

# YUSUF SIRAJ USMANI

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## CAREER OBJECTIVE

To work in professionally managed organization that provides opportunities for growth and challenging work fully utilizing my knowledge, skills & interests.

## ADDRESS

**Present:** - Dept. of Industrial Engineering, College of Engineering, King Saud University,  
PO Box – 800, Riyadh -11421 (KSA);

**Permanent:** - 222, Shirin Apartments, Shivaji Nagar, Jalgaon-425001, (M.S.), India;

## EDUCATION

Degree/Qualification	Institute/Board/University	Year	Class/ Percentage
Master of Engineering in Production Technology and Management	V.J.T.I. Mumbai University of Mumbai	Dec'05	First (68.8 %)
Bachelor of Engineering in Production Engineering	S. S. B. T's College of Engg. & Technology; North Maharashtra University, Jalgaon;	July'02	Distinction (70.21 %)

## WORK EXPERIENCE / INDUSTRIAL TRAINING

### ➤ Present Employment: Dept. of Industrial Engineering, King Saud University

Designation: Lecturer  
Duration: Presently working since Dec 2006;  
Duties:

- Teaching & Assisting;
- IE 441 Design & Analysis of Work,
- IE 442 Human Factors in Engineering.
- IE 428 Scheduling of Industrial Operations
- IE 432 Simulation of Industrial operations
- IE 430 Operation Research -III
- IE 427 Operation Research –II
- IE 321 Operation Research – I
- IE 410 Inventory Control

### ➤ Employer: Mahindra & Mahindra Auto Ltd.

Designation: Deputy Manager-Projects  
Duration: Sep 2006 – Dec 2006  
Duties:

- Process planning for new manufacturing facilities;
- Estimation of manpower required by MOST for new plants;
- Manpower requirement study and productivity improvement (man minutes per vehicle) by proper utilization of manpower;
- Projects follow- up for new plants;

### ➤ Employer: MOST Applications

Designation: Project Coordinator & MOST Applicator  
Duration: Sep 2005 – Aug 2006 (One year)

MOST Applications is a consultancy group established in 1997 and associated with **Mahindra & Mahindra (Auto Sector) Ltd.** Mumbai. The only organization in India certified by H. B. Maynard Inc USA for application of MOST

Duties:

- Study & Analysis of processes in different companies;
- Work Measurement by MOST;
- Method Improvement and optimizing the utilization of manpower;
- Support in developing MDAT software using VB.net (Software used for data entry of MOST and for calculation of standard time required for the task);
- Programming in VB.NET for software development;

Completed implementation of MOST work measurement system in following companies

- Honda Siel cars India Ltd.
- New Holland Tractors India Ltd.
- Transformers & Rectifiers India Ltd.

- TCI paper & sheet boards Ltd.

➤ **Employer: Mahindra & Mahindra Ltd, (A. S.), Kandivli, Mumbai.**

Designation: Project Trainee  
 Duration: Sep 2004 – Sep 2005 (One year)  
 Team Size: Two

Project Work: Development of MDAT Software for Supply and Implementation at Axle Supply Module.

Duties:

- Detail Data collection & Analysis of existing Supply Module operations;
- Generating rules and logic for the software development;
- Programming in VB.NET for development of software;
- Making single database in SQL Server;
- Implementation of MDAT in Axle Supply Module;
- Manpower calculation and generating daily report on the manpower;

## OTHERS

- Certified **MOST Applicator** by H. B. Maynard & Co. USA;
- GATE Qualified. March 2003. Score **90.12** percentile;
- Attended course in **vb.NET** form **NIIT**, Ghatkopar, Mumbai;
- Certified course in **C Programming** from Sigma Seven, Jalgaon;
- Certified Course in **CNC Part Programming and Machining** from **Indo-German Tool Room**, Aurangabad;
- Obtained various certificates in competitive exams in school curriculum;

## COMPUTER PROFICIENCY

- C, C++, XML, VB.NET, SQL Server 2000;
- Used most of the Software used in Industrial Engineering (TORA, LINGO, MS Project, MS Access, etc.);
- Very good in documentation skill (MS word, excel, Access, etc.);
- Good in CAD Skill (AutoCAD 2006, IDEAS, CNC-Programming);

## PROJECT WORK

➤ **M. E. – Development of MDAT and Implementation at Axle Supply Module**

The objective of the project was, to scientifically estimate the work content of supply module operations, for existing work methods and to develop user friendly, MDAT for supply software for obtaining the work standards of Supply operations, calculation of manpower required for different level of production with daily work monitoring system in the supply module based on MOST application technique, And also implementation at Axle Supply Module at **Mahindra & Mahindra Ltd. (A. S.)**, Kandivli Plant.

➤ **B. E. - Plastic Strip Strength Testing Machine.**

The project was carried out to simplify the Universal Testing machine i.e. to prepare such a machine which is being manually operated and can be used by small scale industries for the testing the strength of plastic strips with very much Economical than Universal testing machine.

## ELECTIVES OPTED

- Experimental Design (ME Sem. II, Elective I);
- Industrial Product Design (ME Sem. II, Elective II);
- Automobile Engineering-I (BE, Elective-I);
- Automobile Engineering-II (BE, Elective-II);

## PERSONAL INFORMATION

- Indian citizen
- 1<sup>st</sup> June, 1981 (28 years);
- Male;
- Married;
- Excellent in English, Hindi, and Marathi;
- Passport No: E3609058;

Place: Riyadh 11421, (KSA)

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