



Nashik District Maratha Vidya Prasarak Samaj's  
**Karmaveer Adv. Baburao Ganpatrao Thakare**

**College of Engineering**

## **Newsletter**

**(JANUARY – 2017)**

The NDMVPS's K.B.T. College of Engineering, Nashik has been serving the society since 1999. At present, the college provides four-year courses leading to Bachelor's Degree of Savitribai Phule Pune University in Mechanical Engineering, Computer Engineering, Instrumentation and Control Engineering, Electronics and Telecommunication Engineering, Civil Engineering, Information Technology along with post graduate courses in MBA, MCA and Engineering.

The KBT COE Newsletter is a product of creative minds of Dr. Nanasaheb Patil (Education Officer, MVP Samaj), Dr. K. S. Holkar (Principal, KBT COE) and all the HODs of the departments. The purpose of this Newsletter is to inform the Student-Staff fraternity of Nashik and society at large of the news, including relevant announcements and updates that we believe are important to them. However, this newsletter is also a valuable tool for bolstering morale, promoting unity, team spirit, motivating and rewarding achievements of KBT COE, Nashik. This college News-Letter has started from January 2017 and to be published every month end on the college's official website:

**<http://www.kbtcoe.org>**



Affiliated to Savitribai Phule Pune University  
& Approved by AICTE New Delhi

NASHIK DISTRICT MARATHA VIDYA PRASARAK SAMAJ'S

# Karmaveer Adv. Baburao Ganpatrao Thakare COLLEGE OF ENGINEERING

Udoji Maratha Boarding Campus, Near Pumping Station Road, Gangapur Road,  
Nashik-422013, Maharashtra - India

Phone : +91 253-2571439, 2314319, Fax: 0253-2317016  
email : principal@kbtcoe.org website: www.kbtcoe.org

Date: 24/12/2016

## Department of Information Technology

An Expert Talk on

### Career Guidance

by

Dr. Ajinkya Patil

(Design Engineer – ASML, Netherlands)



Felicitation of Dr. Ajinkya Patil by the hands of Prof. Dr. K. S. Holkar (Principal, NDMVP KBT COE)



Faculty, Staff and Students



To keep students updated with new opportunities, Information Technology Department organized an expert talk on “Career Guidance” on 24th December 2016. The talk was delivered by the eminent speaker Dr. Ajinkya Patil (Design Engineer, ASML Eindhoven, Netherlands). At the beginning, Head of Department Prof. H. V. Patil introduced the guest and briefed about topic. Dr. Ajinkya Patil was felicitated by the hands of Prof. Dr. N. S. Patil (Educational Officer, MVP Samaj). He was also felicitated by the Hands of Prof. Dr. K. S. Holkar (Principal, NDMVPS’s KBT COE, Nashik) by offering a book, the symbol of knowledge as per our College tradition.

He began his talk with his own success story, how he was motivated to do research and his journey of Post-doctoral in Astronomy from Groninggen University, Netherlands. He gave the information about opportunities for career in various fields. In his lecture Dr. Ajinkya created interest in students and faculty by focusing much on choosing right kind of field as career. He gave an expert talk on some main points like career after engineering, higher studies, management, finance, civil services, computing, entrepreneurship, etc. In career after engineering, he focused on various top companies to choose as career. The importance of MS, PhD, MBA was greatly explained by him. He also explained various sectors, in civil services, computing and finances. Dr. Ajinkya Patil created interest among students for various career fields so that they can look and think in different directions while choosing their career.

The session was interactive and Dr. Ajinkya answered various queries from students. The students of Information Technology Engineering got enriched by the interaction with the speaker. His knowledge and experience helped them in appreciating the significance of thinking in different ways while choosing a career. The talk was attended by approximately 180 students and faculty members of various Departments.

\*\*\*\*\*

Date: 27 /12/2016

## Department of Information Technology

An Expert Talk on Placement

By

*Capgemini Placed Students*



Capgemini placed students- Anant Gujrathi, Arti Dhikale, Shivani Kand etc. were present and felicitated

To keep students updated with new opportunities, Information Technology Department organized an expert and guidance talk by Capgemini placed students and T & P officer of NDMVP KBT COE, Mr. P. V. Pund. They all guided students to look forward to find different job opportunities.

At the beginning, Head of Department Prof. H. V. Patil and Prof. S. P. Jadhav welcomed Pass-out students of NDMVPS's KBT's IT Department who were placed in Capgemini. Placed students shared their experience and views with current final year students so that their experience will help others to find jobs. Our institute having the SAP consultancy and students of final year are taking benefit of it. Placed students also shared their experience of finding the jobs through SAP. They shared their view about SAP consultancy provided by the institute also how it helped the students to find job opportunities.

\*\*\*\*\*

**Date: 28/12/2016**

**Department of Civil Engineering**  
An Expert Talk on  
“Competitive Examinations for Engineering Graduates “  
*by*  
**Mrs. Manisha Pawar \* & Mr. Sushant Gangoli**  
\*Director , SPECTRUM Academy Nashik ,



Felicitation of Mrs. Manisha Pawar , Mrs. Poonam Beniwal, Mr. Sushant Gangoli by the hands of Principal Dr. K. S. Holkar

To keep students updated about schedule of various competitive examination after their graduation, Civil Department organized an expert talk on “Competitive examinations for Engineering Graduates” on 28<sup>th</sup> December 2016. The talk was delivered by the speaker Mrs. Manisha Pawar, (Director, SPECTRUM Academy, Nashik) followed by presentation by Mr. Sushant Gangli. At the beginning, Prof. M P Chougale (Dean- III Cell) introduced the guest. Principl Dr. Kailas Holkar focused on the importance of competitive

examinations for engineering graduate. Dr. Kailas Holkar also mentioned that the facilities provided by institute to students are generating awareness about various competitive examinations. The Speaker, Mrs. Manisha Pawar explained the importance of soft skill, interpersonal skills to the engineering students. Mr. Sushant Gangoli covered following points in his presentation.

- Various UPSC examinations for engineering graduates.
- Examination Pattern
- How to start the preparation.

The students of Civil Engineering got enriched by the interaction with the speaker, his knowledge and experience helped them in appreciating the significance of UPSC examinations. At the end, various questions asked by students are answered by the speakers. The talk was attended by second and third year Civil Engineering students and faculty members.

\*\*\*\*\*



**Date: 29/12/2016**

**Department of MCA**  
An Expert Talk on  
**IT-Startups**  
*by*  
**Mr. GirishPagare**  
Senior Manager, Graphite India Ltd.  
Nashik.



Felicitation of Mr. GirishPagare by the hands of Prof. N. R. Kakad (HOD,MCA)



Interaction with students by Mr. Girish Pagare



Faculty, Staff and Students of MCA & BE IT

To keep students updated with the recent trends in Information Technology, Master of Computer Applications Department organized an expert talk on “**IT-Startups**” on 29th December 2016. The talk was delivered by the eminent speaker Mr. Girish Pagare (Senior Manager, Graphite India Ltd. Nashik and

Social innovator and the co-founder of Kumbhathon movement). At the beginning, Miss. Nikita Vispute (SY-MCA) introduced the guest and briefed about topic. Mr. Girish Pagare was felicitated by the hands of Prof. N. R. Kakad (HOD, MCA) by offering a book, the symbol of knowledge as per our College tradition. He began his talk with his experience in entrepreneurship, recent trends in entrepreneurship startups, contribution to formation of Kumbhathon (Social community for helping Nashik administration during Kumbh-Mela 2015). As a part of Project guide at Digital Impact Square, he shared the recent innovations in IT. He gave information about opportunities and future job prospectus for the students in IT Industry.

The session was interactive and Mr. Pagare answered various queries from students regarding topic. The students of MCA & BE (IT) got enriched by the interaction with the speaker. His knowledge and experience helped them in appreciating the significance of topic. The talk was attended by approximately 90 students and faculty members from Master of Computer Applications Department & Information Technology Department.

\*\*\*\*\*



Date: 29/12/2016

## Department of Instrumentation and Control Engineering

An Expert Talk on

### Emerging Trends in Display Technologies

by

**Dr. Pankaj Koinkar**

Associate Professor, Faculty of Tukoshima University, Japan



Felicitation of Dr. Pankaj Koinkar by the hands of Prof. Dr. Nanasahab Patil (Education Officer, MVP Samaj)



Felicitation of Dr. Pankaj Koinkar by the hands of Principal Dr. K. S. Holkar



Faculty, Staff and Students of Instrumentation and Control Engineering



To keep students updated with the new technologies and to widen their technical horizon, Instrumentation and control Engineering Department organized an expert talk on “Emerging Trends in Display Technologies” on 29<sup>th</sup> December 2016. The talk was delivered by the eminent speaker Dr. Pankaj Koinkar, Associate Professor in Optical Sciences, Tokushima University, Japan. At the beginning, Head of Department Prof. Dr. Musmade introduced the guest and briefed about topic. Dr. Koinkar was felicitated

by the hands of Prof. Dr. Nanasaheb Patil (Education Officer, MVP Samaj) by offering a book, the symbol of knowledge as per our College tradition. He was also felicitated by the Hands of Principal and invited as Member of International Advisory Board. He began his talk with his own success story, how he was motivated to do research, his journey of Post doctoral research at South Korea and then faculty at Tokushima University Japan. He highlighted strengths of their education systems, culture, disciplined lifestyle, punctuality and sincerity of Japanese. He gave information about opportunities for study for masters, research programs and scholarships offered by world class Japan Universities. In his lecture Dr. Koinkar created interest in students and faculty by focusing much in the theory, development and application of emerging displays in various sectors. He presented many evidences related to the application of new technologies in driving major sectors of engineering and technology. He has also discussed how their University is contributing to do innovations in the display technologies which are plastic like sheets, they can be folded, twisted and consumes less power. He also enlightened the advantages, reliability and simplicity of design and control and safety concepts while using the advanced techniques. At the end he discussed the issues involved as well as future job prospects in this field.

The session was interactive and Dr. Koinkar answered various queries from students regarding topic as well as their curiosity in Japan Education System. The students of Instrumentation and Control Engineering got enriched by the interaction with the speaker, his knowledge and experience helped them in appreciating the significance of topic and usages for development of control and automation. The talk was attended by approximately 120 students and faculty members of Instrumentation and Control Engineering Department.

\*\*\*\*\*

Date: 30/12/2016

Department of Civil Engineering  
An Expert Talk on  
“आत्मनिर्भरता आणि सुप्तशक्ती विकास ”

by

Prof. D. D. Aher

Principal, Government I.T.I. College, Kopargoan



Introduction and Welcome Speech given by Dr. M.P. Kadam



Felicitation of Prof. D.D. Aher by the hands of Principal Dr. K. S. Holkar.



Speech Given by Prof. D.D. Aher



Faculty, Staff and Students of Civil Engineering

Prof. D. D. Aher (Principal, Government I.T.I., Kopargoan) was invited as for the Expert Talk . Honorable Principal, Dr. K. S. Holkar welcomed Prof. D. D. Aher in Seminar Hall. Head of Civil Engineering Department, Dr. M. P. Kadam, introduced the Chief Guest. Principal D.D. Aher has passed Diploma in Electrical Engineering in 1981 and completed A.M.I.E. in 1992. He has worked in Irrigation Department as an Engineer for three years on Koyana, Hydro Electric Project. He has also worked in C.T.P.S. Chardrapur for 02 years, worked as a Lecturer in Technical College for 19 years and as Principal to various Government I.T.I. Colleges. Presently he is working as Principal at Government I.T.I College , Kopargoan.

Prof. D.D. Aher delivered the motivational speech on **आत्मनिर्भरता आणि सुप्तशक्ती विकास** (How to Become Self-Sufficient) which is very helpful to students to increase their various Skills, Qualities, Mental Strength Moral Responsibilities, Mind Power and manners including punctuality which is rarely taught in curriculum. In his speech he has thrown a light on the requirements which are not only important but essential for success & developing futuristic carrier. Through his speech he created a spark in the minds of the students. He also gave the examples of Great Philosophers like Imersen, Abrahm Linken, Grant Hinri, Ward Cicher and Prof. Viliam Sems during his speech.

\*\*\*\*\*

**Date: 05/01/2017**

**Department of MBA**  
An Expert Talk on  
**Entrepreneurship Development**  
*by*  
**Mr. Swapneel Deshpande**  
(Founder, Magic Blox, USA)



Felicitating of Mr. Swapneel Deshpande by the hands of Dr. D. T. Khairnar (HOD, MBA Dept)



Mr. Swapneel Deshpande addressing students and staff of MBA Department

5<sup>th</sup> January 2017, was really a very motivating day for all MBA students of KBT COE College. Dr S. R. Pachorkar boosted the students' spirit for startups by his wonderful interaction with students right from the first lecture in the class. To continue the same ecosystem created by him he invited one of his young friends named Mr. Swapneel Deshpande. As he entered the conference hall everyone was glad by his presence. Dr. S. R. Pachorkar introduced the students with the speaker. The head of department, DR. D. T. Khairnar welcomed Mr. Swapneel with a book as a token of love.

As he started speaking his ascent and command over English language was a great attraction for the students. With his presentation he briefed about his entire journey till date. As the audience came to know that, he was just like them from Nashik itself the students got involved more into his story. He then shared the journey of his startup Modern Blox and what do they do in the United States of America. Modern Blox works for the society as their main raw material was just a scrap. Modern Blox makes luxurious houses, commercial offices, shops and hotels for people from huge shipping containers. The cost of each house they make is very reasonable which was around \$50,000. Mr. Swapneel also gave tips to students with his

own experience like how should one choose the business partners with same vision and dedication towards the business, how to stay focused towards the business and how funds should be managed during a startup. He concluded his session with a moral “NEVER GIVE UP” and suggested students to read as many motivational books and autobiographies of great people as possible. Towards the end there was an interactive session wherein the audience asked very interesting questions and got great answers for the same. Overall it was a very inspiring session which boosted the students for working for themselves and starting their own startups.

\*\*\*\*\*



06/01/2017

## Department of Computer Engineering

A Workshop on

## Big Data and Hadoop

by

**Mr. Pankaj Singh**

Trainer, Aprtron Pvt. Ltd., Delhi



Faculty, Staff and Students of Computer Engineering and IT



Ongoing session



Practical session

To keep up with the growing demands and changing trends of the software industry and the research laboratories, student association of Computer Engineering ACES organize various programs.

A workshop on “Big Data and Hadoop” was organized by Computer Department, NDMVPS’s KBT COE, Nashik and was delivered by Mr. Pankaj Singh. He is a trainer in Aprtron Pvt. Ltd., Delhi. Mr. Pankaj Singh’s vast experience for training students, staff and industry persons in Big data and Hadoop.

Nowadays use of social media like Facebook, twitter, etc. has increased a lot. These applications generate large amount of data. Handling and processing of this data is a need. Keeping this objective in mind, a workshop on “Big data and Hadoop” was organized for the students in order to learn Big Data concept, processing on current Big data like Facebook, twitter etc. and Hadoop architecture. This workshop included both theory and practical sessions. At the beginning, basics of Big data was explained. Then a session about processing of big data was conducted. Demonstration of how to configure machine using Hadoop was also delivered. Hands on for learning how to use Hadoop to process on live Big Data like twitter or social media data was also conducted for students.

The training was organized in Network Lab of Computer Department. Around 75 students of final year from Computer Engineering and IT department attended the three days workshop conducted on 1<sup>st</sup>Sept to 3<sup>rd</sup>Sept 2016. Head of Computer Department Prof. B. S. Tarle felicitated the guest and Prof. S. A. Talekar from Computer Engineering coordinated for smooth conduction of the workshop.

\*\*\*\*\*

06/01/2017

## Department of Computer Engineering

An Expert Talk on

## Cloud Computing and Azure

by

**Mr. Ketan Lohar**

Senior Software Architect, Project Manager, Thought Leader, Winjit Technologies Pvt. Ltd.



Faculty, Staff and Students of Computer Engineering



Ongoing session

The Department of Computer Engineering, with its cohesive team of faculty members, imparts education to Computer Engineering bachelors, in its discipline. Students are exposed to latest software and development tools as per the need of the day. We update ourselves regularly to keep up with the growing demands and changing trends of the software industry and the research laboratories.

A training program on “Cloud Computing and Azure” was organized by Computer Department, NDMVPS’s KBT COE, Nashik and was delivered by Mr. Ketan Lohar. Mr. Ketan Lohar has around ten years of vast experience in Winjit Technologies Pvt. Ltd. He is Senior Software Architect, Project Manager and Thought Leader. As Ketan is Alumni of Computer Department, he shared his memories about college life spent with department staff in front of students. At the beginning of session, students were introduced about cloud computing in a very simple and practical way. Then top benefits of cloud computing were discussed. Basics like types of cloud services, types of cloud deployments, how cloud computing works was briefed. Microsoft Azure Demo followed the theory session. In practical session, students gained hands on experience on cloud computing using Microsoft Azure cloud technology.

He also encouraged students to take a step towards research and how it is useful for them to improve their profiles also by introducing Microsoft Azure for Students facility. The training was organized in Network

Lab of Computer Department. Around 72 students of BE Computer and all the staff of department attended the day long training conducted on Saturday 27<sup>th</sup>Dec 2016. Head of Computer Department Prof. Dr. V. S. Pawar felicitated the guest and Prof. P. P. Shinde coordinated for smooth conduction of the session.

\*\*\*\*\*

10/01/2017

## Department of Instrumentation and Control Engineering

### An Expert Talk on Introduction to IOT

by

**Er. Sandeep Aher**

Co-founder and Director, eLuminous Technologies Pvt. Ltd., Nashik

&

**Mr. Sachin Shelke**

Sr. Technical Lead, eLuminous Technologies Pvt. Ltd., Nashik



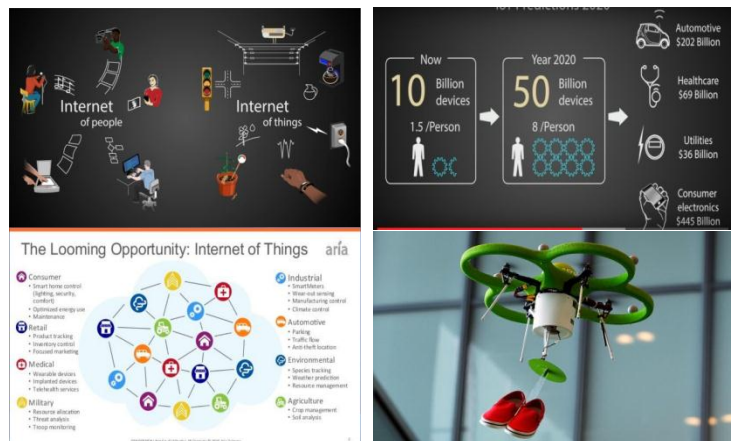
Felicitation of Mr Sandeep Aher by the hands of Dr. N. S. Patil (Educational Officer, MVP Samaj). He is also invited as Member of International



Felicitation of Mr. Sachin Shelke by the hands of Dr.Kailas S.Holkar (Principal, KBT COE)



Faculty, Staff and students of Instrumentation and Control Engineering



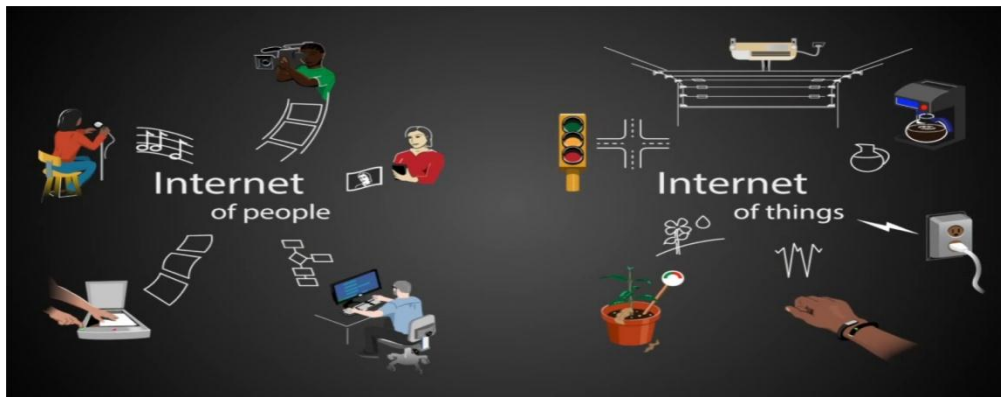
Various Models presented by the Experts



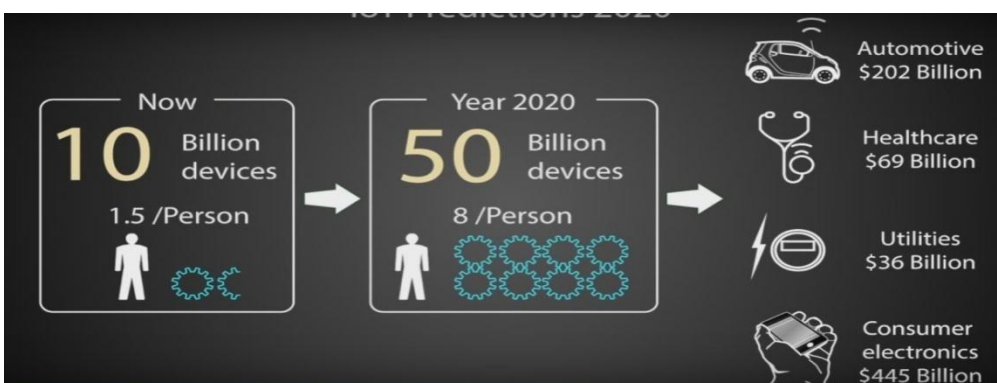
To enhance the knowledge of students and make them updated with the new technologies and to understand their technical horizon, Instrumentation and control Engineering Department organized an expert talk on “**Introduction to IOT**” on 10<sup>th</sup> January 2017. The talk was delivered by the industrial eminent speakers Mr. Sandeep Aher (Co-founder and Director, eLuminous Technologies Pvt. Ltd., Nashik) and Mr. Sachin Shelke (Sr. Technical Lead, eLuminous Technologies, Nashik). At the beginning, Students of Department introduced the guest and briefed about topic. Mr. Sandeep Aher was felicitated by the hands of Prof. Dr. Nanasahab Patil (Education Officer, MVP Samaj) by offering book, the symbol of knowledge as per our College tradition. Mr. Sachin Shelke was felicitated by the Hands of Principal Dr. Kailas S. Holkar and invited them for signing MoU with institute.

Mr. Shelke and Mr. Sandeep gave details regarding Current Upgradations on IOT in Industry. They focused on following important points:

1. What is Internet of things (IOT)?



2. How big it is?



Cisco CEO John Chambers, who recently said the “Internet of Things” market could be worth \$19 trillion by year 2020.



3. Who are making investments in IOT?

1. Google purchased Thermostat Company named “Nest” for \$3.2 billion.

2. HP already built security theft, electric and gas metering, Smart street lights, solution for bla-bla car.

3. All the big brands like IBM, Amazon, Cisco, and Microsoft already prepared with IOT infrastructures.

4. Some examples of IOT



a) Amazon has built its drone delivery system Prime Air.

b) Food panda is planning this year to deliver food with drones.

c) Smart meters for electricity and gas has been already implemented.

d) Home Automation like handling lights, A.C, Fan, Oven, Refrigerator, washing machine through IOT sensors on your mobile apps.

e) Tracking assets like humans, animals, vehicles, Industrial machines / tools.

f) Billboards monitoring.

g) Smart City: Use electricity more efficiently, Smart street Lights, Pollution detection & monitoring.

5. Opportunities in IOT



They also motivated our students under “IOT Opportunities for NDMVP Students”

- a) Staff Auto Attendance System.
- b) Security/Office boy tracking.
- c) Street light effective usage.
- d) Soil Testing.
- e) Library effective usage.

6. What eLuminous is doing in IOT?

- a) eLuminous is mainly focusing on innovating products in IOT. We have couple of products in IOT like Security guard monitoring system, billboard monitoring, School bus tracking.
- b) We are also exploring IOT platforms like Microsoft Azure IOT suit, Thingworx platform, IBM Watson etc. To provide services in this domain.

7. What other services do we offer?

- a) Business Intelligence
- b) Web Development
- c) Mobile Apps Development
- d) Website designing
- e) Search Engine optimization
- f) Virtual Assistance service.

The experts addressed the questions on the topic asked by the students. This Department of Instrumentation & Control organized event is coordinated by Prof Y. P. Patil & Prof S. R. Pandit.

\*\*\*\*\*

**Date: 10/01/2017**

**Department of MBA**

**Project Rajewadi - A Village Adoption Activity  
'Let's Empower the Rural India'**



Ms. Komal Sonawane teaching the school students the importance of hygiene



Mr. Ketan Suryawanshi and Mr. Gaurav Ware explaining the importance of exercise

With an intension to provide an insight in to social responsibilities, the Department of MBA has been carrying out the activity of village adoption since 2014. As a part of this program a visit was organized to village Rajewadi on 10<sup>th</sup> January 2017. This village is situated 26 Kms away from the city of Nashik. This tribal village is having a population of around 1200 with male and female equal ratio. No proper roads however the state transport bus makes couple of rounds a day. The village is having basic facilities such as drinking water, electricity, a ZP school, toilets etc but the sense of sanitation, health and education is below par.

The students from the MBA course tapped this opportunity and decided to work for the benefit of the villagers. The 60 students got divided in to 5 to 6 groups with each group had been assigned with task of working on improvement of each of the factors. These groups carried out various practical activities to make them aware about good practices. Like one group demonstrated the importance of good habits such as cleanliness in day to day life while other group carried out the survey regarding the financial awareness making them understand the importance of financial planning for a better future. One group taught the

school students '*Surya-Namaskara*' while other group taught English poems, paper craft art and drawing to school students. In next visit students have planned to provide a kind of income generation model to village youths, a model of use of renewable energy sources and making villagers aware about government schemes for development.

This visit was mentored by Dr. N. S. Patil (Education Officer, MVP Samaj), Dr. K. S. Holkar (Principal, KBT COE), Dr. D. T. Khairnar (HOD, MBA) and supported by Dr. S. R. Pachorkar whereas Prof. N. J. Salunke, Prof. L. C. Sontakke and Prof. R. N. Mahale accompanied the students in this visit.

\*\*\*\*\*