



**Supporting documents of papers published in national/ international  
conference proceedings per teacher during last five years**

1. **Paper Title** : A Study And Analysis Of Existing Practices Of Competency Mapping & Competency Development And Most Preferred Practice Out Of Competency Mapping And Competency Development For Managerial Personnel In Select Manufacturing And Service Industries In Pune  
**Author** : Dr. Ashish Vyas
1. **Weblink**: <https://nwimsr.mespune.org/wp-content/uploads/2024/03/Chronicle2019.pdf>



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**The Effect of 'New Approach To Globalization' on Business** ISSN : 2230-9667

**"A STUDY AND ANALYSIS OF EXISTING PRACTICES OF  
COMPETENCY MAPPING & COMPETENCY DEVELOPMENT  
AND MOST PREFERRED PRACTICE OUT OF COMPETENCY  
MAPPING AND COMPETENCY DEVELOPMENT FOR  
MANAGERIAL PERSONNEL IN SELECT MANUFACTURING  
AND SERVICE INDUSTRIES IN PUNE"**

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Director, NWIMSR,  
Pune

**ABSTRACT:**

*The aim of this paper is to study and analyze existing practices of competency mapping and competency development. Also study most preferred practice out of Competency Mapping and competency development for managerial personnel. This paper gives the various definitions of Competency, Managerial Competency and Competency Mapping. Managerial competencies are the major type of competency, which required for the success of an organization. Study of Managerial Competency and competency mapping helps to improve the performance to achieve the goals, vision and mission of an organization in the global scenario. It's also help for own development. Skill, Knowledge and ability/attitude are the major part of manager's competency. A competency development helps to improve individual performance and motivate individuals for performing particular job, occupation or industry. This is the new approach to globalization.*

**Keywords:** Competence, Competency, Competency Mapping, Competency Development, Managerial Competency, Knowledge, Skills, Attitude/Ability, Communication skills.

**1. INTRODUCTION**

The term "competency" plays the important role in improving job performance and in turn qualifies human resources. Especially, in the high competition in corporate world on global level. Now a day's higher level managers like heads and executives requires acquiring a new set of knowledge, skills, and attitudes to face the diversity and complication of the new business environment successfully. Thus the Managerial Competency plays an important role in the global organizations. This is the new approach towards globalization.



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2. **Paper Title** : A Study of various levels of competence in service industries at Pune.

**Author** : Dr. Ashish Vyas

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*5.First Page :*

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COMPETENCY MAPPING & COMPETENCY DEVELOPMENT  
AND MOST PREFERRED PRACTICE OUT OF COMPETENCY  
MAPPING AND COMPETENCY DEVELOPMENT FOR  
MANAGERIAL PERSONNEL IN SELECT MANUFACTURING  
AND SERVICE INDUSTRIES IN PUNE"**

**Prof. Ashish K. Vyas**  
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Ph.D. Student

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Competency mapping helps to analyze Manager's or individual's Strength, Weakness, Opportunities and Treats (SWOT). It also helps them for their career development. Companies are looking for multi skill, multi knowledge higher level managers.

Competency Development helps managerial personnel to improve their knowledge, skills and ability/attitude through various training methods. This is major approach towards globalization.





3. **Paper Title** :Study of Intelligent Transportation System with reference to Road  
Traffic Management in Pune City

**1.Author** : Samrit Kirti Tarachand

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### STUDY OF INTELLIGENT TRANSPORTATION SYSTEM WITH REFERENCE TO ROAD TRAFFIC MANAGEMENT IN PUNE CITY

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#### ABSTRACT

Road Traffic congestion and managing the increasing traffic is a big problem all over the developed cities in India. In India, the main cause of road traffic problems is due to slow growth in road infrastructures as compared to growth in number of vehicles. As a result, there is increased traveler time, property as well as human life damage and environmental pollution. Intelligent Transportation System (ITS) provides possible solutions to these problems with the help of recent technologies. ITS is an integrated system that provides a broad range of communication control, vehicle sensing, and electronics technologies. In this paper, we have studied various ITS application in Pune City with reference to road vehicle traffic. It will lead to the gaps in the knowledge which can be studied in future. This study highlights the conclusions extracted from the studies of different ITS applications and also propose the future scope in the field of ITS.

#### 1. INTRODUCTION

India is the second largest populous country in the world. India, as a fast growing economy, it is seeing huge traffic congestion problems in its developed cities. Any type of congestion on roads ultimately leads to financial losses resulting in the growth of any city. With inadequate space and funds for the construction of new roads, and the growing imbalance between traffic demand and transportation resources; it is increasingly obvious that countries must move beyond the traditional model of just building roads infrastructure to solve traffic problems [2] Pune is set to become one of the largest cities in India, but its plans to solve road congestion aren't helping. Pune is amongst three Indian Cities in the Top 10 list of worst traffic conditions in the world. [14] The ranking is arranged based on a combination of factors including the average time spent by a commuter, traffic index and overall inefficiencies in the traffic system.

With the vehicle density of 753 vehicles per 1000 people, traffic that does not seem to move on city's road is a common picture. Absence of mass transport is main cause of the traffic mess. As the lifestyle and financial condition of the citizens living in Pune is increasing, more people are purchasing private vehicles and preferring to travel by their own vehicle. The population of Pune, Pimpri-Chinchwad and adjoining cantonments has already touched 55 lakh and is expected to grow one crore by 2030. [15] Major roads with heavy traffic jams daily are Ganeskhindi Road, Pune Ahmednagar Road, Karve Road, Pune Solapur Road and Pune Satara Road.

Around 40 flyovers have been built in various parts of the city but the city is not moving in solving its traffic problems. [13]



Fig. 1 Vehicle Vs. Road



Fig. 2 Average Speed of Indian Traffic

ITS is an integrated system that provides a broad range of communication control, vehicle sensing, and electronics technologies. ITS can provide solutions to different problems related to Road vehicle traffic management. ITS proves to be useful in following manner:

- A better managed Road vehicle Traffic



4. **Paper Title** : Analysis of feature selection methods for UKM-IDS20 Dataset
5. **Author** : Dr. Babasaheb Mohite

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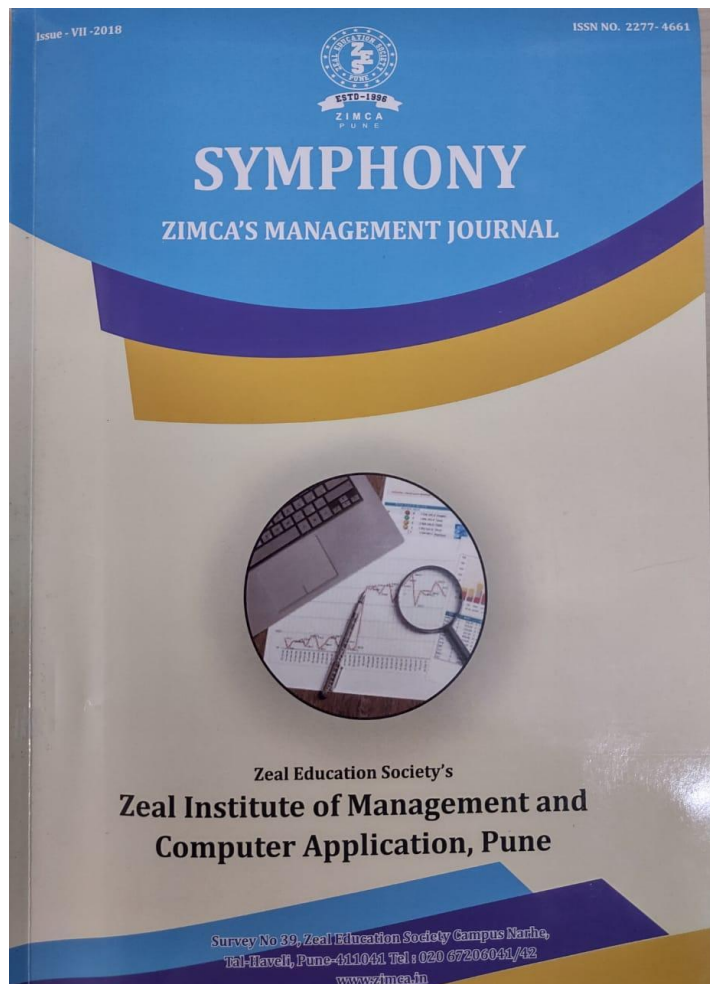
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**1.Author:** Prof. Suresh Mhetre

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## TARGETTING THE UNTARGETTED MARKET OF MIDDLE CLASS

**Prof. Suresh Namdeo Mehetre and Dr. Santosh Kalabhau Apte**

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### ABSTRACT:-

*Marketing is the key concept of any business. In today's era E- Marketing is new buzzword, it is must for any company to have a huge presence on the internet in order to survive extremely competitive market. Today most consumers in the restaurant industry prefer to book tables online in order to avoid waiting for hours and look for offers given by the Companies & same applicable for restaurant industry. Hence today there is a need for restaurants to have online space and tie-up with the companies dealing in online table reservations. Middle class people also often annoyed of waiting for hours in restaurants.*

### 1. INTRODUCTION:-

As we know today e-commerce specifically internet marketing is playing the most key role in business organizations that delivering products and services to households. In today's era many business players have started playing a huge role in these business organizations. Thus we see companies like Raymond investing crore of Rupees in this field of marketing, having tie-ups with big giants in online shopping arena they also have felt the necessity to go online in spite of having well established brand name. Hence to sum it up Ecommerce has become the need of hour. Same thing goes true with restaurant industry; here we have [www.zomato.com](http://www.zomato.com) which is almost called as the [www.google.com](http://www.google.com) of restaurants in India. Hence researchers" project aims at knowing the requirements of trading customers in e-commerce to be specific internet marketing. Today most consumers in the restaurant industry prefer to book tables online in order to avoid waiting for hours and look for offers given by the Restaurants. Hence today there is a need for restaurants to have online space and tie-up with the companies dealing in online table reservations. This project undertaken by the researcher is a research based project, where the potential of middle class segment and the market available in for these kinds of restaurants is checked and this research

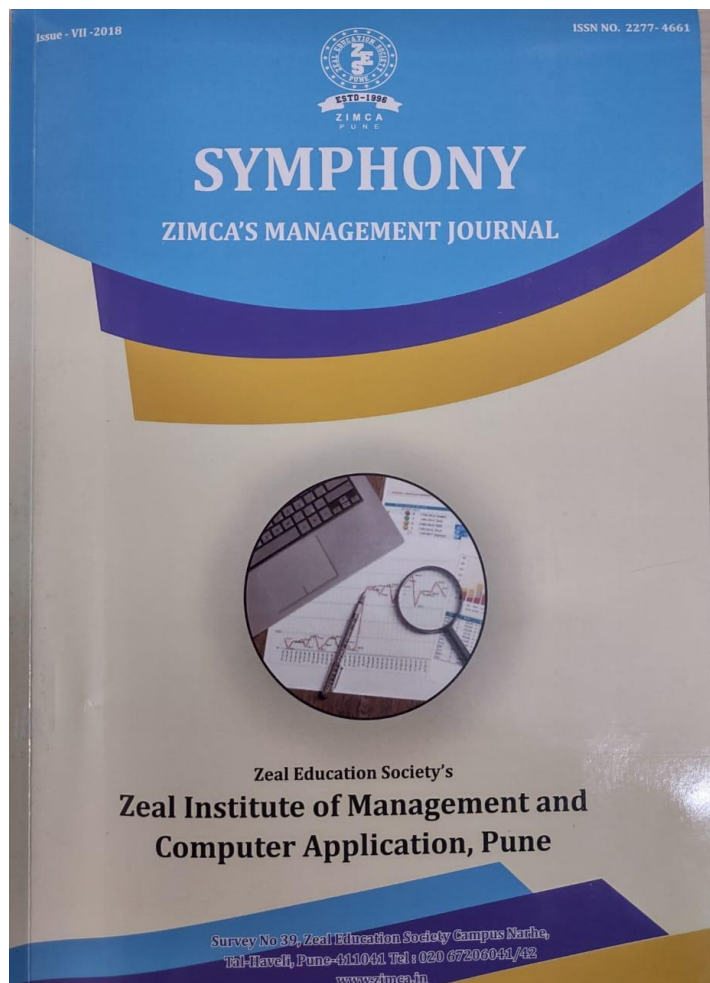




2. **Paper Title** : A study of issues influencing ERP Implementation In small & medium Enterprises(SME's)

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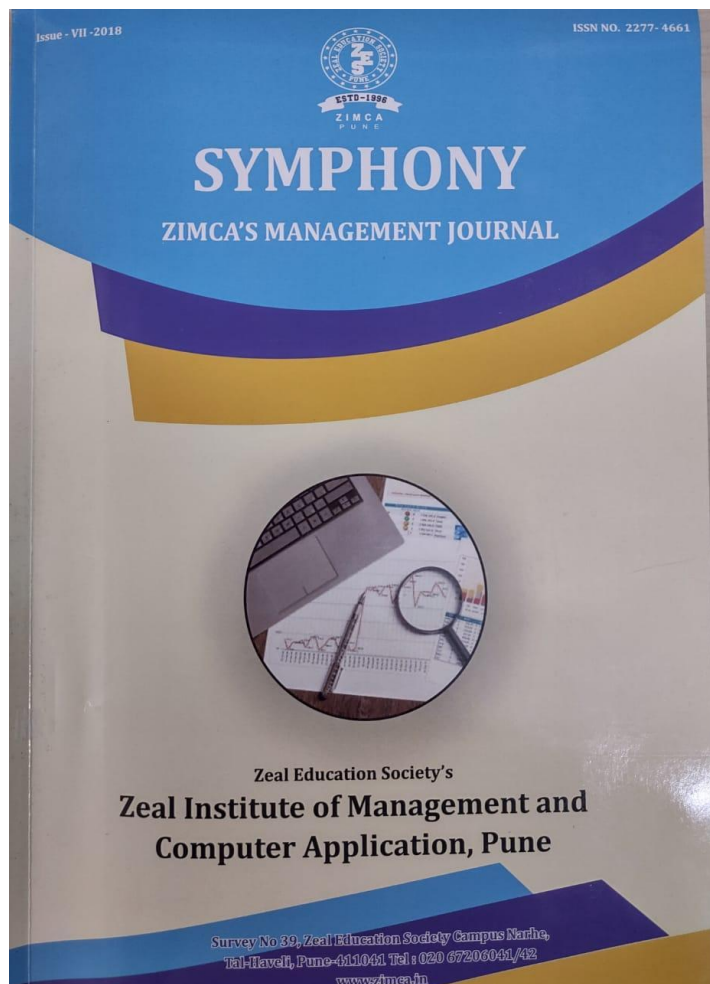




**Paper Title :** Quality Improvement Tool in Education Six Sigma

**1.Author:** Prof. Suresh Mhetre

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**QUALITY IMPROVEMENT TOOL IN EDUCATION SIX  
SIGMA**

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**ABSTRACT**

*Due to global completion educational institute are facing many problem for sustaining in the long run. Due to competitions in Higher educational institutions questions like low graduation rates, less employability/ Unemployability and ultimately questions like whether the education provided by educational Institute is relevant for public and industry are arise. In India many educational institute had already acquired ISO 9001:2008 for quality maintenance. Since for the customers of educational institute like students, parents and the organizations students will get place the quality is important aspect. Institutions require an effective and innovative teaching learning process and supporting tool which will helps to improve quality of the teaching learning processes. For better quality the administrative activity and supporting function in an educational institution will definitely improve the effectiveness of the educational institute and academic process. By increasing service level of operation and effective operations efficiency chances of attracting more and more students in educational Institutions for long run will increase. This can be achieved by any education institute by showing what they can offer for students which other institute cannot offers. This paper is to give the more insight into the implementation of six sigma in a higher educational institution, what will be the benefits of six sigma implementation and to improve the operational process in educational institution to achieve operational efficiency in various aspects like from conducting academic activities for the student to recruitment for the students, including all other functional or operational processes.*

**Keywords:** Academic Performance Analysis; Black Belt; DMAIC; Green Belt; Higher Education; Six Sigma.