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Happy New Year 2018

Inside.....

- Interview of Dr. Vinod Mohitkar
- Success story of Diploma holders
- Success story of Institute
- Technobuzz

Theme for the Current Issue

“Educational Institutes - are they churning centers for lucrative student's careers ?

An year of hard toil beckons the valiant towards triumph - First anniversary of Maharashtra Skill Development enter (Spoke),Pune.

The country today is at a cross-roads to solve the problems of unemployment, unskilled youth and lack of jobs. The need of the hour is “quality training” of these youth with formal education coupled with skill based vocational education. In line with Prime Minister Narendra Modi's vision of making India a skill capital of the world, and to pave a new path into a new direction of hope, success and good life, many stakeholders of the society are coming forward to join hands together.

The skill ministry and its executory agencies like NSDC National Skill Development Corporation, recognize the importance and ability of private training partners to implement PMKVY and other Skill Programmes in India. The Maharashtra Skill Development (Spoke) Centre – A joint effort of MSBTE and NYCS



Dignitaries at the certification ceremony on 6th Dec.2017 (seated from left) Dr.Nandanwar, Jt.Director, Technical Education, Pune region, Dr. Abhay Wagh, Director, Technical Education, Mr. Manish Kumar, MD & CEO of NSDC, Mr. Rajesh Pande, Chairman, NYCS, Dr. Vinod Mohitkar, Director, MSBTE, Mr. Vishwesh Kulkarni, Chairman, Yashaswi Academy of Skills, Pune & Mr.Umesh Londhe, Director, NYCS.



Mr.Manish Kumar, MD & CEO of NSDC, keenly listening to PMKVY student trainee of the working of an innovative project as with Dr.Abhay Wagh, Director, Technical Education, Dr.Vinod Mohitkar, Director, MSBTE, & Mr.Rajesh Pande, Chairman, NYCS look on at the Maharashtra Skill Development Center(Spoke),Pune on 6th Dec.2017.

celebrated its first anniversary on 6th December 2017 in Pune. Mr. Manish Kumar, MD & CEO of NSDC graced the function. Addressing the gathering, he praised MSBTE for the exemplary work undertaken in setting up the skill development centre and commended and congratulated NYCS for the positive work and outcome that it is bringing to the society. Students were felicitated with certificates of excellence and were guided with words of wisdom by the NSDC chief. A total of about 21000 students at 110 Kaushalya Setu training centers established at various polytechnics in the state, are undergoing the skill trainings in 15 different job roles under the PMKVY scheme. Speaking on the

occasion Dr. Abhay Wagh Director, Technical Education, congratulated the trained students and advised them to take a step ahead in becoming small time entrepreneurs. Dr. Vinod Mohitkar, Director, MSBTE, stressed the need for imbibing different skill sets in the present age of multitasking. Congratulating the students on their success, Mr. Rajesh Pande, Chairman, NYCS, invited them to percolate the good aspects of life and skills achieved for their self-benefit and benefit of the society. Mr. Vishwesh Kulkarni, Chairman, Yashaswi academy of Skills, Pune and other dignitaries were also present on the occasion.



A trainee student receiving the certificate of merit from Dr. Abhay Wagh, Director, Technical Education as Mr. Manish Kumar, MD & CEO, NSDC, Dr.Vinod Mohitkar, Director, MSBTE, and others applaud the achievement.

Visit of Mr. Manish Kumar, MD & CEO, NSDC to Yamaha Training center and Mercedes Benz training center at Govt. Polytechnic, Pune

Advanced Diploma in Automotive Mechatronics (ADAM) is a one year full time course conducted at Government Polytechnic, Pune in collaboration with Mercedes-Benz (INDIA).The MOU for same was as a result of efforts of Dr D.R.Nandanwar, Principal who inked it in 2006 to cater to the after sales service requirements of technologically advanced vehicles by qualified diagnostic technicians. Eligibility criterion for the course being Degree/Diploma in Mechanical /Electronics/ Electrical and Allied Branches, it is handled ably by Prof. A.V. Joshi with Prof. V.S. Sonawane and Prof. R.R.Godbole as trainers.

The impact of “Make in India” drive has been notably seen in a one year full time course Professional Technician Course affiliated to Automobile Skill Development Council (ASDC) sector & conducted at the ‘Centre of Excellence’ initiative of Government Polytechnic, Pune in collaboration with India Yamaha Motors Ltd. As per the MOU signed in July 2017, youth and drop outs shall receive two-wheeler technical training that will enable them to become expert two-wheeler technicians.Prof.A.S Zangpure & Prof.A.V.Joshi being coordinators and Shri P.R.Korde and A.K.Dalvi the trainers.

Contd page 3...



Dear Readers,
My Best Wishes for Happy & prosperous New Year.

It's with great pride and immense pleasure, that I am placing before you, for the first-time as Director, MSBTE, the new year issue of the Newsletter that has an interesting topic "Educational Institutes-are they churning centers for lucrative student's careers" as the

theme.

The traditional thinking has been that college is a place to develop an area of expertise, figure out a career path, and prepare for it during the period of stay. The indication is that those three or four years are the student's chance to develop the skills needed so that when he/she enters the workforce, they're prepared. The major problem one foresees in academia today is that students are off-the-cuff for the workplace. In other words, they lack on the job training. Institutions teach students how to ponder, but they don't provide real world experience and hence the failure.

It's aptly said that the key to a prosperous career or life, is attainment of quality education. Accomplishing a higher education is a ticket to a cheerful future. But are our students prepared for the real domain? Many go all-out to get into the abundant colleges in the hope of obtaining a certificate & after securing it look for a job. New graduates are full with passions to put into practice what they have learnt. However, life outside the fortifications of a college is unlike. Adapting to a new environment under different situations is vital and imperative & to do so knowledge, skills and the ability is obligatory. Students enroll themselves in college expecting to secure all the knowledge and skills the system can provide to them. They have a right not only to be educated but also to prepare them for work. But, for most of the pass-outs, the college education doesn't give them enough knowledge, skills & experience for use in future. It all gives the impression so diverse from the objective, which is to prepare individuals to outshine in the practical life. In today's job market, academic skills alone aren't adequate for triumph. Employers also want employees who have good communication skills to be effective with customers, know how to manage time, and possess managerial skills with minimal supervision. Irrefutably, over 90 percent of industries & businesses value such crucial aptitudes more highly than any specific college attribute achieved.

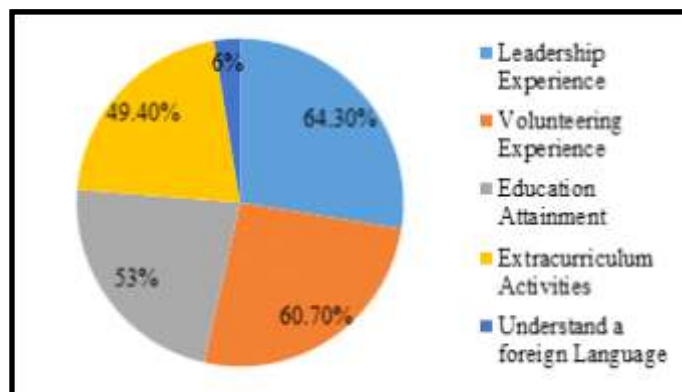
Because the business world is changing so quickly, academia has been left behind. Schools are too focused on exam results and not enough done to equip students for the workplace. By the time students get to college, the prominence swings slightly to focus more on the diversity of a college campus and less on consequences. A system of arranging industry visits to school students should be in place at the school where students can generate interest in innovation, creativity of their choice for further taking up the classes essential for their career.

The archetypal age for attending college is 16 which is after school. During the college years, one matures naturally just by the aging phenomena. And the lessons learnt from working can teach substantially. Students have a responsibility to make an effort, but teachers are obligated to challenge their pupils and force them to stretch higher. The most common complaint any teacher can expect to hear is the famous "Why do we need to learn this?" Students of all ages persistently grumble about being forced to learn material that has little bearing on their futures, knowing little that knowledge is not everything. Students should focus on tasks such as job shadowing, internships, or apprenticeships that are just as important for them once they leave school and seek employment.

Employers recognize the role of colleges in preparing students for the corporate world. They mention that, to succeed in today's global economy colleges must improve on the following: communication skills, critical thinking and analytical reasoning skills, ethical decision making, application of knowledge and skills in real-life

situations, complex problem solving and analysis and working in a team.

Qualities employers look for in passouts



As people clasp new innovations and technologies, higher educational institutions must also learn how to rise up to their expectations. Regrettably, colleges and universities still impart writing through the assignment of tutorials, reports that have an average length of between five and seven pages and bountiful term-work. They need to emphasize on the following areas to prepare their students for battling the practical field.

Ø The classroom infrastructure must be improved. They should be well equipped with the latest technology at work, necessary for the students' training to cope better later.

Ø The curriculum must be tuned with the changing times. It has to persistently modify depending on what is relevant in the workplace. It must include all the knowledge, skills and training components essential.

Ø The teachers must be qualified and dexterous in the subjects or skills they teach. A teacher who knows not anything of a subject cannot effectively teach.

Ø Incorporate into their courses high-impact educational practices (HIP), which connect academic lessons to real situational problems and foster the creativity, collaboration, and critical thinking employers most value. These practices can turn academically engaged students into profession-ready graduates.

Ø Internships need to be mandatory as, students get a firsthand experience of work situations, problem solving and forward and backward communication.

Ø Entrepreneurship is a scorching topic within colleges, and there are innovative programmes that can help and guide the next generation of business creators. But as yet, only a few students are accessing the support needed to go it solo. Colleges should promote how students can reflect on their existing talents and hone their skills to begin their own viable business. Entrepreneurialism doesn't have to be about something out of the box, and career counsellors should highlight the need of freelancers required to work on a project-by-project basis as required by the industry and market.

Ø Strengthening the college alumni for reaping benefit. During grim economic situations, college students need all the help they can get in developing a skill set that marks them sought-after to employers. Competition for job placement is on a high ebb & securing one such is extremely difficult. However, by imparting the skills required at the workforce in students through trainings, compared to obscure and merely attainable simple linked skill trainings, colleges will have their students placed in more financially lucrative jobs. And when the pass-outs get secured income from jobs, perhaps at some juncture, they reminisce that their colleges gave them the tools to secure significant and lucrative employment. When the alumni link employment to their college, they become more willing to donate back to the schools and colleges they gained knowledge from. When the institutions receive donations from their

Director's Desk Contd...



alumni, they cater to the alumni with assurances of implementing a curriculum that fosters job skills. This thrives the cycle of mutual beneficiaries viz. the would be and the existing alumni.

Educational institutions need to infuse & pursue efforts towards augmenting the understanding of what it means to work for oneself, and make freelancing and self-employment visible, thus prompting young people to be prepared for a positive kick-start to their independent careers for achieving greater heights.

These initiatives from recruiting the students, to arranging intense mentorship programs, to partnering with community businesses for job placement leads a long way ahead for the institutes. Pursuing the guidance of students based on their backgrounds is vital to securing them their graduation, and all of this meticulous hard work by colleges is certainly making a mark when it comes to higher achievements of students from a low milieu.

Wholesomely, colleges are doing a better job in recent years of providing a full career sweep before students set foot on campus. This gives them an idea of what to expect when it comes to the courses they will choose to undergo, the mentoring facilities available, the prospect for internships, and the job placement initiatives available for them.

Industries are realizing that they need to offer a good package in order to attract and retain the best employees with high potential, and to create an agile, diligent & focused workforce for the future. In almost all situations, employers will select a candidate with average

skills and a good work ethic over a brilliant impractical candidate.

The real world is not easy, and students who enter it with experience will be more likely to succeed than those who had an easier route. Though one forgets most of the scientific knowledge learnt, what he/she doesn't lose are the research and critical thinking skills that are picked up along the way. They now know how to approach an unknown concept and gather enough information to find a solution. They as well, know how to conduct research and have the logical capabilities to work out problems that confuse. It's not Just What You Learn, it's how you learn it.

A nation's prosperity depends much on the quality of workers it produces. Workers who are once well-equipped students with knowledge and skills and ready to take on the challenges of the foliated world.

The days of the yester year's Gurukul concept of only guiding the students for task performance is back. The key componential factor of the education system for the present generation has now shifted from teaching to learning and the these tech-hungry children & youth need a teacher as a facilitator of knowledge and as a supporting guide to excel, whilst the vision and mission are firmly embedded in their brains.

I am of the view that, it is the responsibility of the institutes to make sure that their students are successful after college since it can be of quantitative help to build their own honor & reputation.

Dr. Vinod Mohitkar
Director, MSBTE

Visit of Mr. Manish Kumar, MD & CEO, NSDC to Yamaha Training center and Mercedes Benz training center at Govt. Polytechnic, Pune



Mr. Manish Kumar, MD & CEO, NSDC interacting with the trainers at the Yamaha training center alongwith with Dr. Abhay Wagh, Director, Technical Education, Dr. Vinod Mohitkar, Director, MSBTE, Mr. Rajesh Pande, Chairman, NYCS on 6th Dec. 2017.



Dr. Nandanwar, Principal, Govt. Polytechnic, Pune, explaining about the training aspects practised at the Mercedes-Benz training center set up at Govt. Polytechnic, Pune on 6th Dec. 2017.



Mr. Manish Kumar, MD & CEO, NSDC interacting with the trainers at the Mercedes-Benz training center alongwith with Dr. Abhay Wagh, Director, Technical Education, Dr. Vinod Mohitkar, Director, MSBTE, Mr. Rajesh Pande, Chairman, NYCS on 6th Dec. 2017.



The visiting Dignitaries pose for a snap with the Principal and a few faculty members of Government Polytechnic, Pune on the occasion.



MSBTE and the Editorial team of Newsletter Congratulates Dr. Abhay Wagh, Director, MSBTE on his appointment as Director, Technical Education, Maharashtra State.



MSBTE and the Editorial team of Newsletter Congratulates Dr. Vinod Mohitkar, Secretary, MSBTE on his appointment as Director, MSBTE.



Industry Speak

“Educational Institutes - are they churning centers for lucrative student's careers ?

Faculty Speak



Sudhir Panditrao

In last decade, educational institutes are being continually opened in addition to the already existing institutes. In today's competitive era, educational institutes are facing tremendous challenges on various fronts including attracting students to get admissions. The scenario in rural areas and or colleges with less reputation, staff & facilities is serious.

Students Expectations

The question a fresh engineer asks as to how he/she can get the first job and get an entry in to the fascinating world of industries. While getting the first job, every student is concerned about breaking the vicious circle – industry is asking for experience and without getting first job there is no experience!

Due to tremendous psychological pressure from peers, parents, and society; students are giving top most importance to 'getting job' rather than transforming themselves to the needs of the industry to build a long term career. This is understandable considering the investments of time, efforts and money that have gone in.

Many students find it difficult to accept that 'there still needs something more than just a degree certificate' to differentiate in the crowd not only to get the first job but also to make a successful career. Having said so, there is not much of guidance and motivation to students. This leads to the lack of confidence and directionless efforts which gets them into the trap of vicious circle!

Educational Institutes Priority

The motive of the educational institutes is simple; survival and growth. This is done by satisfying the students. If for the students, 'getting the first job' is the only priority then obviously same is the priority for the institute! Therefore it is no wonder that today educational Institutes are trying to become churning centres for providing lucrative placements to students and nobody can complain about that.

The educational institutes are required to showcase their placement records to admission seeking students. Therefore it has become their primary Key Performance Index. This naturally has put the other important objectives such as research, development of technology, nurturing faculty, creating common infrastructure for industry etc. at a lesser priority.

Initiatives by Educational Authorities

The educational authorities are taking lot of efforts to develop 'outcome based education' so that the students get moulded to the expectations of the industry and the industry gets 'ready to use' students / freshers.

These authorities are ensuring continuous improvements in Quality of education and are conducting audits to satisfy minimum required standards. The NBA accreditation norms are pushing all educational institutes to give importance to these aspects of performance.

Road ahead

Educational institutes will have to come out of their shell and be focused on performance excellence. This would need multi fold revamping in syllabus, knowledge and skills of faculty, facilities, and infrastructure. It would also need to have close relationship with industry to ensure successful placement and career growth for its students. While satisfying this objective, equal importance must be given to other key areas mentioned in this article.

Sudhir Panditrao

CEO & Director, SAN Techno Mentors Pvt.Ltd. Pune



D. S. Salgude

“Today's education will create our tomorrow. Education is the weapon which can change the world.”

The educational institutes play a significant role in inspiring students. The duty of the educational institutes is to train students in specific field in which they are interested. Students attend schools and institutes to learn and get trained in the field that they love. A student's self-satisfaction is very important for making a lucrative career. The main role of the education systems should be to train students with full of skills for the industry and jobs. Therefore, the educational institutions should focus on the practical oriented education. There are many lucrative careers available in many fields. Hence, education institutes should help students to apply their knowledge to solve the real world problems.

Today most of the educational systems are quite business oriented rather than career. Opposite to this, there are also some institutes that focused on the lucrative career of students. Such educational systems take efforts on building quality student's and by hiring the internal qualities of student take lots of curricular activities like training programs, technology oriented trainings, field visits, workshop activities etc. to make them liable for lucrative career

In my view there is no such field of study which is unable to allow a student to become financially sound. Educational institutions should encourage students to choose fields on the basis of their talent and considering the lucrateness of a career in that field.

Prof. D. S. Salgude

Lecturer in chemistry, GES's Dr. M.S. Gosavi
Polytechnic Institute, Nashik



N. B. Devi

Since education is a powerful instrument of social change and human progress, it is also a powerful tool to cultivate values in an individual. Therefore all the educational institutes have greater responsibility to impart learning and cultivation of values through education. The main function of education is to enrich the character.

“India's Destiny is being Shaped in Four Walls”

is the first sentence in education report submitted to the central government by the education commission in 1966 under the chairmanship of Dr. D. S. Kothari. Four walls are the walls of class rooms of educational institutes where the students and the teachers are expected to work together to develop good human resource for the welfare of mankind. However the present scenario is “India's destiny is being shaped both in four walls and outside the walls”. There has been the great belief and confidence of not only the educationists but also by the common people that education has a great impact on the society as a whole. Educational institutions happen to be the centers of human resource development and the learners who come out of these centers are expected to go the society and take up some responsibility including business. Good human resource with ethical and moral values will develop good business and good business will ultimately give good service to the society. Thus the business and the society are interrelated and interdependent. Educational institutes need to take the responsibility of shaping the future of citizens and society by developing good human resources.

They need to promote social awareness that includes ethical, cultural, health, religious, political awareness etc by reconsidering it's content of courses, curriculum, and method of teaching and evaluation so as to face the challenges of globalization, technology revolution and international competition.

Mr. N. B. Devi,

I/c Head of ME Department
Karmaveer Bhaurao Patil Polytechnic, Satara

**Education is not preparation
for life; education is life itself.
- John Dewey**



Interview of Hon. Dr. Vinod Mohitkar, Director, MSBTE.



Q1. What is the present scenario of technical education in the nation and Maharashtra in particular?

Education purposes the creation of teaching and learning situations not only to produce more knowledgeable, skilled individuals but also to bring about positive impulses in the attitudes and values of novices.

The Technical education system in India has grown in remarkable way after post-independence period and become one of the largest Education Systems in the world.

Our environment, our lives, our cultures, our thinking have in the past few decades have transformed, perhaps profoundly than in any analogous yester years of history. All this has been as a result of the after-effects of discoveries of sciences and applications of technology. The notion of unconditional understanding in the sense of packing all knowledge is perchance no more appropriate today. Our exertions for integrating the customary concepts and ways with the demands of technological era cannot provide modest solutions for our complications and complexities based on such crammed knowledge. The boundaries of knowledge are themselves increasing rapidly making it possible to develop newer and more proficient methods of solving problems of the mankind and the global constituents.

Our country has always been identified as a knowledge hub since the beginning of human civilization. The scenario of the recent years may not have been very satisfying and perhaps even now to certain extent there may be a hazy gloom, but this may not last for long. Every system or a process normally undergo changes for the betterment, failing which it either suffers to perform to expectations or it vanishes in thin air. Hence, the technical education scenario in Maharashtra looks pretty much like a sine wave and is presently heading towards the portion of the rising curve. I am optimistic to see changes for the better.

Q2. What reasons do you attribute to the plummeting number of admissions to engineering diploma courses?

The number of engineering diploma seekers & admissions just like all professional courses have been on the decline since a few years. I attribute it to reasons that vary from state level, regional level, district level and village level. There are widening numbering of courses across the educational horizon for the students of SSC and HSC for furthering their educational graph. Perhaps our efforts have not yielded enough, in fulfilling the need of the people at all the levels of living. Desires, requirements of industry, employers, employees, employable & the young & youth are fast changing along with technological advancements. Rapid changes in economic policies for the better, altering progressive world scenario, innovations and adoption of technology based gadgets have been key factors apart from outdated curricula, fast changing desires and industrial requirements. We need to have a glasnost and perestroika feeling to act and act for achieving excellence. Ignorance of rural youth of the paths, opportunities available and the Government schemes of development has also contributed to the present admissions scenario.

Over the past few decades, with thousands of technical institutions mushrooming in the country, the number of seats available for aspirants saw a steep rise to meet the demand. However, in the recent years, the present generation of students have a predetermined approach to life as they are well aware & are quintessentially exposed to the world of reality through the internet and with plenty of options available than were earlier, the supply has outstripped the demand. The imbalance has been observed and phase wise corrective measures are in motion.

Q3. What are your short term & long term plans as Director MSBTE to enhance and propagate diploma technical education in the state?

The system of education has to make sustained efforts for fortifying knowledge and conquering modern skills and techniques than merely packing and distributing the traditional ones. The technological diploma education system has to be continuously reviewed, revised, renewed and implemented for better minding and perfecting skills and harnessing science and technology for yielding quality outputs that can be profitable and uplift productive processes of social well-being & fiscal growth.

The industry is intensely and compliantly beholding at the quality of pass outs from the technical degree and diploma institutions. They intend to invest little on training and knowledge up-dating of fresh recruits and anticipate them to be ready for action on the shop floor/site. We at MSBTE have in the recent revision of curricula taken enough care to meet the needs and we would be validating our outcome based curricula by industry experts and academicians more than once before its implementation.

We propose to have more interactions between industry and institutions to bridge the gap between industry practices and knowledge delivered. More memorandum of understandings are planned and shall be executed in the short term.

Nonawareness of the opportunities available and ignorance of the future trends, the rural youth get devoid of information and as such take decisions to perhaps repent later at a point of no return. MSBTE shall enhance the means of establishing & achieving better contacts and impart motivational contents to boost the awareness through career fairs.

The diploma admission procedure in Maharashtra should be in sync with the 11th standard online admissions. MSBTE has in the right earnest, tipped off the authorities concerned for a look into the matter keeping the interests of the students utmost.

MSBTE plans to achieve fineness in usage of technology to suit the working of it's offices and it's stake holders by furthering the concept of paperless activities in real terms. In the long run, we shall ensure to contribute to the environment by minimizing the use of paper.

Industry and institutions have a joint responsibility to coexist, cooperate and coordinate with one another in benefitting the student community. MSBTE plans to play a mediatory role by enhancing industry interactions with institutions through mandatory industry visits, industry expert lectures, and adoption of industry based projects that can be beneficial to industries in increasing output and last but not the least the updating of knowledge of the industry personnel by the institutes.

Looking at the present trends and future need, MSBTE plans to make it's foray into skilling in a big way. It plans to stitch out a way into catering to the skill needs of the unemployed youth, impart knowledge and skills that shall be a combination of technical and vocational education. MSBTE also plans to explore the possibility of in the long run cater to integrated technical course leading to graduation, thus perpetuating a vertical mobility charter for the skill possessing youth.

To ensure quality education, the institutes should be quality conscious theoretically and in practice. Hence, we shall initiate measures on the lines of the national technical education regulatory authority (AICTE) in ensuring institutes securing accreditation.

Q4. Are there any strategic plans to improve employability of diploma pass outs at the institutional level? If any, kindly elaborate.

Employability of diploma pass outs has ever not been a cause of worry. It has been a known trend that almost 90% of the diploma pass outs pursue higher education. The remaining students who either are ineligible or due to financial constraints opt for securing jobs. However, it has been a practice by the industry to choose the cream of the diploma stream for jobs during their placement programs. It's however observed that, the selected/ chosen ones do not join the industry as their priority then is to continue their education & secure a degree. Hence, the needy students who fall in the lower merit of mark attainment are devoid of jobs. Of late, the industry has begun to select students of the lower merit albeit fulfillment of their earlier criteria and have been satisfied with the quality of input selected.

MSBTE has revised its curricula and implemented the same from this academic year. The revised curricula has been as a result of vast contribution of industry experts & academicians with the main focus on industrial quality manpower requirement & practical approach towards employability. Thanks to the industry for its initiation in the exercise, that was long wanted, failing which the updating wouldn't have been successful.

A compulsory internship program of 6 week duration has been made mandatory for all students after the 4th semester. The aim of introducing this is to ensure that our students secure a feel of the industry working and culture which in due course shall be of immense help to him and industry too. Furthermore, the present generation



“Educational Institutes - are they churning centers for lucrative student's careers ?

Interview of Hon. Dr. Vinod Mohitkar, Director, MSBTE. contd...

students come out with out of the box ideas and views which can be innovative and of great use for implementation in industry or else who knows, the student can himself stand to become an entrepreneur himself.

Q5. How can industry participation be improved?

Even with the Industry adopting the vast technological advances in their processes, they have been observing a sinewave curve in the performances. Perhaps, they must have analyzed the reasons behind the same. On many occasions during my interactions with industry persons, it has been perceived by industry of the poor input quality of human resource with outdated knowledge of materials & processes and above all poor communication and participative skills. The industry culture, behavioral skills in force are indeed different from the student's attributes that they possess during their learning days. Hence, the onus of the enormous gap being felt by the industry, simmers down on the newly recruited.

Instead, the industry should help the learners by face to face communication viz. guest lectures, industrial visits, industrial trainings etc., thus becoming a link to their future. Petty problems in industrial processes can be allotted to students as micro projects for study, modification and solution providing. Feasible incorporations of solutions suggested with successful implementation at the industry can be beneficial both to the industry and students in terms of increased output and practical knowledge gain respectively.

Further, industry does have employees viz. Blue collar personnel etc. who need upgradation of the theory knowledge for technology implementation. The same can be achieved at the institutes through trainings conducted by faculty of the institutes thus mutually benefitting one another.

Large industries can directly participate in developing and adopting tailor made short term courses for unemployed youth, who can be immediately absorbed in the industry after due completion of the course thus saving the training cost, time and other resources. Such collaborations are already in place in a few institutes. They only need to be increased in number with the active participation of the industry.



Sachin A. Patil

Education Institutes has its roots in the industrial revolution and prepares young people for a world that no longer exists. Traditional universities were designed to produce many “copies” of certain types of people—teachers, doctors, lawyers, engineers, etc.—who, after “charging” their batteries with knowledge, would staff specific positions of industrial societies and would remain there throughout their careers.

Today's world is very different. As technology develops ever more rapidly, any given body of “knowledge” has an increasingly shorter life span. Information technology automates more and more professions, destroying traditional jobs in entire industries. Success today relies heavily on individual flexibility and creativity. The new world rewards diversity, not uniformity. And being different, apart from possessing hard knowledge, requires “soft skills” and personality traits that are not taught in most of today's universities: social intelligence, passion, curiosity, optimism and, especially, common sense.

Companies can make an impact. Establish partnerships with universities to help prepare graduates for the workplace. The traditional heavily researched historical case studies that are at the heart of many business schools syllabi must evolve to include real time “live” dialogue on real business issues both inside the classroom with company executives, and outside the classroom through consulting assignments, research projects, case competitions and internships.

Mr. Sachin Akaram Patil

Lecturer, Ashokrao Mane Polytechnic,
Vathar tarf Vadgaon, Kolhapur.



S. C. Hanuwate

In the today's world of industrialization, urbanization and globalization, competition for good career is increasing day by day. In this new era, the students will have to understand this very well that in today's era of information technology revolution, many career options have been opened for them from which they can choose any suitable course and area of their choice and move forward so that they can achieve success. But such a suitable selection by the student after 10th and 12th is not so easy. There are many disputes in determining the direction of the career. Which course and which institution to choose, this becomes a very difficult question today. There are so many professional courses in diploma and degree of engineering and technology and many best qualities educational institutes are also available now days where the student's requirements can be fulfilled. Paradoxically, due to the new landscape of education and ignorance of career directions by the students and their parents, many students remain deprived of the best career option despite their merit and talent. Sometimes it has been seen that talented students are also cheated by themselves while taking admission due to having insufficient knowledge about quality educational institutions. Therefore students should sit and consult together with parents and career specialists to determine which courses they choose after the 10th and 12th, which are useful to them and which educational institution they have to choose, where they cannot be cheated.

Before taking admission in any educational institution, student should thoroughly investigate that institution. If possible, with the students studying in that institute, get information about the educational facilities and placements of the institute. The educational institutes must provide all the facilities which are beneficial to the students. There are many educational institutions which do not provide the necessary facilities to the students related to their career. Besides study other activities such as cultural, sports, industrial visits, industry expert lectures, socio-economic, project and paper competition, quiz competition, In plant trainings etc. will have to also arrange and organize by the educational institutes so the students get benefit and percepts knowledge of such things. Institutes will have to improve their result and placement cell which is the most important thing now days. Besides result and placement cell, Entrepreneurship Cell will have to be also establish in institutes so that student can get benefit of that because in current situation getting job for everyone is very much difficult.

Many educational institutions have started new courses but there is lack of faculty for teaching, lack of availability of equipment facilities and it is also found that there is also lack of experience in the faculties to perform the practicals as per the need of requirement in industries. Accordingly, it is very mandatory for the educational centers that they must churn before run the institute otherwise it will ultimately spoil student's career. Besides that there are also so many institutes which are performing very well but the quantities of these institutes are very less. So it becomes very much important for the each and every education center they must churn specially for the lucrative student's career. Responsibility of each and every educational institute is increased now and also effect has been seen in terms of fewer admissions especially in diploma and degree of engineering and technology in last 3-4 years which ultimately being the reason of closure of that particular course. So it is very important to update the institutes to meet current and future challenges and also to encourage quality and research work in education which ultimately meet the latest requirements of technology and industry.

Mr. Sandeep C. Hanuwate

Laxmanrao Mankar College of Polytechnic, Amgaon, Gondia



Faculty Speak Contd....

“Educational Institutes - are they churning centers for lucrative student's careers ?



Ms. P. P. Patkar

Before discussing about this topic let us first understand the actual meaning of the phrase “Lucrative Career”. Lucrative career briefly states the career option which is very profitable and leads to higher income. Technical education such as engineering studies is considered to be among the topmost lucrative career options. So the question remains whether the education institutes are taking necessary efforts so that the students can lead the lucrative career. Today the scenario is such that institutes produce engineers but whether these engineers are employable remains the major question. To have lucrative career, being an engineer with the excellent academic record is not sufficient. Education institutes must produce the employable engineers too. For this, education institutes becoming the churning centers for lucrative student career is the need of hour.

For this to happen special efforts need to be taken at institute level for overall development of students thus making them suitable for the industrial scenario. Companies often complain that they are not getting the graduates with the skills they need. Considering this, there are three things that need to happen to get companies the skilled graduates they need. The first is to understand that this problem of employers not finding graduates with the right skills can be solved from bottom to top. Secondly, we must insist that prestigious education institutes, which are on the front lines of workforce development, use available research to ensure that their remedial education efforts are directed at helping students become workforce ready. Thirdly, every student must understand that they have a significant responsibility for understanding what employers want.

Considering these above mentioned facts, education institutes are definitely taking the remarkable efforts to churn the students for getting into the lucrative career option. Today, education institutes have their separate Training and Placement Cell which takes the special efforts to produce skilled graduates as per the requirement of the industry. Considerable activities are carried out under this cell, which develop the skills among the graduates. Special budget is assigned at every institute for the training and placement activity.

Also prestigious companies are invited in the institutes to conduct the placement drive so that students may get placed in the topmost companies and find their lucrative career opportunity in the institute itself. Special emphasis is given on the overall development of the students and to make them suitable for the best career option securing their future. Education institutes make it their topmost priority that each and every student must be placed either in the topmost company or opt for the higher education so that their path for lucrative career is set by the institute itself.

So we can definitely conclude that, education institutes truly are the churning centres for lucrative student's career.

Ms. Pradnya P. Patkar,

Lecturer in Electrical Engineering Department
Rajarambapu Institute of Technology, Rajaramnagar



Ms. T. R. Nagale

Educational institutes provide us large variety of learning environments and learning spaces to students which helps to develop own career. The expert lectures which are held in the institutes on various topics such as personality development, SAP, interview techniques regarding the field of student's concern branch help a lot and make the students career oriented.

In academic year 2017-18, MSBTE has started I scheme which is the best opportunity for the students as well as teacher to improve their knowledge to the industrial level. Career fair is organized for the student which is the best opportunity for students for getting placed in industry.

Ms. Tanmayi R. Nagale

Lecturer, Pillai HOC Polytechnic, Rasayani, Raigad



Ms. A. J. Desai

Only educated citizens can lead the nation to prosperity, so to bring it into reality by giving proper education should be our first priority.

Engineers are called as the builders (backbone) of nation. Every parent want their children to have a better life in the future so they want their children to be educated from the college that can give high paying job and earn much more. Engineering is one of such profession where everybody looks as a lucrative career. By 2020, average age in India will be 29 and it is going to become the world 'youngest country with 64% off its population in the working age group.

It becomes important for educational institutions to give quality education which will create quality engineers instead of giving only certificates. Colleges should have their own career Counselling Department where they can beat.. heat.. compress the students to shine their knowledge and personality like a Diamond, which will motivate students and boost their confidence to stand them firmly in any difficulty of their life.

It is prime duty of educational institutions to inculcate the confidence and nurture the creativity...ideas...innovations among the students which will make them to stand firmly and represent themselves better in this world. Subjects like DLS, Behavioural Science are learned only as they are included in curriculum. Nowadays quantity of colleges are increasing while its education quality is subject of analysis. Profit hungry management, lack of skill education, actual implementation of government schemes, genuine monitoring of institutes, rote learning methods and shortage of faculty (both quality and quantity) are the major issues behind it which should get changed immediately.

The condition of education in rural colleges is stranger than city colleges because of easy availability of resources in city areas. But some institutes are doing good work for students future and trying to become better than now which is really appreciable. Government is introducing new learning methods but its implementation should made genuinely and assess institutional performance transparently as they are creating “Future of Our Nation”

We always blame on quality of teachers, education, educational institutions, government policies... Because quality of our Effort is lowered.

Government is trying to make the education quality better but its our duty to implement it genuinely. So let's increase the degree of our efforts which will transform our nation into a “Developed Country”.... “Dream India of our President Dr. APJ Abdul Kalam”

Ms. Ajita Jairam Desai

S.B.N.M. Polytechnic, Aurangabad



Anita K. Bodke

Educational institutes are the base for student's career & without system, can't produce the great students for the future. But now a days some Educational institutes are business oriented. Education in India is provided by the public sector as well as the private sector, with control and funding coming from three levels: central, state and local. In today's education system, some institutes focus on quantity, forgetting to build the bright future of student whilst some give more practical knowledge & resources to students. It's the teacher, who makes the system better and hence the educational institutes should create proper plan for staff so that they can produce great deal of profit for students. Firstly, we need to draw a hard line when it comes to expecting quality. Secondly, we must empower all learners so they can choose a meaningful education and career. All too often, students don't have the support system to make informed decisions about their future, or real-life learning experiences that help determine what they want, or don't wish. To support and facilitate learning, we must relook teacher training programs, encourage dual subject or learner-level certification, and enormously expand the role of industry experts. Lastly, we must form systems concentrated on supporting learners – not around those who work for or who are in it. We must break down silos, shed labels, take a solemn look at our policies, funding strategies and urgencies and lay learners' education and career success first. Only then can education institutes become churning center for lucrative students' careers.

Prof. Anita Khanderao Bodke

Lecturer, K.V.N.Naik Polytechnic, Nasik



Faculty Speak Contd....

“Educational Institutes - are they churning centers for lucrative student's careers ?



Sandhya Shetty

In the world of technology, every University offer courses on various subjects to cater the needs of the society. Actually it tries to cover a wide spectrum of practical based theory which are bound to be more lucrative than career in some others. The technical education in India tries to provide quality education which it is offering without being influential by the presence of career path in that field. Every Engineering institutes actively encourages their students to choose fields of study that will prepare them for the lucrative careers.

Now-a-days students joining educational institutions, generally have a good idea about the field, he or she is going to pursue. However, due to inexperience the student may require advice regarding the benefits and pit falls of choosing a course. To avoid such confusions many of the Board conduct orientation and counseling services. Those services in fact benefit the student as it deals facts, putting the pros and cons of a particular field in front of an aspiring student. They indulge in encouraging or discouraging a student towards a particular course of selection.

Many of the institutions started actively encouraging their students to choose fields of study that will prepare them for lucrative career. For example a student of engineering might earn more on graduation than a student of Literature at present. But that doesn't mean that students should not take up the field of Literature or there is no requirement globally for Literature graduates. Such a move on to the part of the educational institutions will make the students choose subjects depending upon future career rather than their passion, thereby efficiently turning educational institutions into a vocational training centre. This is against the very basic ethic of educational institutions which ideally should be the places, where the students are provided the necessary support and conditions to pursue their field of choice.

Sandhya Shetty

Lecturer, Thakur Polytechnic, Mumbai



Kavita G. Gare

“Practical and skill oriented knowledge leads to bright career of student”

Now days, some educational institutes are just only for the brand name. Some of them do not make lucrative student's carrier. These institutes are mostly operating like factories and treat their students as a product. This mindset makes them to treat their institutes as the business centers which would create money for making their profits. But in this process, they conveniently ignore output qualities required for student's survival and offer students a piece of paper to which some of us call certificates. Also, some of the institutes showcase their physical strengths to students and parents-like institute's infrastructure, campus, traveling facilities, well-organized classrooms, highly qualified staff etc. and convince them about lucrative student's brilliant career. Parents, in most of the cases, fall into their trap without confirming backgrounds and real facts. This must not be the way for choosing educational institute for lucrative student's carrier.

Actually, while choosing institutes, parents should aware about the practical things conducted by the institutes which are necessary for developing the student's practical skills. Parents should also check the institutes previous year placements as well as students record. That means how much the previous year students are skill oriented in their respective subject. Parents should discuss with the institute staff about the teaching and learning effectiveness and ensure its impact on the students and their future.

On the contrary, there are also institutes that are best donors for lucrative student's bright carrier. These institutes runs programs like expert lectures, quantitative aptitude tests, IQ tests, industrial visits etc. so that students knowledge becomes not only practical but also skill oriented. They take deep efforts by encouraging students to adopt skillsets and qualities required for them in future. They periodically monitor and measure quality teaching of their staff. This will definitely lead students to their lucrative carrier.

As per my opinion, among all the educational institute's, very few of them gives career oriented education and most of them are just only the business centers and do not pay attention towards the student's skill developing and profit making career.

Prof. Kavita G. Gare

Lecturer, GES's Dr. M. S. Gosavi Polytechnic Institute, Nashik.



Mrs. Swapna Naik

When todays youngster sit down to choosing career options, opportunities and choices have increased to such a large scale that decision making occupies much of our time. When choosing careers, Indians in general have been known to limit their choices to more lucrative and “safer” fields such as engineering and medicine. Society and Parents also encourage their wards to select science subjects to ensure steady careers. So rather than following their hearts youngsters tend to follow what the society dims lucrative for them. In our school days we go at lengths to develop our personalities in varied direction as is thought fit by the pedagogy passed on to our teachers. The real blow strikes when we have to choose the career path where decision ultimately comes down to choosing between science, arts, and commerce. It is at this juncture that we find ourselves incapable of making decision which lies in connotation with our real aspirations. Career choices have always been money driven rather than aspiration driven given the fierce nature of competition our youth has to face to get the limited resources available in the nation.

In the given scenario if we could find people who aspire to engineering career when they choose it as a choice for their future bread and butter then we would have people with a passion pursuing their dream of building a nation. A man with passion in engineering can change the face of nation. Engineers can create or build a world which could be very just. The very nature of training engineering students or aspirants undergo, intensive training equipping them to go into the root of all problems, plaguing the society and applying the knowledge to provide simple solutions to complex problems to simplify the day to day living of the common man.

To provide such outcome based education institution the world over strive to make the most of the limited time they have to influence the students' personality and various aspects which in sum totality make up a man. By tying up with industry to design the curriculum and with the help of internship they try to mold the students to best fit the industry needs.

The introduction of subject which gratify mans need to fit the social bill, like communication skills, development of life skills and environmental studies develops their persona as a responsible and ethical citizen of the world. Moreover the social milieu of educational institutes exposes them to various strata of society allowing wide variety of interactions across various social strata. This helps them to use their technological skill for the various organization in accordance with the needs of today's world. Thus it would be safe to say that educational institutes are responsible for churning out career oriented as well as all rounded personalities of the students.

Mrs. Swapna Naik

Lecturer, SBM Polytechnic, Mumbai

Theme of the Next issue
“Is technology getting
in the way of our
ability to write and
communicate
face to face?”



Student Speak

“Educational Institutes - are they churning centers for lucrative student's careers ?



R. B. Kapoor

The educational institutes such as Polytechnic, Medical, Engineering, Pharmacy, B.Ed etc. demand high fees from the students. Many students come with a vision but due to poor financial state of family they could not perceive their dream. Nowadays money had taken the place of intelligence. During the admission process many institute demands donation for the admission. The donation can be only given by the students from a good family background (rich family) and sometimes such kind of students who take the admission in an institute on the basis of the donation do not have potential to complete their education by scoring good marks and acquiring basic knowledge of subjects. Due to such kind of student the seats get reserved in management cotta as a result the seats get reduced in the CAP rounds. So the students who are capable of taking admission could not get admitted in to their dream institute.

But if we see most of the technical institutes providing professional education have high fees structure because they have to provide the updated knowledge, innovations through new technologies such as ICT based infrastructure and for that purpose many technical components need to be purchased. Also institute has to bare the expenditure of advertisements to create the awareness about professional education among people. So directly or indirectly it affects on the fees structure of educational institute.

Solutions:

- The government can help the technical institute so that the problem of the fees structure can be solved.
- The government can help the slum area children who have the potential but cannot complete their education due to the lack of money by giving them some more financial facilities.
- The whole admission process should be carried online by the government and there should not be any reserved seats for management quota.

Lastly I would like to say that the Education institutes are not the churning centers in reality for the lucrative student's career.

Rakshanda Bharat Kapoor

TY CO, Matoshri Aasarabai Polytechnic, Eklahare, Nashik -



M. A. Karjekar

Education, Why Education, Anyone can live without Education?

The answer is NO because for further improvement for our lifestyle and great future, education is must and to achieve this we need to have educational institutes. Educational institutes provide us better opportunities to build our lifestyle future personality and career. In today's system our educational Institutes have been a better encouraging partner for the youngsters. Great knowledge hunt without better facilities and opportunities is like bird without wings. It is almost impossible to soar high in the sky for that bird. So, these young guns should be provided with the basic solid and concrete platform to take off. Now MSBTE has started 'I' scheme which is Industry-Institute Interaction. This transition is not merely from 'G' to 'I' scheme, but it is an opportunity for the students sharpen and test their knowledge and skills to meet the industry expectations. So, I feel this is a great initiative attempt by MSBTE to build a bridge between Institute and Industry.

Muhafiz A. Karjekar

T.YIF Pillai HOC Polytechnic, Rasayani, Raigad

**Educating the mind
without educating the
heart is no
education at all.
-Aristotle**



S. V. Kawade

“Educational Institutes- are the churning centers for lucrative student's careers?” Yes, because they provide all facilities and also guidance for students lucrative careers. Student achieves all things related to their field and how to handle situation and gain the knowledge from respected staff in the educational institutes.

In Educational institutes students enjoy every movement like cultural activity, sports event with their academic activities. They provide all healthy environment for bright future of the student and give opportunity to develop their skills which help in their career. Educational institutes provide qualified staff and they having experience in that field. Hence, they teach or guide new techniques or update knowledge to the student. So, that student achieves the success in their field.

Kawade Sheetal Vishnu,

Student (S.Y.D.Pharm.),

Shiva Trusts, Pratibhatai Pawar College of Pharmacy,
Shrirampur.



Om Viren Shah

Education provides us knowledge of everything around us and changes us for something better. It develops in us a perspective of looking at life. It helps us build opinions and have points of view on things in life. One person alone can never achieve tremendous feats in all the different subjects starting from the grass-root level. Educational Institutes provide a sturdy foundation for the students upon which they can build their career.

Students gets the first-hand experience of any subject from the school. So, it is the onus of the schools to give the right exposure of every subject to the student. The student can then decide which subject intrigues him the most and can pursue further education in that field. A wrong decision can mar a student's life. Universities provide the tools with which the individual can further develop his skills and be a specialist in that field. Educational institutes are the primary centers for imparting knowledge, be it any level of academia - kindergarten, school, higher education. They are the guiding systems for leveraging any student's career.

Students are highly dependent on institutes. So, it is the responsibility of the institutes to give high quality education. Most student's confine themselves to the syllabus. So, the institutes have to design an extensive curriculum with appropriate depth needed for each subject. Also, the technical institutes have to design their syllabus in such a way that they keep their students up-to-date with the technological advances and also that their knowledge doesn't become stale in a year or two. The institutes also include subjects like development of life skills, life sciences and personal development to instill ethics and morals in one's life. The institute is non-existent without a good panel of teachers. Institutes organize teacher training programs so that the teachers can also improve their skills. In turn, this enriches the student's learning experience. The institutes organize competitions for the students. Competitions offer a chance for participants to gain substantial experience, showcase skills, analyze and evaluate outcomes and uncover personal aptitude by the students. Many institutes provide financial aids in terms of scholarships. This assures the student's that they won't be falling behind in life because of financial reasons. Through field visits, the students can see the live implementations of the concepts that they have studied and which cannot be demonstrated in the institutes. Through expert lectures and seminars the students can interact with industry people. They can guide the student's well. Institutes provide libraries. Students can easily get the books that they need without them having to go through the difficulty of finding the books.

Thus, institutes provide a climate which nurtures logical thinking and transforms a person into competent professionals. In a way, the institutes are the churning centers for lucrative student careers. Though, it is upto the student to benefit from whatever is offered by the institutes. The career of a student depends on how well he performs. Not only the institute can act like a catalyst, it gives the direction for further professional development.

Om Viren Shah,

IT Dept., SBM Polytechnic, Mumbai



Student Speak

“Educational Institutes - are they churning centers for lucrative student's careers ?

MSBTE Trainings



S. K. Gaikwad

In Education Institute career guidance programs aim to help students make more informed and better educational and career choices. Arranging job shadowing work, placement and community based learning programs to allow students to directly experience work place situations. Supporting workshops, focus groups and distinct presentations that focus on job skills and personal development, providing dedicated counseling and intrusion services to provide student with customized attention.

Educational Institutes provides career management system, campus recruitments and career study program for students which will be helpful for choosing a right job.

Gaikwad Sonali Khanderao,
F.Y.D.Pharm.

Shiva Trusts, Pratibhatai Pawar College of Pharmacy,
Shrirampur.



V. V. Karhadkar

Since institutes in Maharashtra at diploma level organize various quiz competitions, technical paper presentation sponsored by MSBTE are very beneficial for the students in their career path and it also plays a vital role in the development of students knowledge gain

process and presentation skill development to face the challenges in their career time. The expert lecture / guest lectures which are held in institutes on various topics such as interviews cracking techniques, personality development or introduction to latest knowledge regarding the field of student's concern branch help a lot and make the students career ready.

By implementing job fairs in institute's level, gives an opportunity to students for enrolling in jobs rather than throwing them in troublesome confusion.

Vishwashree V. Karhadkar
T.YCO Pillai HOC Polytechnic, Rasayani, Raigad



T. R. Lolage

“Educational Institutes- are the churning centers for lucrative student's careers?” Yes,

because it inspired students and develop skill to achieve success. It provide all knowledges, practical training along with guidelines related to their field and also made available various facilities required to the students which develop students in all manners. Institutes arrange

lectures, seminar, conferences and sports activities for students.

The staff of institutes also help the students to select their career by giving proper guidelines. So, the students achieve a position to take right decision about their bright careers.

Lolage Trupti Ramakant,
S. Y. D. Pharm.,

Pratibhatai Pawar College of Pharmacy, Shrirampur.

Training & Development is a very vital component of any human resource development. Training is a program that helps faculty learn, espouse and imbibe specific knowledge or skills to be preached and practiced on a daily basis in life, the impact of which is being observed by one and all, both at the workplace and at home. Today, training has become more pragmatic & is globally important since it aims to prepare manpower for new jobs. Training is also indeed necessary for an all-round personality development and technological progress of the faculty, which infuses in him vigor, energy and a feeling of being motivated thus leading him to work for his student's overall development.

A revision in curricula due to technological developments necessitates the training of faculties at institutes so as to make them ready to encounter the volley of absurd situations, both in and out of the classrooms. MSBTE has always been on the forefront to ensure the amalgamation and utilization of new technological advances into the system. It conducts industrial trainings mainly to contribute to the increased need of development of faculty in two factorial aspects viz. Change in Technology and process development.

During the winter examination months starting October to December 2017, a total of 10 Industrial Trainings were conducted benefiting 193 faculties. Industries involved were M/s. Reliance Infra., Ltd., Dahanu Rd, M/s. MSETCL, Chandrapur, M/s. TATA Motors Ltd., Pune, M/s. Nashik Engineering Cluster, Nashik etc.



MSBTE Faculty Training Program at M/s. Institute of Satellite Telecom Pvt. Ltd., from 18th to 20th December, 2017 at Pune



MSBTE Faculty Training program at M/s. Reliance Infra. Ltd. Dahanu Road, between 11th to 13th Oct., 2017



A trainer training the faculty at a Faculty training program.

Education is the key to success in life & teachers make a lasting impact in the lives of their students.
– Albert Einstein

Success Story Of Diploma Holders



Prof. (Dr.) Vandana Bhatt

When I look back to my Bhagubhai Polytechnic days in the year 1974, I stretch to its neighbourhood – my school days in Kanbai Lalbai school – a Gujarati Medium Girls school in JVPD. Being a vernacular school girl, my most natural choice was SNDT where I joined Arts stream in the year 1972. I could have never dreamt to become a Professor at IIT Bombay.

Having been a student of SBMP in its Civil Engineering branch, I had the privilege to top the list of successful candidates in the Maharashtra Technical Board. Much less, I dreamt of being the Bombay University topper in Masters of Engineering in the year 1993, and to be Sydney Rose Awardee for Ph.D. from Iowa, USA (1997). I have been nominated as Fellow of Institute of Engineers and several other professional bodies including being a Member of American Bar Association.

In between this memorable academic success, I was greatly privileged to serve from being a Junior Engineer in Government of Maharashtra to be a direct recruit in Class I services of Government of India (Department of Atomic Energy).

On Professional front, I was luckier. Having been, the first elected Woman Secretary of Institute of Engineering (India), I was invited for lecture to Women Engineer, Members of American Society of Civil Engineers at Washington, USA. I represented Indian Fraternity of Engineers, hosted by American Concrete Institute at International Seminar of Concrete structures at Washington, USA. I have chaired International Professional Conferences at Hong Kong, New Delhi and Mumbai. I have had the privilege to join Techno-Legal Tribunals with Judges from Supreme Court and High Courts of India.

On Social front, I was a Team Leader for Honorary Consultants for Rehabilitation of Earthquake affected, Amran village in Gujarat and many other works. I was mentioned in “2002 International who’s who of Professional and Business Women Award”. FICCI conferred “Best Woman Professional” for the Year 2008-2009. In year 2008, I got IBC award for excellence for Rehabilitation / Retrofitting of Buildings and Buildings in disaster prone areas.

I have been awarded “Dadabhai Naoroji International Award by Dadabhai Naoroji Centenary Committee” in 1998. I have been felicitated for “Award of Distinction” for Culture Heritage Conservation Work by UNESCO, 2007.

Having had successful academic, professional and social status, I could look to and touch these horizons, as a student of Bhagubhai Polytechnic where I very lovingly also served as a Teacher for number of years.

Today, being a reasonably successful professional, I authored a Text cum Reference Book on “Laws for Engineers” – the first of its kind and contributed number of technical/professional papers. I owe for all this, to my most beloved Alma mater – Shri Bhagubhai Mafatlal Polytechnic, where I cherish floods of fond memories. For me it was my cradle from where I jumped to my dreams. I can only say, whatever may be my profile, I owe to the strong foundations I received at SBMP and for the affection and blessing of my friends, colleagues, Gurus at SBMP, I have no words to say “Thank You”.

Mrs. Vandana Bhatt

Technolegal Consultant, Project Services. Mumbai



P. A. Borkar

In my school days I had a dream to become computer science engineer and wanted to benefit the society by automating various processes. I nearly got 90% in my SSC results and after consulting the elders and others, I opted for diploma. Govt Polytechnic Mumbai was first on my list and viola I got a seat there. I was approaching my dream and thus learning the basics of coding languages and database. Although ATKT didn't leave me until my last semester, but I was going deep in understanding the xyz of computer and its applications. After successfully completing my diploma with more than 80%, then I took admission in Engineering. I got admission in Rajiv Gandhi Institute of Technology which is one of the good college for CSE. In those engineering days, I learned the lessons of developing a system and building team, management of various resources and activities and so on. In one of the engineering subjects, one was communication skills. The lecturer gave good advices to all the students to pursue their dreams and tips & tricks on getting selected for the placements and interviews.

Along with that she gave me a suggestion to read newspaper named “Economic Times” for the latest updates and the technological world. This was the first introduction of entrepreneurship in my life and the newspaper was full of technology and economic conditions of India and world. In the year 2015 there came a web series named “TVF Pitchers”. I already had a lot of interest to solve the general problem of the masses and starting on my own. I had read a lot of success stories, failure stories and dozens of motivational videos each and every day.

Then came the incidence which gave birth to my idea. One of my friend got injured in an accident and he was groaning in pain. We took him to the nearest hospital which was a government one. Seeing multiple long queues, just to register a patient, it was not even permissible for the pain at which each and every patient stand. This was the problem and it needed to be solved. Then came an idea to use the Aadhar of Indian citizen, “AADHAR CARD”. Using aadhar card data we could register the patient within fraction of seconds without typing anything.

I found the problem and also the solution, now it was time to test it in the market and see if the actual user would love such a system. In the process, I asked two of my engineering classmates to join me in this venture. We went to multiple hospitals to see whether the hospitals would love such system. 3 days long on field and viola we got 2 of the hospitals saying yes and one of them was Cooper Hospital. Seeing a positive response, our mentor, Mr Devesh Chawla said go ahead with your idea. We started building system for them. In April 2016, we deployed our system in Cooper Hospital. Later we also deployed our system at a very renowned Dermatologist in Andheri. After that we continue our journey and now we are having 10 clients. In this journey I have made very good friends and also meet the best in the business. Now I have a team size of 5 members. I have handled a team of more than 20 interns.

I would love to say this via my story to all the youngsters out there to take risk at an early age. Learn, stand, grow. Sometimes you will fail or fall but again stand up and continue the show. It's your life, make it worth reading.

Premnath Ashok Borkar

VPS Tech hub, Navi Mumbai

**The roots of education are bitter,
but the fruits are sweet. - Aristotle**



Success story of Puranmal Lahoti Government Polytechnic, Latur



Main Building Of P. L. Govt. Poly, Latur

Development in Technology is the need of any country for the upliftment of socio-economic status of the people. By recognizing this need, well known social reformer late Shri. Babasaheb Paranjape and his friends came together and started the first private Technical Institute "Puranmal Lahoti Smarak Technical Institute, Latur". It was established under the guidance of eminent personality Swami Ramanand Teerth in the name of former Member of Parliament Late Puranmalji Lahoti who was a generous personality.

In 1962 the institute was handed over to Govt. of Maharashtra with its name, staff and infrastructure named as "Puranmal Lahoti Govt. Polytechnic, Latur.

Initially started with 3 years Diploma in Civil Engineering, the institute now caters to

1) Civil Engineering, 2) Mechanical Engg., 3) Electrical Engg., 4) Electronics Engg., 5) Computer Engg. & 6) Information Technology. There are minority seats for programmes in Civil Engg. and Mechanical Engg. Started in 2015. The total intake capacity is 480.

This institute has a distinguished history of great Alumni, few of them being, Eknath Ugile, Chief Engineer P.W.D., Ajay Kohirkar S.E. (W.R.E.), Rakesh Reddy, General Manager, CGR group Mumbai, Shri Nandkumar Khandare, CEO (Nissan Ashok Leyland, Chennai) holding patents on modular cabin design, Raghunath Balwade, G.M. Kirloskar Oil Engines, Ltd. Pune, Vasudeo Deshpande, Director, Vermont Tech, Pvt. Ltd. Pune, Sarang Yeolekar, Manager Tata Motors, Pune, Madhukar Londhe, Manager, FMDI Bharat Forge, Ltd, The Renowned film actor Girish Kulkarni is also Alumni of this institute. The list is unending.

Institute has been awarded the "Narsee Monjee Award" for Best Polytechnic. for overall best academic practices, technical events, seminars, paper presentation, workshops as well as sports and extra-curricular activities and Industry Institute Interaction.



P. L. Govt. Poly. Latur - Chemistry Lab

Puranmal Lahoti Govt. Polytechnic, Latur had been selected for the flagship project of CANADIAN Government named as "Canada -India Industry-Institute Linkage Project" (CHIILP). Total six institutes (Four Govt. Polytechnics and two Engg. Colleges) of Maharashtra were selected for this project and have successfully implemented the said project.

The project mainly focused on enhancing Industry Institute Linkage with the institutes. In addition, continuing education, staff development and women-in -development were the components of the project. P.L. Govt. Polytechnic was twinned with Campbell Community college of Canada and an MOU was signed with the Institute. The objective of the purpose was to share best practices of Industry Linkage of different Canadian community colleges.



P. L. Govt. Poly. Latur - Computer Center

The Institute has also established the center for Community Development through Polytechnics (CDTP) under Human Resources Department, Ministry of the Central Government. Various short term vocational training programs for youth in the rural area are conducted. Technology transfer activities, social awareness programs for rural community are also conducted, which are of immense help in getting self-employment and becoming entrepreneurs. Institute is also running skill development programs under Pradhanmantri Kaushalya Vikas Yojna (PMKVY) through NSDC. Institute conducted state level quiz competition and watershed development program sponsored by MSBTE.

On 22nd December 2013, institute celebrated its Golden Jubilee for which nearly 2500 alumni gathered and celebrated the occasion and recalled their memories along with their teachers and classmates.

Institute is very strong in its infrastructure facilities with state of art laboratories such as:

1) CNC tooling laboratory., 2) Engineering survey., 3) Material testing labs., 4) Electrical labs., 5) Two huge workshops.

This institute has well established hostel facilities for boys and girls in the campus with quality & delicious food served in the campus Mess. A Boy's hostel with a total capacity for 270 students and with every room having attached toilet facility is its highlight. A Girls hostel with a capacity for 324 girls is also facilitated.

This institute has excellent academic record with many topper students in MSBTE exams.

This institute has excellent record of conducting three day work shop in collaboration with Bhabha Atomic Research Centre, Mumbai. Institute also hosted "DIPEX" Technosoft mega event sponsored by Alumni Association of this Institute.



P. L. Govt. Poly. Latur - CNC Lab

Institute has a very good record of Revenue Generation through material testing, consultancy and quality supervision of school buildings constructed under Maharashtra Prathamik Shikshan Parishad (Sarva Shiksha Abhiyan), Jalyukta Shivar, third party technical audit of buildings, roads and water supply schemes.

There is a District Sports complex constructed in the campus. Students avail very good sports facilities free of charge throughout the year.

Infrastructure development is the theme activity of this Institute. It has separate library buildings. A newly constructed additional work shop is housed in a new four storey building. One more G + 3 building is under construction.

It is very sure that the journey of "to Excellence" will be continued by imparting quality education.



The first 3D-printed concrete bridge



The first 3D-printed concrete bridge has been completed in the Netherlands as a crossing for cyclists, but the company that built it claims it is reinforced, pre-stressed concrete bridge that could take the weight of 40 lorries.

The 8-metre-long bridge made from pre-fabricated concrete blocks 3D-printed by robots, forms part of a new ring-road being constructed around. It took three months for robots to print the 800 layers of pre-stressed, reinforced concrete in sections in the university's laboratory. The unique design uses less concrete than a traditional poured concrete bridge, making it a more sustainable construction process and has done away with formwork. This greatly reduces the amount of waste and decreases our use of scarce raw materials. And this working method also has a positive effect on CO2 emissions during the production process of the bridge.

Thin, low-cost material acts as air conditioner for structures

Scientists have developed a thin, low-cost material with astonishing



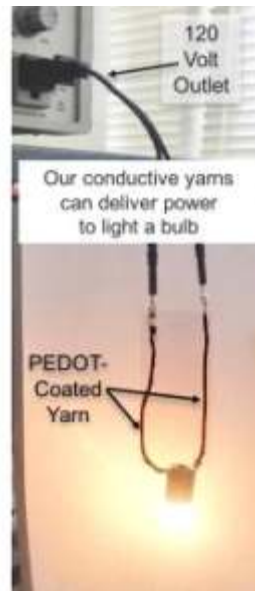
properties not found in nature - to act as a kind of air conditioning system for structures with the ability to cool objects even under direct sunlight with zero energy and water ingestion.

When applied to a surface, the metamaterial film cools the object beneath by efficiently reflecting incoming solar energy back into the space while concurrently allowing the surface to giveaway its own heat in the form of infrared thermal radiation.

The new material could provide an eco-friendly means of supplementary cooling for thermoelectric power plants, which currently require large amounts of water and electricity to maintain the operating temperatures of their machinery.

The glass-polymer hybrid material measures just 50 micrometers thick - slightly thicker than the aluminum foil found in a kitchen - and can be manufactured economically on rolls, making it a potentially viable large-scale technology for both residential and commercial applications. The material takes advantage of passive radiative cooling, the process by which objects naturally shed heat in the form of infrared radiation, without consuming energy. To reflect any incoming solar rays back into the atmosphere, researchers embedded visibly-scattering but infrared-radiant glass microspheres into a polymer film. They then added a thin silver coating underneath in order to achieve maximum spectral reflectance. Just 10 to 20 square meters of this material on the rooftop could nicely cool down a single-family house in summer.

Off-the-Shelf, Power-Generating Clothes



A lightweight, comfortable jacket that can generate the power to light up a jogger at night may sound futuristic, but materials scientist at the University of Massachusetts Amherst could make one today. The scientist along with colleagues outlined how they have invented a way to apply breathable, pliable, metal-free electrodes to fabric and off-the-shelf clothing so it feels good to the touch and also transports enough electricity to power small electronics. They aim to build up the materials



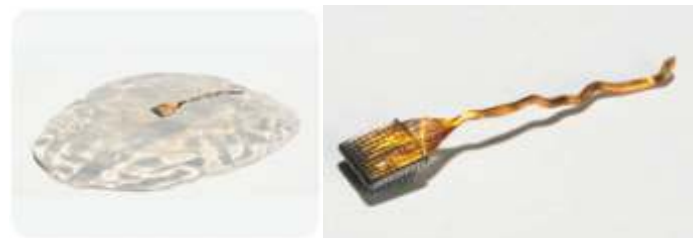
science so you can give us any garment you want, any fabric, any weave type, and turn it into a conductor. One such application is to harvest body motion energy and convert it into electricity in such a way that every time you move, like rubbing a comb on a sweater & it generates power called triboelectric charging.

The scientists describe the vapor deposition method they use to coat fabrics with a conducting polymer, poly(3,4-ethylenedioxythiophene) also known as PEDOT, to make plain-woven, conducting fabrics that are resistant to stretching and wear and remain stable after washing and ironing. The thickest coating they put down is about 500 nanometers, or about 1/10 the diameter of a human hair, which retains a fabric's hand feel. The researchers say their invention also overcomes the obstacle of power-generating electronics mounted on plastic or clad, veneer-like fibers that make garments heavier and/or less flexible than off-the-shelf clothing "no matter how thin or flexible these device arrays are."

For the future, design prototypes of textile batteries or converting clothes into solar cells — i.e. power sourcing and storage with the help of sunlight — are doing the rounds, of course, attempting to improve the endurance and shelf-life of the clothing at the same time.

Reversing Paralysis

A top scientist's top priorities is a "neurocomm," an ultra-compact wireless device that can collect data from the brain at Internet speed. "A radio inside your head," the scientist calls it, and "the most sophisticated brain communicator in the world." The matchbox-size prototypes are made of biocompatible titanium with a sapphire window. Now researchers are taking a significant next step toward reversing paralysis once and for all. They are wirelessly connecting



the brain-reading technology directly to electrical stimulators on the body, creating what a scientist calls a "neural bypass" so that people's thoughts can again move their limbs. A middle-aged quadriplegic who couldn't move anything but his head and shoulder, agreed to let doctors place two recording implants in his brain, of the same type the scientists once used in the monkeys. Made of silicon, and smaller than a postage stamp, they bristle with a hundred hair-size metal probes that can "listen" as neurons fire off commands.



Expert Lecture and training for the students of Viva College of Diploma Engineering and Technology, Virar, Palghar by Department of Fire, by Chief Fire Officer Mr Dilip Palav and Mr Rane held recently.



Ms. Maya Paranjape, Principal, Butic Institute of Beauty Therapy & Hair Dressing, Mumbai being recently presented the Gold Medal by Ms. Anna Cari Gund, President, CIDESCO (the World Standard organization for Beauty and Spa Therapy) for pioneering & spearheading the training and spreading Beauty and Wellness Education in India.



A participant at the Patient Counseling and Elocution competition held at Adarsh Institute of Pharmacy, Vita on 9th Dec. 2017.



Youth trainees performing under PMKVY at Anjuman I Islam's Abdul Razzak Kalsekar Polytechnic, Panvel



Students of Swami Vivekanand Institute of Technology (Poly), Solapur, demonstrating the working of a Micro project at a Special Project Exhibition on I Scheme Micro projects recently



Students of Government Polytechnic, Thane contributing in Swachata Abhiyan at Goregaon, Mumbai organized by MTDC.



Mr. Manish Saxena, Plant Head, Varroc Engineering Pvt. Ltd-1, 4 Aurangabad & Chennai, addressing students at the pool campus organized by Padmashri Dr. Vittalrao Vikhe Patil Institute of Technology and Engineering (Polytechnic) Pravaranagar, Loni, on 25th Nov. 2017.



Swachhata App for Mira Bhayandar Municipal Corporation was launched by Commissioner Dr. Naresh Gite at Pravin Patil Polytechnic on 20th Dec. 2017 in presence of Chairman Shri. Rohidasji Patil, Principal R. B. Patil.



Guinness Book of World Records



Mr. Amit Bhosale, of Mechanical Engg. established "Guinness Book Of World Records" in the category of "the longest chain of roller skaters" consisting of 371 participants at Shivganga Roller Skating Club (L.) in Karnataka, India, recently. Seen with are office bearers of RIT, Rajaramnagar, Sangli



MOU between Government Polytechnic, Kolhapur and Yamaha Motor India Sales Pvt. Ltd, Chennai.

An MOU between Government Polytechnic, Kolhapur and Yamaha Motor India Sales Pvt. Ltd. was inked on 18-11-2017. This MOU is on the basis of MOU's of Government of Maharashtra with Yamaha Motors India, to start Yamaha Training School in Government Polytechnics. This training School will cater to the need of providing trained technicians to the different workshops of Two Wheelers in and around Kolhapur. The said MoU was signed in the presence of Mr. Kinura Hiroshi, Director, Yamaha Motor India Sales Pvt. Ltd., Chennai, Mr. Girish Masurnaik, Zonal Service Manager, Yamaha Motor India Sales Pvt. Ltd., Mr. Sandip Khenet, Yamaha Motor India Sales Pvt. Ltd., Mr. Kiran Patil, Chairman and Managing Director Ghadge Patil Industries, Kolhapur and President, Dhatu Tantra Prabodhini, Government Polytechnic, Kolhapur, Mr. Vikramsing Shinde, President, Bhartiya Sugar, Pune and Member of Governing Body, Government Polytechnic, Kolhapur, Mr. P.R. Pattalwar, Principal, Government Polytechnic, Kolhapur and Mr. C.S Ashtekar, Workshop Supdt. Govt. Poly., Kolhapur. Yamaha India Motors Pvt. Ltd. shall be donating latest bikes, equipments, tools and latest books worth totaling Rs.17,00,000/- under CSR activities.



Industrial visit at "AJE India Pvt. Ltd(Patalganga MIDC)" arranged by Computer Engineering and Information Technology of Pillai HOC Polytechnic, Rasayani on 7th Oct 2017

Doctorates



Mr. Kakasaheb S. Ghodake, Lecturer, Latthe Education Society's Polytechnic, Sangli has been awarded Ph.D. in English by Shivaji University, Kolhapur. He has submitted a thesis entitled "Identity Crisis in the Select Novels of Joyce Carol Oates" under the guidance of Prof. Dr. Naganath Masal.



Dr. Sanjay J. Bagul, Principal, Matoshri Aasarabai Poltechnic, Eklahare, Nashik has been awarded with Ph.D (Electronics Engg) from North Maharashtra University, Jalgaon under the guidance of Dr. P. M. Patil. His thesis title is 'Image Compression Techniques for Monochrome and Colour Images'.



Dr. R.B. Sholapurkar, Principal, Viva College of Diploma Engineering & Technology, Virar(W) has been awarded Ph.D from Dr. Babasaheb Ambedkar Technological Institute, Lonere", under the guidance of Dr. Yogesh S. Mahajan. His topic of research was "Optimization of Wind Mill (Productivity / Efficiency improvement)

Innovation – Pulse-Rate Monitoring alert Via SMS



Health related issues and parameters are of utmost importance to man, and pulse rate checkup is essential for cardiovascular patient for his sound health. Hence new strategies are needed in order to reduce time and extra efforts to attend each patient. The student of Matoshri Aasarabai Polytechnic, Eklahare, Nashik from Computer Department took initiative to solve this problem through their project.

This project aims at the design and implementation of a low cost but efficient and flexible pulse rate monitoring and alert system using Microcontroller AT89S51, Heartbeat Sensor and GSM technology. It is designed in such a way that the pulse rate is sensed and measured by the sensors which sends the signals to the control unit for proper processing and determination of the pulse rate which is displayed on an LCD, it then proceeds to alert by an alarm and SMS sent to the mobile phone of the medical expert or health personnel and patient's relative and only if the threshold value of the pulse rate is maximally exceeded. Thus this project proposes a continuous real time, safe and accurate monitoring of the pulse rate in patient's early and preventive treatment of cardiovascular ailments.

**Ms.Megha Bhujade, Ms.Swati Dalvi, Mr.Rahul Mogal
–Computer Dept.**

Matoshri Aasarabai Poltechnic, Eklahare, Nashik



Implant Training session on Industrial Automation for Electrical and Electronics Department students was organized at Solapur Education Society's Polytechnic, Solapur during 1st Dec.'17 to 10th Dec.'17.



Feedback...



Prof. P. B. Cholke

MSBTE News Letter is very effective, motivative & useful media now a day for not only students but also for parents, teaching staff society and educational institutes. The theme of MSBTE News Letter January-2018, **“Educational Institutes- are the churning centers for lucrative student’s careers?”** Yes, it is very currently burning points which come in the mind of society regarding their child’s.

The every theme of the news letter was innovative one. My best wishes for News Letters which are upcoming & these MSBTE activities have always been a source of inspiration for many followers for their knowledge upgradation.

Prof. Pravin B. Cholke
Principal,

Shiva Trusts, Pratibhatai Pawar College of Pharmacy, Shirampur.



Mr. Gaidhani Yogesh P.

MSBTE News Letter is a mediator for all the polytechnic colleges because of it institute level reader of the newsletter gets the updated information as ‘Fair News’ column promotes us towards new ideas and inventions. At the same time success story of Polytechnic College really makes us proud because after a long span of providing skilled manpower to the nation they are successful to keep their status in today’s era also. That thing is really a perfect ideal for newly established institutes and it motivates us to work with such positive mindset.

Mr. Gaidhani Yogesh P.
Matoshri Aasarabai Polytechnic, Eklahare, Nashik



Ms. Badekar S. D.

We are thankful to have the Newsletter from, MSBTE, the Newsletter is a short conversation unit being discussed with the information occurring with in the grounds of urban area. As it provides & help the rural Institutes to work as per the demand, and changes, upbringings for development of budding pharmacists. The MOU’s with Hospitals & Industries has feed budding pharmacist with their sharpening & implementation of knowledge. The young age is made familiar with research paper & buildup confidence by use of technical presentation skill. Surely the career fair has played a sweet opportunity in the field of pharmacy. It is a need to have such Newsletter.

Ms. Badekar S. D.
Shree Santkrupa Shikshan Sansthas College of Pharmacy
(D. Pharm), Ghogaon. Karad, Satara.



Prof. B. M. Koli

Firstly I would like to say thank you to the MSBTE and Team of Newsletter for giving us rich and informative newsletter. MSBTE newsletter is one of the best sources to get recent updates regarding current affairs, new trends in science and technological world, & various events from different technical educational Institutes. Apart from this, the newsletter provides guidelines for aspiring students. The best part of newsletter is, it is easily accessible for both the teaching staff and the students. These articles are written by Director, MSBTE, the team at MSBTE, dignitaries from leading industries and faculty members after a thorough research and study of the given topic.

All the best for your upcoming newsletter.

Prof. B. M. Koli
Sant Gajanan Maharaj Rural Polytechnic, Mahagaon, Gadhinglaj
Dist: Kolhapur.



Mr. S. S. Jadhav

First of all I will wish Happy New Year to MSBTE Newsletter team & all readers. Newsletter gives success story of diploma holders which inspiring current students which are beneficial for future entrepreneur for nation. Newsletter give us various activities in a glance, such as for faculty (Industrial, Orientation, Content updating, Soft skills, Workshops programs), for students (paper presentation, quiz, project competition). I will appreciate to MSBTE for “I - scheme” implementation for diploma students which is helpful to academia & industry need, & last I tell us MSBTE every work is meaningful one of them is paperless work, all paper are get on web by epaper, which give us good message for all of us i.e. “Save pages & save tree.”

Mr. Sandip S. Jadhav
Lecturer, Mechanical Engineering,
Soniya Gandhi Polytechnic, Shrigonda



Prin. B. V. Kadam

would like to express my hearty congratulations to Hon. Dr. Vinod Mohitkar for his selection as Director, MSBTE, Mumbai. I specially thank Hon. Dr. Abhay Wagh, Director, DTE, M.S. and his team members at MSBTE for having been awarded the Skoch Order-of-Merit award for Smart Governance for it’s “Integrated Model of Online Activities.”

I take this opportunity to express my sincere thanks to MSBTE for providing a platform to all polytechnics to express their views and Technical Talent in different ways. MSBTE motivate to Students, Faculty, Staff and Institute by givinig Financial support through different activities like Faculty/Staff Training, Programms, Workshops, Laboratory Award etc.

“T” Scheme Curriculum uniform implementation is required. “Teacher is the backbone of curriculum implementation”, beholding this, MSBTE has decided to orient the entire teaching community in polytechnics across the state by methodical conduction of State level Orientation programmes through its regional offices. It gives the appreciation and recognition to the institutes, staff members and the students for the various activities held, prizes won and papers presented.

My best wishes for Newsletters to follow.

Prin. B. V. Kadam
Karmaveer Bhaurao Patil Polytechnic, Satara.



Prof. Parit R. M

In current era of digitalization, we congratulate MSBTE for ‘Skoch Smart Governance Award 2017’ for its ‘Integrated model of online activities’. We wish MSBTE achieves greater accolades in their further endeavor for overall development of related stake owners. MSBTE newsletter Oct 2017 focuses on ‘HERI’ (High quality, higher education, Research and Innovation) which is a key of today’s global environment. Outsourcing research and development projects of various institutions affiliated to MSBTE shall reduce the skill gap between industry and institutions. This will facilitate industry ready professions.

I would like to suggest along with hard skills, soft skills and personality development is the extreme need of the hour for sustainance of students in ever changing professional and competitive environment. So, we request the editorial board to throw some light on this topic in your future edition. Lastly I would like to express good wishes for your upcoming edition and we eagerly await for the Jan 2018 issue.

Prof. Parit R. M
Sant Gajanan Maharaj Rural Polytechnic, Mahagaon,
Gadhinglaj Dist: Kolhapur