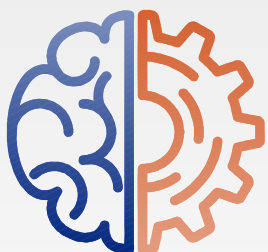




Government Polytechnic, Beed
For Private Circulation Only

Volume I - 2018



MECHZINE

Maiden Edition for Mechanical Department News Letter,
Government Polytechnic, Beed

PRINCIPAL'S MESSAGE



Dr. M.R. Lohokare
Principal, Government
Polytechnic, Beed

Government Polytechnic, Beed is a pioneer institute in the field of Technical Education and has been progressing at an exponential rate since 1983. Many notable achievements have been recorded since then. These merits and credits have seldom been known to public and the authority due to the lacks of showcasing or projecting through a medium. The college has been simply unstoppable in its progress as it has been actively involved in various activities that have brought to light the hidden talents of the institute students and staff. This newsletter – **Mechzine**, published by department of Mechanical Engineering is a medium first of its kind in the history of G.P. Beed, will bridge the gap between achievements and publicity.

I congratulate the team for the first edition of Newsletter – **Mechzine** and wishes successes in their future endeavors.


Dr. M.R. Lohokare

Principal, Government Polytechnic, Beed

HEAD OF DEPARTMENT MESSAGE

It is quite inspiring to watch and witness the potential of our students unfolding at various stages and situations each day. The mechanical Engineering Department is filled with smart, inspired students ready to take advantages of G.P. Beed's breadth of offering – both in class room and in the many extra-curricular options of student's life. The Principal and the staffs of this department have been supportive of the various activities that were undertaken by the students in view of helping them reach the pinnacle of perfection and professionalism in whatever task they took on thus strengthens our “journey of achieving the excellence”. This newsletter- **Mechzine** will be the medium to provide proper acknowledgement and respect all of these efforts and its results.

The students have been fostered to be “humane professionals” in every act and there is no doubt that our outgoing batch of 2017-18 will indeed reach greater heights in life. Best wishes and blessing to our dear outgoing students of the batch 2017-18. Congratulations to the editorial team for their determined efforts in bringing out this first Newsletter- **Mechzine**.

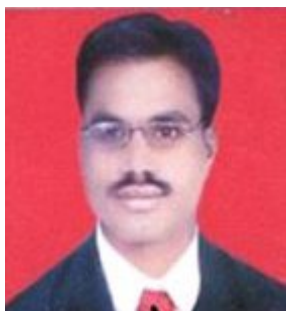




Prof. R.G. Choudhari

HOD, Mech, Govt. Polytechnic, Beed

EDITOR'S MESSAGE



It gives us great pleasure to bring you the first issue, the Department of Mechanical Engineering Newsletter, **The MechZine**. The name and fame of an institute depends on the caliber and achievements of the students and teachers. The role of a teacher is to be a facilitator in nurturing the skills and talents of students. This News Letter is a platform to exhibit the literary skills and innovative ideas of teachers and students. This News Letter presents the achievements of students and contributions of teachers. We would like to place on record our gratitude and heartfelt thanks to all those who have contributed to make this effort a success.

We profusely thank our Hon'ble Principal, Dr. M. R Lohkare and Prof.R. G Choudhari, Head, Mechanical Engineering for giving support and encouragement and a free hand in this endeavor. Last but not the least we are thankful to all the Staffs and Students who had help for the success of this Newsletter. We truly hope that the pages that follow will make an interesting read.



Prof. S.L. Kale

Mechanical Engineering

EDITORIAL BOARD

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HOD, Mech, Govt. Polytechnic, Beed

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Mechanical Engineering

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MECHZINE

Maiden Edition for Mechanical Department News Letter,
Government Polytechnic, Beed



Vision & Mission Statement Of Institute

Vision statement:

To make competent engineering professional with ethical core values

Mission statement:

- Ø To develop laboratories for industrial practices.
- Ø To enrich library with current literatures.
- Ø To enhance resourceful faculties and infrastructure.
- Ø To develop students intellectual skills with ethical understanding.

Vision - Mission Statement of Department of Mechanical Engineering

VISION statement:

To produce competent Mechanical Engineering Professional with Ethical core values who can contribute to the technological and socio-economic development of the Nation.

MISSION Statements

- M1:** To develop state of art facilities related to Mechanical Engineering.
- M2:** To impart quality education that serves the needs of present and to energize the technological world.
- M3:** To acquire adequate and innovative processes to enhance understanding of Implementation of theoretical concepts in practical scenarios.
- M4:** To forge mutually beneficial commitments with Government, Industry, Society and Alumni.

THREE DAYS WORKSHOP ON ENTREPRENEURSHIP DEVELOPMENT



Three day workshop on Entrepreneurship Development was organised in coordination with MCED, Beed at Government Polytechnic, Beed from 16 Feb to 18 Feb 2018. The workshop was inaugurated by the hands of Dr. M. R Lohokare, Principal G. P. Beed, Mr. Chavan, Branch Manager District Abhuday Bank, Beed, Mr Rajesh Jadhav, Project officer MCED, Beed were present. Prof. R. G Choudhari, Head of Mechanical Engineering Department briefed about the need and importance of workshop and urged students to take benefit of workshop for their future carrier prospects. The guest speaker Mr. Chavan, Beed, highlighted and covered the need of Entrepreneurship development and discussed banking rules and facilities for entrepreneurs. Mr. Y. Janardhan Rao, owner and Director Anvita Hotel, Beed motivated students for attraction towards the business by telling success story of him in actual life. Mr. Apet, Vice President, Tirumala oil industries, Beed, explained how to start new industry, sources and how to establish industry and ways of maintaining it. Prof. Keshav Bhagawat, Director Balbhim College, Beed, Prof. R.P Bharate, Head Civil Dept, G. P. Beed, Er. Nirmal, MSEB, Beed guided the students on various topics. Over 120 third year students participated in this workshop. The workshop was coordinated by Prof. R. G. Choudhari, HOD, Mech. Engg and Prof. M. N. Rayate, Prof. J. F Sayyad, Prof. Mitke T.V, Prof. A.S Jadhav, Prof. I.T Shaikh and other staff members worked hard for making the workshop successful. Finally vote of thanks was given by Prof. A.S Jadhav.

This institute has great environment for study and college life. We enjoyed a lot in three years with educating ourselves. This institute taught us not only the curriculum but also the morals and ethics of life. Thanks to all teachers, who always stands behind us and encouraged us. We got great teaching staff due to which Mechanical Engineering students got higher marks.

Patange G. S.

MECHANICAL DEPARTMENT @ GLANCE



Staff of Mechanical Engineering

From Left to Right : (1) Prof. A. U. Wavare , (2) Mr. U. Kamlaskar, (3) Prof. D.G. Wagh, (4) Prof. M.N. Rayate , (5) Prof. A. A. Joshi , (6) Dr. M.R. Lohakar (Principal), (7) Prof. R.G. Choudhari (HOD) , (8) Prof. S. S. Shinde (WS), (9) Prof. P. M. Zarkar, (10) Prof. U.V. Bansode , (11) Prof. S.L. Kale. Standing : (1) Shri. D. A. Pawar (2) Shri M.B.Khatane



Second Year Mechanical Engineering Batch 2017-18



Final Year Mechanical Engineering Batch 2017-18

CLASS REPRESENTATIVES OF MECHANICAL ENGINEERING



Salunkhe Akash M.
Third year CR



Gavali Atul L.
Third year Vice CR



Khatke Satyawar
Second year CR



Zotkar Prashant
Second year Vice CR

Alumini Meet 2017



Alumini meet is organized on 9th Dec. 2017 for the student's passes out from 1982 to 2016 batch. More than 700 students registered their names for this event. On this occasion about 160 Alumni's from different fields and places were present. Some of the outstanding alumni's for mechanical Engineering attended the meet are Mr. Chandrakant Mane (1992 batch) RTO Inspector, Mr .Bhagawat Hishobe (1992 batch) Commissioner of police, Aurangabad, Mr. Giram Chandrakant (1992batch), Senior Manager Gabriel India, Mr.Ladda Santosh (1995 batch), Industrialist, Mr Sagar wadgaonkar (1995 batch) , Industrialist and many more alumni's who are at higher position in various fields grace the occasion. The objective of this meet was to appreciate, felicitate and to get coordination and benefit to current students learning in this institute. Dr. M. R. Lohokare, Principal was the chief guest of the function. Prof. U. V. Bansode, has coordinate the programme. Prof. M.K Malik recalled the old memories of alumni's. Prof. Shinde S.S elaborates the institute's progress from its establishment. Mr.Satish Ashtekar, Mr.Wavhalkar, Mr.Dharurkar declared that they will give job to minimum 20 students per year and memorized their old memories. All the alumni's has taken the round of college campus, hostles, visited to various laboratories and class rooms. Alumni Association G.P Beed was formed in this event. Mr. Santosh Ladda, Industrialist was elected as the President of Association and Mr. Mahesh Nimale , Industrialist was elected as Vice president of the association. Mr. Pawan Ramdasi, Lecturer Government ITI was elected as the Secretary, Mr. Anerao, Chief engineer MSEB was elected as a vice secretary and other 11 members were elected as a members of the association. Mr.Santost Ladda President of Association assured that they will take efforts of well being of the association.Mrs.Wavare. A.U, Lecturer in Mech. Engg coordinated the programme and finally Prof. Dendage R.R; Head of Printing technology gave vote of thanks. Students of final year, Saurabh Lahoti, Krishna Upre, Vaibhav Madekar, Devyani Kulkarni had taken special efforts to make the programme successful.

Paper Presentation @ G. P. Nanded



Akash Salunke and Akash Neharkar, final year Students of Mechanical Engineering participated in MSBTE paper presentation competition, organized by Government Polytechnic, Nanded on date 15th Sept.2017. They had presented the paper on “**Need of Nuclear Energy in Modern India**”

Another group of final year Mechanical Engineering named Saurabh Lahoti and Pankaj Kamble also participated in the same event. They have presented the paper on “**Electric Discharge Machining**” Priyanka Jadhav and Pratiksha Vidhate, Final year Mechanical Engineering students took active participation in paper presentation held at MGM Polytechnic Aurangabad on date 17th Feb. 2018. The topic of their presentation was on “**Solar operated Car**”.

CAMPUS SELECTION

SR	Name of Student	Company
1	Saurabh Lahoti	L&T Constructions
2	Gaurav Santosh Patange	General Electric
3	Shivraj Nanasahed Kadam	General Electric
4	Krushna Ganesh Upre	General Electric
5	Pravin Pralad Jadhav	General Electric
6	Neharkar Akash Ramnath	Bajaj Auto Limited
7	Ankush Pandurang Ghatule	Bajaj Auto Limited
8	Dagade Onkar Ashok	Bajaj Auto Limited
9	Pawar Sharad Vasant	Bajaj Auto Limited
10	Lande Niranjnan Shrikisan	Bajaj Auto Limited
11	Salunke Akash Madhukar	Bajaj Auto Limited
12	Pathamase Rahul Sadhu	Bajaj Auto Limited
13	Pangavkar Saurabh Arun	Bajaj Auto Limited
14	Bansode Sushant Pandharinath	Bajaj Auto Limited
15	Dhapate Pallavi Dattatraya	Bajaj Auto Limited
16	Mitkari Vikram Badrinath	Bajaj Auto Limited
17	Gavali Atul Laxman	Bajaj Auto Limited
18	Takalkar Somesh Santosh	Bajaj Auto Limited
19	Kamble Pankaj Vasant	Bajaj Auto Limited
20	Vibhute Ajay Nandkishor	Bajaj Auto Limited



College is very strict regarding discipline. Thanks to our very active Principal Sir for taking good decision and always standing behind students. Mechanical engineering Department is very good in teaching. Teachers clear the concepts and doubts by teaching theory and Practical Knowledge in regular classes.



Munde A. R.

STUDENTS OF MECHANICAL ENGINEERING SOLVED THE PROBLEMS OF INDUSTRY

Mechanical engineering is the discipline that applies the principles of engineering, physics and materials science for the design, analysis, manufacturing and maintenance of mechanical systems. Mechanical engineers are expected to understand and apply basic concepts from chemistry, physics, chemical, civil and electronics. A project serves as an excellent platform for mechanical engineers to showcase their skills and experiment with the theoretical concepts which they learnt in their academics. By knowing the importance of the project a group of final year Mechanical Engineering students named, Lahoti Saurav, Pangaonkar Saurabh, Bansode Sushant and Mate Pallavi had selected an industry sponsored project at **Shrinivas Steel Tube Industry**, Jalna Road Beed. The students analysed the problems such as difficulty in lifting the job after machining, Not having proper mechanism to understand cutting operation of pipe, cooling problem, Wastage of machined product due to lack of improper material handling equipment, etc. Under the guidance of Prof. Kale S.L, students had solved the above mentioned problems by making an arrangement of Automatic signal transferring mechanism to avoid bending of pipe by placing limiting switch arrangement on roller bed, Motor and cooling tower is designed to cool the water and also suggested the proper coolant. Due to the above arrangement the productivity of pipe is increased and wastage of material is avoided.



FELICITATION OF MERITORIOUS STUDENTS



Felicitation programme of meritorious students who secured good percentage in MSBTE examination from Mechanical Engineering was carried out by Department of Mechanical engineering. From Third year Salunke Akash ranked first securing 93% marks in fifth semester, Gavali Atul ranked second by securing 91% marks, Upre Krushna and Lahoti Saurabh ranked third by securing 89% marks. From Second year Khatake Satyawan ranked first by securing 83.37% ,Suryawanshi Pawan ranked Second, he secured 82.13% and Jotkar Prashant secured 78.25% ranked third. From First year Kulkarni Sandip secured 84% and ranked first, Inkar Indar is second topper, he secured 80% and Joshi Kaustubh secured 78% and ranked third position.

Jotkar prashant from second year obtained 100 out of 100 marks in Mathematics subject of MSBTE exam winter 2017.

All meritorious students were congratulated, appreciated and felicitated for their grand success in curriculum by Dr. M. R. Lohkare, Principal and Prof.R. G. Choudhari, HOD Mechanical Engineering. The Staff of Mechanical Engineering were also felicitated for their dedication. The programme was organized by Prof. Shinde S.S, Workshop superintendent.

BLOOD DONATION CAMP

Government polytechnic Beed organized a **Blood Donation camp** on 23rd Feb. 2018 in association with Blood bank Civil hospital, Beed under NSS. Dr. Thorat , Civil surgeon district hospital, Beed inaugurated the camp. Prof. M. K Suryavanshi, Coordinator, NSS explained the importance of donating the blood and motivated the students to take part in this noble and social activity. Dr. Joshi from Civil hospital, Beed guided the students regarding importance of blood donation. More than 100 students voluntarily donated the blood. Prof. Suryawanshi M K, Prof. Gaikwad M. M , Nehrkar Akash vice president NSS and other faculty members took efforts for success of camp.



We have best institute because each and every teacher in our college help us in each and every activity. Our institute student participates in state level competition. We many times win at state level competition. Good campus with excellent teaching. Our department is best in college. We get best teaching staff, good class room and helpful teachers. Our teachers help in all activities. Mechanical students always scored good marks in exam.



Lahoti S. V.

GUEST LECTURE'S

GUEST LECTURE ON ASSEMBLY SYSTEM AND SPECIAL MACHINERY



Department of Mechanical Engineering has organized a Guest Lecture on Topic "Assembly System and Special Machinery" Delivered by Mr. Gorade Balasaheb, Manager Assembly system Bosch, Nashik. The aim of the lecture was to make update with technical knowledge of assembly system and special machinery.

The objective of the expert lecture was -

- 1) To make students aware about the assembly systems.
- 2) To encourage students to update themselves with recent trends in special machinery.
- 3) To provide exposure of Assembly System and Special Machinery which is in the curriculum of MSBTE.

An expert lecture on Assembly system and special machinery was organized for third year Mechanical Engineering students on 20th Aug, 2017. For this lecture Mr. Gorade Balasaheb, Manager Assembly system Bosch, Nashik was invited. In his lecture Mr. Gorade discussed about the assembly of automobile components like Engine, various systems of automobile and procedure to assemble it. Prof. U. V. Bansode work hard to make this programme successful. Prof. R. G. Choudhari, Head Mech. Engg gives the introduction of the Expert lecture and urges the student to take the benefit. The departmental staffs and students were present for this expert lecture.

Guest lecture on Hyper loop and CAD / CAM



A guest lecture on Hyperloop and CAD-CAM was organized by Department of Mechanical Engineering for second and third year students on date 10th Aug. 2017. The Expert lecturer was delivered by Mr. Akshay Joshi, Sales and Marketing manager CAD-CAM group, Pune. Mr. Akshay Joshi in his lecture told about the importance of Hyperloop, which is a proposed mode of passenger and/or Freight transportation. He describes an open-source vactrain design released by a joint team from Tesla and Space-X. The Hyperloop is a new way to move people or things anywhere in the world quickly, safely, efficiently, on-demand and with minimal impact to the environment. The system accelerates a passenger or cargo vehicle at airline speeds through a steel tube in near-vacuum using a linear electric motor. He also elaborates various CAD-CAM courses that are used in industry. This expert lecture was co-ordinate by Prof. A. A. Joshi.

STUDENTS PARTICIPATED IN TECHNICAL QUIZ COMPETITION



Final year Mechanical Engineering students participated in **Technical Quiz Competition** on 16th Jan. 2018 held at Shri Shivaji Polytechnic, Parbhani organized in association with MSBTE, Mumbai. A team of students comprised of Upre Krushna and Patange Gaurav of final year Mechanical Engg. participated in this event. Prof. R. G. Choudhari, HOD, ME, motivates the students for this competition. Prof. M. N. Rayate, Lecturer in Mech. Engg guided the Students.

Expert lecture on Interview Techniques and Personality Development



Education is a continuous process which aims to prepare a person to play his role as an enlightened member of the society. In other words, it means all round development of the personality of a person. Personality as a whole is the sum total of traits a human is entitled to have - both inner and outer. It is the sole entity that is unique in every person. It constitutes of body language, intuitive intellect, and confidence - all the focal points that serve as a differentiator between individuals. This use of personality is instrumental to success in life. To aware about the personality development and interview techniques, department of Mechanical Engineering organizes a Personality development & interview techniques programme for third year students on 15th feb. 2018. The expert lecture was called from Lokmat group, Aurangabad. They make aware about various types of interviews, how to face interview, importance of body language, communication skills and how to develop personality.

I am proud to be the part of this collage. College is more concerned about students. We have gained more knowledge and freedom to study and we participate in various event. I have more memories in my life happened in these college. Every day in this collage was best day in my life. I am proud of being student of this college. I would like to thanks all the teacher of Mechanical Department for their hard work and sincerity to teach student and make them perfect in life. I do not think I would have gained freedom and knowledge than this anywhere else. But Department has encouraged me for innovative ideas and design.



Pangavkar S.

Expert lecture on Personality Development & Stress Management



All of us are living a fast paced demanding life, dealing with work pressure, home responsibilities, and other commitments all the time. We all live and deal with stress at some point or the other. Sometimes, this stress becomes a part and parcel of our life. However, managing stress is extremely important. Stress has a lot of harmful effects on our body and mind. People under stress often experience headaches, anxiety, depression, negative thoughts, nausea, anger, frustration etc. Hence to avoid these problems, maintaining stress is extremely important.

In order to manage the stress of students, the department of Mechanical engineering has organized an expert lecture on Stress management & personality development. For the same, Mrs. A. U. Wavare, Lecturer in Mechanical Engineering invited the expert **Dr. V.R. Mirgane**, Principal, Bankat Swami College, Beed. In his lecture, he suggested the students, if they want to manage the stress, you need to exercise regularly. Exercising is not the only thing that will help. One needs a change in ones routine and you need to inculcate a sense of positivity. You need to take charge of your thoughts, feelings and actions. In his speech he elaborates the various methods to manage the stress and personality development.

Teacher's day Celebration



Teachers' Day was celebrated on Friday, 5th Sept. 2017 in Department of Mechanical Engineering with great fervor. It was an opportunity for several students to express their gratitude and respect for their teachers & honoring them

Dr. M. R Lohkare, Principal, Government Polytechnic, Beed was the Chief Guest and **Mr R. G. Choudhari**, Head Mechanical Engineering was the guest of honour for this function. The other faculties **Prof. Zarkar P. M**, **Prof. Bansode U. V**, **Prof. Rayate M. N**, **Prof. Shinde S. S**, **Prof. Wagh D. G**, **Prof. Wavare A.U** and other staff and students from mechanical engineering were present. Programme was started with Sarswati Pujan by Hon.Guest **Dr. M. R Lohkare**. After that Felicitation of Teachers by students is done. Student speakers **Salunkhe Akash**, **Nehrkar Akash**, **Saurabh Lahoti** shared their views. **Dr. M. R Lohkare** spoke on the occasion encouraging the teachers to live up to the expectations and applauded their role as future Nation builders. On this occasion teachers **Prof. U. V Bansode**, **Prof. Zarkar P. M**, **Prof. Shinde S. S**, **Prof. Rayate M. N**, **Prof. Wavare A.U** guided the students in their speeches. Lastly, **Prof. R. G Choudhari**, Head Mechanical Engineering shared a few words of encouragement for the students who had worked for days behind the scenes to organize the event and elaborated the importance of teachers in life.

INDUSTRIAL VISITS

To update students with industrial Exposure & practical applications, Department of Mechanical Engineering had organized various visits as per the MSBTE curriculum in order to fulfill the following objectives.

Objective:

1. Getting practical experience regarding the organizational function.
2. To learn about the policies and functions of the organization.
3. To get industrial exposure and experience.
4. To understand the production process.
5. To understand machine tool operations noticed at work place.

VISIT TO I.G.T.R AURANGABAD



The government of India in its endeavor to provide right stimulus for the growth of industry in the country – particularly with a objective of helping MSME's has established Indo German Tool Room, Aurangabad.

A project of Government of India, Government of Federal Republic of Germany & Government of Maharashtra, Indo German Tool Room (IGTR) an ISO 9001:2000, ISO 14001:2004 is a centre which nurtures excellence and provides total tooling & training solutions. IGTR is concentrating on an integrated development of the related segments of the industry by way of providing International Quality Tools, Trained Personnel., and Consultancy in Tooling & Related Areas & is constantly crossing new frontiers in quest for excellence & beyond.

To give the exposure to modern machining processes, Department of Mechanical Engineering organized industrial visit at Indo German Tool Room (IGTR), MIDC Chikalthana, Aurangabad for Final year Mechanical Engineering students on dated 20th February 2018. Faculties from IGTR, Aurangabad guided the students and given information about various sections of IGTR, different manufacturing methods, tool manufacturing, testing of products and shown the various advanced machines like CNC, VMC, Grinding, Lathe and different manufactured products. For making visit successful and fruitful **Prof.A. A. Joshi**, **Prof. D. G Wagh** and **Mr. Vivek Pawar** taken the efforts.

Institute as well as teachers are very good. **Dr. M.R Lohkare**, Principal, of Institute and our Head of Department **Prof.R. G. Choudhari** sir always Supports, motivates and guide students to do new things. Very good department and all staff of department are appreciates to all students of mechanical department.



Neherkar A. R.

VISIT TO GANARAJ PIPES.



As part of curriculum, to give the exposure of industries, Department of Mechanical Engineering organized industrial visit at **Ganaraj pipes** and **Vignharta plastic industry**, MIDC, Beed for second year Mechanical Engineering students on date 16th Sept. 2017. Shri. Upare Santosh, Director and his team guided the students and explained the process of manufacturing Sprinkler pipes and shown actual working process of converting plastic granules into sprinkler pipes. Prof. A. A. Joshi, Prof. M. N Rayate and Prof. S. S. Shinde has taken the efforts to make the visit successful and fruitful.

VISIT TO S T WORKSHOP



To give the awareness on I.C engines and automobiles, Department of Mechanical Engineering organized industrial visit at ST Workshop, Barshi Naka Beed for Final year Mechanical Engineering students on date 8th & 9th Sept. 2017. Mr. Panhalkar, Manager, S.T. Workshop, guided the students. In this visit he explained and show the various parts of automobile and their assembly and maintenance procedure, various spare parts of automobile For making visit successful and fruitful Prof. U. V. Bansode, Prof. D. G. Wagh has taken the efforts.

VISIT TO DEEP HYUNDAI



Department of Mechanical Engg organized industrial visit at Hyundai motors, Beed for Final year Mech. Engg students on date 8th and 9th Sept. 2017. Mr. Badade and Mr. Malwade from Hyundai motors guided the students and shown the various parts of automobile and explain the necessity and working of each parts used in Hyundai cars. Students had seen various engine models, chassis & other parts. For making visit successful Prof. U. V. Bansode & Prof. D. G. Wagh has taken efforts.

VISIT TO TECHNOTRAK ENGINEERS, AHMADNAGAR



As part of curriculum Department of Mechanical Engineering organized industrial visit at Technotrak Engineers, Ahmednagar, a leading manufacturer of Coupling for casing and tubing for Second year mechanical engineering students on date 7th Feb. 2018. Mr. Ashok Sonawane, Director, Technotrak Engineers and his team guided the students about machining heat treatment and manufacturing and testing method of couplings and told about the products like API Thread casing couplings, Tubing couplings, Accessories for oil and gas industries, Roller and belt conveyors, CNC machined components, sugar industries chains etc. For making visit successful and fruitful Prof. P. M. Zarkar taken the efforts.

The Government polytechnic, Beed is a great institute. Here all the teachers are Masters in their respective subject and always helps the students and most importantly understands the students. Also institute arranges many programmes and functions giving the platform to students to present their skills. Our Principal and staffs trying to develop the college to become one of the best college in Maharashtra. One suggestion from me is that please try to increase the soft skills of students. The department of Mechanical Engineering is very good. All the teachers are highly experienced and well educated. Teachers always clears the concept's at readily time. All the staff of department always motivates the students in developing in educational and social field.



Upare K. G.

EXTRA-CURRICULAR ACTIVITIES

STUDENTS WON SECOND PRIZE IN ZONAL SPORTS CRICKET MATCH



Government Polytechnic, Aurangabad organized Zonal sports competition for Diploma Engineering students from 29 January 2018 to 31 January 2018. Cricket teams from different polytechnic colleges from Aurangabad Region participated in this event. Prof. F.A. Khan, Principal, Government Polytechnic, Aurangabad inaugurate the function. The final match was played between Government Polytechnic, Beed and Shreyas Polytechnic, Aurangabad. Our team was declared as runner up. In this team, the students from Department of Mechanical Engineering, Nehrkar Akash, Pawar Sharad,

Salunkhe Deepak, Takalkar Somesh and Yeole Santosh has given the outstanding performance. Dr. M. R. Lohakare, Principal, Government Polytechnic, Beed, Prof. R. G. Choudhari, Head of Department Mechanical Engineering and Prof.S.K. Agham, Vice President, Gymkhana congratulate the winning team members. Prof. D.G. Wagh, Lecturer in Mechanical Engineering, Sports incharge and Mr.Rajurkar worked hard for the successful conduction of the matches.

RUNNER UP IN ZONAL SPORTS KABBADI MATCH

Government Polytechnic, Aurangabad organized Zonal sports competition for kabbadi. Teams from different polytechnic colleges from Aurangabad Region participated in this event. The final match was played between Government Polytechnic, Beed and T.B.Giravalkar polytechnic Ambejogai. Our team was declared as runner up. In this team, the students named, Umesh Bhosale, Mitkari Vikram, Akash Salunke, Keshav Vighne, Indrajeet Sakhare, Kishore Shnde, Dinesh Chandare has given the outstanding performance. Dr. M. R. Lohakare, Principal, Government Polytechnic, Beed, Prof. R. G. Choudhari, Head of Department Mechanical Engineering and Prof.S.K. Agham, Vice President, Gymkhana congratulate the winning team members. Prof. D.G. Wagh, Lecturer in Mechanical Engineering, Sports incharge and Mr.Rajurkar worked hard for the successful conduction of the matches.

ANNUAL SOCIAL GATHERING “AVISHKAR -2018”



Annual Social Gathering “Avishkar” was celebrated in Govt.Polytechnic , Beed with utmost vigor and enthusiasm during 22nd and 23rd Feb. 2018. An Inaugural speech by veteran philosopher Hon'ble Jarra Kazi impressed a lot to students and staff of polytechnic through study on lifestyle of Chatrapati Shivaji Maharaj and method of discharging the information in most pleasing and impressive style attracted a lot to students. Dr. M. R. Lohokare delivered an attention fetching speech to address the students as well as staff, mentioning the salient features and vision of polytechnic. Various events like Dance competition, Song competition, Antakshari Competition, Quiz competition, Drama and skits were nicely and beautifully arranged in Auditorium hall in both days. Akash Salunke (Third Year Mech. Engg.) General Secretary student and Suraj Gawate, Cultural secretary of event were also present. Prof. S. K Agham, was the in-charge of Avishkar 2018

Institute is one of the best where better staffs are there who constantly takes effort to make bright future of students and to get success in life. Thanks to our institute to give a proper vision to our life and making our dreams true and for designing our life. Mechanical department is one of the best department in our college. Better education, better quality and better teaching staff are one of the best things of department. Teacher provides through knowledge of subject and teaches a lot to students for sustaining in the future digital world.



Kamble P. G.

Any intelligent fool can make things bigger and more complex... It takes a touch of genius - and a lot of courage to move in the opposite direction.



Farewell to Final year Students



The students of second year Mechanical engineering had organized a grand farewell for Final year students on 02nd April 2018 at Conference hall, G.P Beed. On this occasion Prof. R .G Chaudhari, Head Mechanical Engineering, Prof.Zarkar P. M, Prof. Shinde S.S, Prof. Rayate M.N, Prof.D.G Wagh, Prof.Waware A.U, all Third year , Second year and First Year Mechanical Engineering students were present. On this occasion all third year students were felicitated by giving a gift as a token of love form second year Mechanical Students by the hands of Prof. R.G Chaudhari and staffs of Mechanical Engineering. Head of mechanical Engineering department addressed the students regarding responsibilities to be taken, Challenges to be faced after diploma and gave best wishes for future careers.

Among Final year students Upre Krushna, Akash Nehrkar, Pangaonkar Saurabh, Gavali Atul, Lande Niranjana, Takalkar Somesh, Lahoti Saurabh, Karanjkar Rajesh, Mate Pallavi, Gole Mrunalini gave their speeches memorizing old days and shared their memories guiding the students to take benefit of Institutional resources. The final year students memorises the college days by giving a power point presentation.

Finally vote of Thanks was given by Mane Somanath. To make programme successful Prof.D.G Wagh Coordinator of Programme, Second year Students Khatke Satwan, Suryawanshi Pawan, Jotkar Prashant, Waghmare Shubham, Sirsath pravin, Gawandar Mangesh, Raut Prachi, Zanje Payal had taken efforts.

HEALTH CHECK UP CAMP

On the occasion of Annual social gathering “Avishkar”, Government polytechnic, Beed organized Health check up camp on 23rd Feb. 2018 in association with District civil hospital. Dr. Ashok Thorat, Civil surgeon of civil hospital, Beed inaugurated the camp. Dr. Ashok Thorat guided the students regarding importance of health check up. He said, it should be routine practice to have a health check up to avoid the future complications .Along with him a team of Doctors from civil hospital consisting of Dr. Joshi and other staffs were also present. More than 200 students took advantage of this camp. Prof.S. K. Agham incharge of Avishkar- 2018, Akash Salunke General Secretary student association, Neharkar Akash vice president of student association and other staff members from G. P. Beed taken efforts to make camp successful.



I am very happy to be a part of this college. College has great environment for study and we enjoyed our three years gaining knowledge and freedom to participate in various events. Thanks to our Principal Sir for arranging various activities. Our Department is best in college because our staff is very good and taking care of student like their children. Every teaching staff is good in teaching and they constantly motivate students.

STAFF TRAINING

Technology is an internal part of our life, it is all around us. Nowadays, a person without necessary basic technical knowledge and skills would not be able to perform their social function properly, and, consequently, would not live a full life. Therefore, elementary technical knowledge and skills should be mediated to the general public, not just to the students of polytechnic, by the educational system. In terms of advanced educational systems, elementary technology training represents an integral part of the general curriculum taught at polytechnics. It is transferred to students via different subject, different not only in name (practical training, practical activities, technical training, technical practice, technique, practice, technology etc.), but also in scope and content. For the same this department motivates all the teaching staffs to attend the training programs organized by different organizations. The list of training programs attended by the faculties of department of mechanical engineering is as follows

SN	NAME OF STAFF COMPLETED THE TRAINING	Topic	VENUE
1	Mr. R. G. Choudhari	Interpersonal Interactions, Workplace Ethics and Behavior	Government Polytechnic, Nagpur
		Program Outcome Attainment Methodology	Government Polytechnic, Nagpur
2	Mr. P. M. Zarkar	Personality development	Government Polytechnic, Ratnagiri
3	Mr. A. U. Bansode	Energy management through ICT	Government Polytechnic, Beed
4	Mr. A.A. Joshi	Personality Development	Government Polytechnic, Aurangabad
		Refresher Training Programme for Officers of Higher & Technical Education Department	Yashada, Pune
		NBA Assessment	Government Polytechnic, Aurangabad
		Industrial training	Measurewel technovision Pvt. Ltd. Aurangabad
5	Mr. M.N. Rayate	Product Design Engineer	Shivaji University, Kolhapur
		Mechatronics Fundamentals & Hands on	Walchand College of Engg, Sangli
		Research Methodology through ICT	Government Polytechnic, Beed
		Marketing of Educational Services	NITTTR, Bhopal
		Disaster management : Risk assessment & Mitigation	Government College of Engineering, Nagpur
6	Mr. D.G. Wagh	Product Design Engineer	Shivaji University, Kolhapur
		Research Methodology through ICT	Government Polytechnic, Beed
		Marketing of Educational Services	NITTTR, Bhopal
		Disaster management : Risk assessment & Mitigation	Government College of Engineering, Nagpur
7	Mrs. A. U. Wavare	Excellence in Manufacturing Engineering	Government Polytechnic, Nashik
		Research Methodology through ICT	Government Polytechnic, Beed
		Multimedia Tools & Utilities through ICT	Government Polytechnic, Beed
		Academic & Examination Reforms in Technical Institute	Government college of Engineering, Karad
8	Mr. Kale S. L.	Research Methodology through ICT	Govt. Poly. Beed

Memorandum Of Understanding (MOU)

The Department of Mechanical Engineering has signed three MOUs in this year to achieve the following objectives

- To promote interaction between the Department of Mechanical Engineering of G.P. Beed and COMPANY in mutually beneficial areas.
- To provide a formal basis for initiating interaction between the institute and COMPANY.
- To sponsors the students projects
- To give training to COMPANY personnel through Continuing Education Programmes conducted by G.P. Beed in areas of interest to COMPANY.
- To give training to students of G.P. Beed during vacation to give the exposure to industry.

SN	NAME OF COMPANY	NAME OF PROPRIETOR	DURATION
1	DISHA AUTO COMPONENT PVT. LTD., AURANGABAD	SHRI. SANTOSH LADDA	3 Years
2	SAGAR INDUSTRIES, AURANGABAD	SHRI. SAGAR WADGAONKAR	3 Years
3	YASHASWI ACADEMY FOR SKILLS	MR. BHAGIRATH JOSHI	5 Years

Attitude is more important than the past, than education, than money, than circumstances, than what people do or say. It is more important than appearance, giftedness, or skill.

- W. C. Fields

An American Comedian, Actor, Juggler, Writer



