and Manufacturing Engineering, University of Nottingham.

**Automatic feed control for drilling machine** March 2011

Designed, built and tested and documented an automatic feed control for drilling machine using microprocessor. The project developed the knowledge both in mechanical and electronic aspects.

Supervisor: M.AJ. Bosco, Dept. of Mechanical Engineering, Thai Moogambigai Polytechnic College, Chennai (India).

**EMPLOYMENT HISTORY**

**2011 October – 2012 March**

**Design engineer, Barry-Wehmiller International Resources**

Barry- Wehmiller is a diversified global supplier of manufacturing technology and services across broad spectrum of industries. With a company history spanning more than 125 years, Barry- Wehmiller represents a combination of the rich legacies of more than 50 businesses. [Www1.barry-wehmiller.com](http://www1.barry-wehmiller.com/)

**Responsibilities:**

* Designing mechanical parts.
* Handling Unigraphics software for checking part displacement.
* Indexing material data.
* Updating the drawing doc’s.
* Redesigning the standard parts.
* Understanding the customer need and assigning the job to vendors.

**Achievements:**

Awarded with the Best Fresher for constant attendance.

**COMPUTER SKILLS**

Familiar with Mat Lab programming, Microsoft Windows 98, 2000, XP, 7 and 8 and extensive knowledge of software like MS Office, Auto Cad, Pro Engineering and Solid Works.

**HOBBIES/INTERESTS**

Creativity, Innovation, Badminton, Football, Cricket, Motivational true life stories, Photography

* Participated in Nottingham Nations Cup 2013 for Cricket with **Bronze Medal**
* Captain for Cricket, Football and Volley Ball team at Thai Moogambigai Polytechnic College.
* Achieved first class grade in national level general knowledge contest.
* Awarded with certificate for the painting made for ‘Kargil War’

**PERSONAL DETAILS**

Age - 30years

Nationality - Indian

Gender - Male

Marital Status - Single

Driving License No – TN04 20040008304

Languages Known - English, Hindi, Bengali, Tamil and Telugu

**References:**

**1) M.A.J. Bosco**

Head of the Department,

Thai Moogambigai Polytechnic College,

Chennai

India.

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**2) Jagadessan Krishnan**

Project Leader,

Barry-Wehmiller International Resources

Chennai

India

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**3) Prof. Ng Hoon Kiat**

Professor, Department of Mechanical, Materials and Manufacturing engineering

University of Nottingham, Malaysia Campus

Malaysia

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Email: [HoonKiat.Ng@nottingham.edu.my](mailto:HoonKiat.Ng@nottingham.edu.my)

Expected salary: SGD 2000 – 2500

Passport No. J4714410

Availability : Immediately