



*LSSBM'S
Padmashri Dr. V. B. Kolte
College of Engineering &
Polytechnic, Malkapur*

Volume: 1 Issue: 1

NEWSLETTER June 2015 – May 2016



About Institute

LokSewa Shikshan Bahuuddeshiya Mandal, Malkapur (LSSBM) established in 1961. The Governing body is a group of active and enthusiastic members, with a solitary intention of imparting education to the needy and to facilitate the reach of our educational initiatives to further for the betterment of the region. PadmashriDr. V. B. Kolte College of Engineering & Polytechnic, Malkapur runs (Polytechnic, B.E., M.E.) and established in 2010. The vision of our group is to carve a niche in imparting quality education to the students and to develop them both personally and professionally to face the challenges of the present world. During this scintillating journey, we can boast of our growth on all fronts by leaps and bounds. We have a total strength of more than 2000 students across various disciplines. At LSSBM, PadmashriDr. V. B. Kolte College of Engineering & Polytechnic, Malkapur we commit ourselves to offer innovative study programs so as to build a very dynamic student community.

Vision and Mission of Institute

Vision

- ✦ To be an Organization providing quality Education to the masses to bring about a social change in the region by establishing & nurturing the technical, and allied institutions to become center of excellence.

Mission

- ✦ To nurture and maintain quality environment for academic excellence, research and development of entrepreneurship, through dedicated staff and transparent management for bringing about a social change, through affordable education.
- ✦ To impart holistic training to all the students so that they develop right kind of attitude, knowledge & skills which will help them to serve the nation in a better way.
- ✦ To imbibe in the students, basic human values in order to help them, develop individually.
- ✦ To provide education at reasonable expenditure, especially for middle class population.
- ✦ To provide up-to-date and trained professionals to industry who will serve as a entrepreneurs and will lead their companies successfully.

Principal's Message



Dr. A. W. Kharche
Ph.D.

I am pleased to know that the institute is going to publish first edition of newsletter. This newsletter provides panoramic view of academic, research, co-curricular activities and achievements of institutes during an academic year.

To impart technical, educational and training of exemplary academic standards to our students is our vision. The institutes have reached a tradition of pursuing academic excellence and providing a congenial environment for the overall personality development of students. I feel confident that the institute is progressing in the right direction and I congratulate the faculty for their hard work and wholehearted efforts to make the institutes the choicest destination for aspiring engineers.

Academic Dean



Prof. S. N. Khachane
M.Sc.(Chemistry)

I am happy in releasing the newsletter, highlighting the activities of the college between 2015 -2016. The hard work of the students and staff of this Institution have already brought a very good grade since last two years by MSBTE academic monitoring committee. I congratulate the staff and students for this achievement. I wish that everyone continue their untiring efforts not only to retain this award but to grow to further high standards. I congratulate all the editorial members for releasing this newsletter.

Academic Co-Ordinator



Prof. R. M. Chaudhari
M.E. (CAD /CAM)

It is my pleasure in congratulating the editorial member on this pleasant occasion of releasing the newsletter for the period 2015-2016. It is great to find a considerable number of winners and participants in co-curricular and extracurricular activities which certainly prove that our staff and students are adequately equipped and possess necessary skill-sets to bring such success to the institution. I wish that this number may grow in the years to come. I am sure that publishing a newsletter of this sort containing the achievements of the wards will be a recognition to them and I wish them all the very best for future endeavors.

PATRONS

Hon. Shri. D. N. Patil
Hon. Shri. P. D. Kolte
Dr. A. W. Kolte,
Shri. S. N. Patil,
Shri. S. J. Pachpande,
Dr. D. N. Kolte,
Shri D. T. Patil,
Shri Anil L. Ingle,
Shri D. R. Patil,

President, LSSBM's, Malkapur
Vice-President, LSSBM's, Malkapur
(Secretary LSSBM)
(Jt. Secretary LSSBM)
(Treasurer LSSBM)
(Member LSSBM)
(Member LSSBM)
(Member LSSBM)
(Member LSSBM)

ACADEMIC ACHIEVERS 2015-2016

ELECTRICAL ENGINEERING

Final Year

1. Amol Kshirsagar – 67.49%
2. Gopal Trivedi – 66.63%

Second Year

1. Shilpa Zanke – 63.76%

First Year

1. Nikita Fegade – 71.65%
2. Dhanashree Chaudhari – 68.57%

Congratulations!

MSBTE PERFORMANCE

The following were the performance given by MSBTE Academic Monitoring Committee to Padm. Dr. V.B. Kolte College of Engineering, Malkapur.

Branch	Performance	Year
CW, ME, EJ & EE	VERY GOOD	2014-2015
CW, ME, EJ & EE	VERY GOOD	2015-2016

MOU'S SIGNED

The college has signed the MOU's with following industries for conducting Faculty Development Program, Student Development Program and Certification oriented training programs for the Faculty and Students.

Sr. No.	Name of Industry	Address	Date
1	Jay Engineering	Pune	07/01/2013
2	Mauli Computers	Malkapur	10/01/2013
3	Karande Electronics	Malkapur	13/09/2012
4	Radhakrishna Engineering Works	Malkapur	08/09/2013

GUEST LECTURE ON PERSONALITY DEVELOPMENT



Shree Swami Ganganand, Nivedita Nilayam, Wardha, delivered lecture on Personality Development (Spiritual attitude & concentration) dated on 9th September 2015.



Mr. Jayant Bhole, Youth Leadership Training Program, Malkapur, delivered lecture on Personality Development dated on 9th January 2016.

NATIONAL LEVEL TECHNICAL QUIZ CONTEST



“The National level technical quiz contest” arranged by Padm. Dr. V. B. Kolte College of Engineering & Polytechnic, Malkapur, dated 30th January 2016.



EAC Programme organized under the guidance of Trainer Dr. A. W. Kharche and Prof. R. M. Choudhari Trainer and program coordinator college from 3rd Sept. 2015 to 5th Sept. 2015.

PARENTS MEETING



Dr. A. W. Kharche Sir with the dignitaries during the inauguration of the Parents Meeting dated 22nd Aug. 2015.

CARRIER GUIDANCE PROGRAM



Dr. A. W. Kharche Sir with the dignitaries during the inauguration of the Carrier Guidance Program which was sponsored by MHRD's BOAT, Mumbai on 1 Sept to 3 Sept 2015.

ANTI-RAGGING COMMITTEE

Sr. No.	Name of Member	Designation
1	Dr. A. W. Kharche	President
2	Mr. S. N. Khachane	Secretary
3	Mr. R. M. Choudhari	Professional Counselor
4	Mr. A. P. Jadhao	Member
5	Mr. S. B. Jadhav	Member
6	Mr. Y. P. Sushir	Member
7	Mr. N. J. Rajput	Member
8	Ms. P. S. Indane	Anti-ragging Squad
9	Mr. P. B. Bhise	Anti-ragging Squad

Electrical Engineering

HOD'S Message



Prof. Santosh Raikar
M.Tech.(Electrical Engineering)

Electrical engineering is a branch of engineering that deals with the technology of electricity. Electrical engineers work on a wide range of components, devices and system from tiny microchip to huge power station generators. Early experiments with electricity included primitive batteries and static charges. However the actual design, construction and manufacturing of useful devices and system began with the implementation of Michael Faraday's Law of Induction.

Electrical Engineering is a field of engineering that generally deals with the study and application of electricity.

Vision

To produce comprehensively trained, socially responsible, innovative electrical engineers and researchers of excellent quality to contribute the region & the nation.

Mission

Our mission is to provide electrical engineers with innovative ideas and skill which matches with current industrial standards.

PROGRAM EDUCATIONAL OBJECTIVES

PEO 1- The students will have the skills and knowledge in the area of Electrical Engineering with sound foundation, essential engineering fundamentals and latest development in the field of Electrical Engineering.

PEO 2 - The students will have skill to participate successfully in implementation of multi-disciplinary projects

PEO 3 - The student will be promising and their communication will be strong for working in multi-disciplinary work environment

PEO 4 - To provide social responsibilities, solution for the development of environment and making them prompt in ethics.

PROGRAMME OUTCOMES

PO1. **Basic knowledge:** Apply knowledge of basic mathematics, sciences and basic engineering to solve the broad-based Electrical engineering problems.

PO2. **Discipline knowledge:** Apply Electrical engineering knowledge to solve broad-based electrical engineering related problems.

PO3. **Experiments and practice:** Plan to perform experiments and practices to use the results to solve broad-based Electrical engineering problems.

PO4. **Engineering tools:** Apply relevant Electrical technologies and tools with an understanding of the limitations.

PO5. **The engineer and society:** Assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to practice in the field of Electrical engineering.

PO6. **Environment and sustainability:** Apply Electrical engineering solutions also for sustainable development practices in societal and environmental contexts.

PO7. **Ethics:** Apply ethical principles for commitment to professional ethics, responsibilities and norms of the practice also in the field of Electrical engineering.

PO8. **Individual and team work:** Function effectively as a leader and team member in diverse/ multidisciplinary teams.

PO9. Communication: Communicate effectively in oral and written form.

PO10. Life-long learning: Engage in independent and life-long learning activities in the context of technological changes also in the Electrical engineering and allied industry.

PROGRAMME SPECIFIC OUTCOMES

PSO1 - An Ability to analyze and handle various parameters of Electrical System

PSO2- An ability to apply knowledge, engineering skills and problem solving techniques in Electrical System

FACULTY ACHIEVEMENTS

WORKSHOPS AND TRAINING PROGRAMS

Sr. No	Name of Faculty	Faculty Attended training	Date
1	Prof. Antariksh R. Patil	Five Days Industrial Training at Reliance Infra Ltd. Dahanu Thermal Power Station	22 Aug To 26 Aug 2016
2	Ms. Payal Patil	National Level CEP Programme on “Teaching Methodology” at Padm. Dr VBKCOE Malkapur, Dist: Buldhana	12 Sept To 14 Sept 2015
3	Mr. Santosh Raikar	Adani Power Maharashtra Ltd. Tirora, Dist: Gondia	26 Feb To 28 Feb 2015
4	Ms. Poonam Indane	National Level CEP Programme on “Teaching Methodology” at Padm. Dr VBKCOE Malkapur, Dist: Buldhana	12 Sept To 14 Sept 2015

PUBLICATION IN CONFERENCES & JOURNALS

- ❖ P. S. Indane & Prof. R. R. Maharana “**An Overview on Distributed Generation in Power System**” International Journal of Computer Science & Application (IJCSA) EISSN:0974-1011 Volume 9, No. 2, Apr-June 2016.
- ❖ P. A. Patil & Prof. R. K. Verma “**Electricity Management in Distribution System by using of FACTS & Smart Grid Technology**” International Journal of Computer Science & Application (IJCSA) EISSN:0974-1011 Volume 9, No. 2, Apr-June 2016.
- ❖ Prof. Santosh Raikar & Prof. Vikas Jainkeri “**Design & Development of MPPT for Micro Wind Turbine & a Review on Wind Fuel Cell Hybrid System**” Indian Research Transaction (IRT) EISSN:2250-0804 Volume 5 No.2, Apr-June 2015.

INDUSTRY VISIT

Department arranged visit to 33/11 kv Substation, Malkapur on 19th Jan 2016 to study about switch yard for distribution system.



Department arranged visit to POH Bhusawal on 15th Sept 2015. To study manufacturing and maintenance of electric railway engine.



INDUSTRY BASED EXPERT LECTURE

Mr. Vijay Chaudhary, Deputy Executive Engineer MSEDCL, Malkapur was delivering expert lecture on “Indian Electrical Rules” dated 21th Jan. 2016.



Mr. Rohit Nile was delivering expert lecture on “The role of engineer in industry” dated 4th Aug. 2015.



Mr. Sachin Shonani was delivering expert lecture on “Importance of PLC and SCADA in industry”, dated 04th Aug. 2015.



EDITORIAL BOARD

- Mr. Santosh Raikar, HOD's /EE
- Ms. Payal A. Patil, Lecturer/EE
- Ms. Poonam Indhane, Lecturer/EE
- Mr. Gopal Trivedi (Student)
- Ms. Kajal Shelar (Student)
- Mr. Subhash D. Patil (Parent)

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