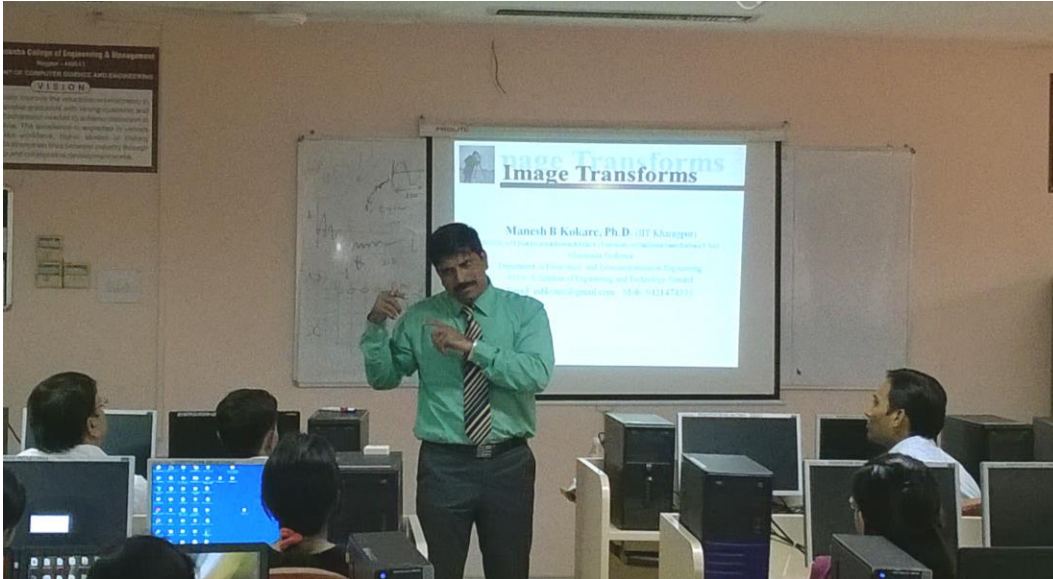1) Mr. Saurabh Sadawarti and Mr. Sachin Meshram from IT Networkz Infosystem Pvt. Ltd, Nagpur conducted a workshop on "**Network Devices and Routing**" for V semester students on 24th August and 25th August 2015. The workshop was attended by 145 students.

2) Mr. Vijay Sharma, an Alumnus of the department joined as an Indian Defense Administrative officer. He was invited to deliver a lecture on "**How to prepare for UPSC Examination**" for students of the department on 27th August 2015.

3) Dr. M. B. Kokare, from SGGS Nanded, delivered a lecture on "**Image Transforms**" for Ist year M.Tech students on 9th October 2015. The lecture was attended by 20 students and 8 faculty members.

4) **ONE WEEK WORKSHOP ON "NETWORKING AND EMULABS"**

Dr. Nirmala Shenoy from Rochester Institute of Technology, Rochester, New York conducted a one week workshop on "**Networking and Emulabs**" from 16th to 20th December 2015 at Department of Computer Science and Engineering. The workshop was inaugurated in the presence of Dr. R. S. Pande, Principal RCOEM, Dr. M. B. Chandak, Head of Department, Computer Science and Engineering, and programme coordinator Prof. R. Welekar.

Image 1: (L to R) Dr. M.B.Chandak, Dr. R.S.Pande, Dr. Nirmala Shenoy and Prof. R. Welekar at the workshop on 'Networking and Emulabs'

The workshop started with challenges faced in data link layer(OSI layer 2), Introduction to Rapid Spanning Tree Protocol and Simulation of Opnet. Workshop also covered current loop avoidance technique on Opnet and RSTP, Complexity in Loop Avoidance and virtual layer 2 networks. Participants were briefed on with Project IEEE 1910.1 – Meshed Trees for Loop-Free Forwarding in layer 2 networks. They were given hands-on session of writing protocols in Geni and access to Emulab for creation on testbeds of network protocols.

The participants got direct access to open source software tools used in US universities. The workshop was intended for the students to learn the standard tools used in US universities, develop own experiments & publish their work in journal of repute.

5) Prof. Sheetal Vij, Assistant Professor from MIT, Pune delivered a lecture on "Interpersonal Skill Development" conducted under CSI Student Branch on 12th Jan 2016. The lecture was attended by 25 students of third year. She briefed the students about how to prepare effective technical presentations, verbal skills, non-verbal skills and corporate dress sense.

6) Mr. Baisula Desuja Mr. Gagandeep Kaur Anjali Choubey from Global Logic Pvt. Ltd. Nagpur delivered a hands-on session on "Android" on 27th and 28th January at Polaris 2016.

7) Mr. Neeraj Chouriya from Persistant Systems delivered a hands-on Workshop on "Salesforce Technology" on 27th and 28th January at Polaris 2016.

8) **CSI FOUNDATION DAY**

Student Branch CSI of Shri Ramdeobaba College of Engineering and Management, Nagpur organized a COMPUTER SOCIETY OF INDIA FOUNDATION DAY on March 12, 2016. Guest for the inaugural function was Dr. U. A. Deshpande, Associate Professor & Associate Dean (IT), VNIT, Nagpur. Dr. U. A. Deshpande delivered an expert lecture on "Local Search and Optimization" and shared his experience about Genetic Algorithms with reference to Artificial Intelligence.

9) SHORT-TERM TRAINING PROGRAMME ON MACHINE LEARNING

A five-day Short-term Training Programme (STTP) on 'Machine Learning' was organized by the Computer Science and Engineering Department of Shri Ramdeobaba College of Engineering and Management (RCOEM), Nagpur, in association with ACM (Nagpur Chapter) and VNIT, Nagpur. The event was aimed to encourage the faculties and students towards exploring the domain of machine learning.

The workshop was inaugurated on 25th April, 2016. Dr. M. B. Chandak, Convenor of the STTP and Head, CSE Department addressed the gathering stating the importance of Machine Learning and the complexity of IoT applications. Dr. Ramchand Hablani, Co-ordinator of the STTP briefed the gathering about the events. Dr. R. S. Pande, Principal, RCOEM, delivered the presidential address and motivated the participants to take full advantage of this learning opportunity.

The five-day STTP kick-started with a session on "Introduction to R", delivered by Prof. Shailendra Shende. The workshop covered technical sessions on Artificial Neural Networks, Clustering, Association Rule Mining and Probability Distributions. The STTP concluded on 30th April 2016, with a session on "Genetic Algorithms".

10) Workshop on "Data Science and Big Data Analytics"

The Big Data Initiatives (BDI) Division of Department of Science & Technology, Government Of India sanctioned an amount of Rs. 6,00,000 for the department. The BDI Division works to promote and foster Big Data Science, Technology and Applications and to develop core generic technologies, tools and algorithms for wider applications. The DST Grant was utilized for conducting a 3-day National Workshop on "Data Science and Big Data Analytics", Dr. M. B. Chandak, Head, CSE being the principal coordinator.

11) NATIONAL CONFERENCE ON RECENT TRENDS IN DATA SCIENCE AND BIG DATA NETWORKING, NCRDBN-15

Shri Ramdeobaba College of Engineering and Management organized a 2-day National Conference on Recent Trends in Data Science and Big Data Networking, NCRDBN-15. NCRDBN-15 was inaugurated on 18th December, 2015 in the presence of Dr. R. S. Pande, Principal, RCOEM, Nagpur, Dr. M. B. Chandak, Convener (NCRDBN-15) and Head of the Department (CSE), Dr. A.J. Agrawal, Co- Convener (NCRDBN-15). The conference was organized by Department of Computer Science and Engineering in association with Department of Science and Technology (DST).

Image 3: Felicitation of Mr.Abhijeet Deshpande by Dr. R.S. Pande

Mr. Abhijeet Deshpande, Software Engineer, VMware Inc., Palo Alto, California delivered a keynote session on "Microservice architecture for Distributed Systems" on 18th December 2015.

Mr. Neeraj Deval, Senior technical trainer and consultant from Nice Software Solutions Pvt. Ltd, Nagpur conducted a two day workshop on "Business Intelligence using Tableau" on 18th and 19th December 2015.

Dr. R. B. V. Subramanyam, Associate Professor, NIT, Warangal delivered a session on "Big Data Analytics and Map Reduce applications" on 19th December 2015.

Research papers were presented on current trends in 'Internet-of-Things', 'Big-Data Analytics' and 'Data science', 'Cloud Computing and Cyber security'. Selected papers will be published in International Journal of Computer Science and Applications. Dr. M. M. Raghuwanshi and Dr. (Mrs.) Dipti Shrimankar were the eminent judges.