



# Government Polytechnic, Aurangabad

## MECHANICAL ENGINEERING

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### Combined Efforts of Parents and Teachers is Important for Development of Students : Prof. F. A. Khan

#### NOBLE GUIDANCE:

- F.A. Khan (Principal)
- Dr. A. V. Peshwe (Head of Department Mechanical Engineering and Advisory Member)
- Dr. S. A. H. Quadri
- Prof. S. S. Bondarwad
- Prof. S. B. Kulkarni
- Prof. G.G. Ghuge
- Prof. M.B. Sanap
- Prof. A. W. Nemade
- Prof. R. N Gadekar
- Prof. G.D. Dhirbassi
- Prof. N.S. Khandagale
- Prof. A. H. Choudhari
- Prof. Abhay Joshi
- Prof. U. S. Hiwrale
- Prof. C.R. Ingle
- Mrs. S. V. Borde

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Government Polytechnic, Aurangabad organized the parent meet of newly admitted students of First year Post SSC Diploma Course for academic year 2019-20. On this occasion Hon Principal Prof. F. A. said that "For the overall development of well cultured Society role of student, parent and teacher is very important." in his speech he mentioned that student's hard work, dedication towards the study is an important factor during education phase. Creative

mind makes innovations, so be creative, always be



positive in every aspect of life. Prof. F. A. Khan also guided the students and parents to create a supportive atmosphere for the nourishment and development of the students, parents as well as the

teachers. He concluded with his favorite Shayri "जिंदगी की असली उडान अभी बाकी है ;जिंदगी के कई इम्तिहान अभी बाकी हैं ;अभी तो नापी है मुट्ठी भर ज़मीन आपने ;आगे अभी सारा आसमान बाकी है।Near about 100 parents along with students were present for this Parents meet. Head of Department Dr. A. V. Peshwe guided the students to be updated about the recent trends in Mechanical Engineering and influenced them to participate in events whole-heartedly. Felicitation of all newly admitted students was done by the hands of Prof. F. A. Khan. Prof. S. V. Borde proposed the vote of thanks.,

### Vocational Training Orientation By...Dr. A.V. Peshwe



One day Orientation programme was arranged for all final year mechanical engineering students for vocational training. As the students were going for real life experience in the industry Head of Department Dr. A.V. Peshwe guided students regarding Do's and Don'ts. Students Attitude and behavior should be positive. Punctuality and hard work also important he mentioned.

Dr. S. A. H. Qadri Prof. S. S. Bondarwad Prof. S. B. Kulkarni Prof. G.G. Ghuge, Prof. M. B. Sanap, Prof. A. W. Nemade, Prof. R. N Gadekar, Prof. G. D. Dhirbassi, Prof. N.S. Khandagale, Prof. A. H. Choudhari, Prof. Abhay Joshi, Prof. U. S. Hiwrale, Prof. C.R. Ingle, Prof. Mrs. S. V. Borde also guided the students in detail. Students were motivated and eager to work in industries after listening to Prof. A. V. Peshwe.



Students with Mr. Mahendra Pujari ( Plant HR Head,



## Completion of Vocational Training

Students of Final Year Mechanical Engineering were placed in various industries for Vocational Training Course. at the end of Winter Examinations 2019. Students commenced their Vocational Training course from the 18th of December 2019. The course ended successfully on 7th of January 2020. Various industries

visited by the students were Varroc Polymers, Endurance Technologies, Universal Solutions, Endress+Hauser, Garware Polyesters, Badve Engineering, Varroc VPPL Plant 4, Plant 5, S. T. Workshop, Soham Hyundai, Narsapurkar Auto, Darshan Plastics, Micro Tools, Raj Auto, Umasons Steel Fabrication, IGTR Aurangabad,

Hero Motocorp, Varsha Forging.

The objective of the vocational training was to provide students the opportunity to develop skills in the application of theory to practical work situations. Head of Department Dr. A. V. Peshwe, Prof. A. A. Joshi, Prof. A. W. Nemade took efforts for the success of the course.

## Welcome of Newly Admitted Students

Department of Mechanical Engineering, had organized a Welcome Ceremony for the newly admitted students and their parents. Head of Department Prof. G. G. Ghuge and the senior faculty Prof. M. B. Sanap, Prof. S. V. Borde, Prof. N. S. Khandagale and Prof. U. S. Hiwrale graced the Ceremony. On this occasion Prof. M. B. Sanap welcomed the students and parents with an enthusiastic speech. Head of Department Prof. G. G. Ghuge also presented a motivating speech and guided the students about the Vision and Mission of the Institute and the department. Prof. S. V. Borde and Prof. N. S. Khandagale enlightened the students to choose their career wisely and take corrective actions against what is wrong.

## Expert Lecture on Tool Engineering

Department of Mechanical Engineering, Government Polytechnic Aurangabad had organized an Expert Lecture on 'Tool Engineering' on the 4th of September. The expert lecture was hosted by 'Mothersons Tools Pvt. Ltd.' The lecture was graced by the Prof. M.



B. Sanap, Prof. S. V. Borde, Prof. N. S. Khandagale, Prof. A. A. Joshi and Kalyan Kale Sir. The expert lecture

was organized to introduce the students about the latest advancements in cutting tool technology apart from their curriculum. Prof. S. V. Borde proposed the vote of thanks.

After the lecture, various tool and informative manuals were exhibited before the students and teachers.

## Best Practices key to success ... Prof. M.B. Sanap



Department of Mechanical Engineering of Government Polytechnic organized Seminar on "Employment Opportunities After Diploma in Government Sector" on 01/10/2019 Prof. M. B. Sanap, Senior Lecturer at

Government Polytechnic Aurangabad was the chief guest to deliver the expert talk. Prof. M. B. Sanap guided the audience about how to prepare for competitive examination, stages involved in competitive examination. He also guided the student regarding personality development, group discussion, technical and personal interviews. He mentioned the importance of curriculum vitae and resume development. . He

also guided student about how to improve communication skill. The MESA (Mechanical Engineering Students Association) Committee worked actively for this event. Approximately 120 students of mechanical branch have taken benefit of this seminar. Hon . Principal Prof. F. A. Khan sir congratulated the organizing team for successful event.



## Teacher's Day and Engineer's Day Celebration

On the occasion of Teacher's Day and Engineers' Day department has organized various activities. Every year department conducts department level Technical Competitions under the banner of "Techno-Ustav". For current year department organized Two Technical Events; Poster presenta-

tion and Competition. For Poster Presentation Competition total 43 students participated and for Paper Presentation near about 35 students appeared apart from that the Best three presenters were awarded.

The Winner and Runner Team of both events were felicitated by trophy and certificates by the hands of Hon. Principal Prof. F. A. Khan.



## Industrial Visits For Practical Exposure

Students of Second Year and Third Year Mechanical Engineering of both shifts were provided with exposure on actual working of an Industry and administration by Department of Mechanical Engineering. Students of Second Year visited to Ellora Forge, Manisha Enter-

prises and Avinash Enterprises all located at Waluj MIDC, Aurangabad. Also the student of Final Year visited Micronix Gauges Ltd and Marathwada Auto Cluster (MAC) both located at Waluj MIDC, Aurangabad. Yamaha Training School, Mercedes Benz Center

and IAME Aircraft Engineering hosted the Final Year Mechanical Engineering students to acknowledged them about the recent upgrades in Automotive Sector.





# Students in State Level Competitions..

*“An athlete cannot run with money in his pockets. He must run with hope in his heart and dreams in his head.”*  
**Emil Zatopek**

*The function of education is to teach one to think intensively and to think critically. Intelligence plus character that is the goal of true education*  
**-Dr. Martin Luther King Jr**



Students of Mechanical Engineering along with students of other departments In last semester participated in different state level and inter college competitions and won the prizes. In State Level Carrrom Competition organized by IEDSSA at Government Polytechnic Nanded students were Runner-ups at GI zone. Students also participated in

State level Kabaddi Competition at MGM Polytechnic, Aurangabad , State Level Cricket Competition at MIT Polytechnic, State Level Chess Competition, State Level Kho-Kho. State Level Quiz Competition organized by MSBTE at Sandip University, Nashik.. Students participated in State Level Paper Presentation Competition held at Government Polytechnic Nashik.



# Expert Lecture by College Alumni

Department of Mechanical Engineering, had organized an Expert Lecture for the Final Year students. The lecture was addressed by the very own Alumni . They belonged to the Department of Mechanical Engg, Mr. Tushar Mahajan and Mr. Abhijit Kulkarni.

They guided the students on the topics like ‘Job Opportunities after Diploma’ and ‘ Scope for Entrepreneurship’. They shared their personal experiences regarding their views on the same. Head of Department Dr. A. V. Peshwe,

Prof. G. G. Ghuge, Prof. M. B. Sanap, graced the occasion. Prof. M. B. Sanap thanked the alumni for their precious guidance and ended the interaction.



# Congrats....Keep it Up !!!!

Mechanical department Final year students attended various campus interviews . Students got placed in multinational companies. Nitin Navale, Gaurav Paithane, Vaishnavi Manwatkar, Dhananjay

Mogal, Aniket Divekar, Pratik Kadam, Shailesh Khopade, Akshay Sonawane, Sudhir Jamkar, Prasad Dushing, Abhishek Bansile, Girish Chopade, Bhushan Ramole, Abhishek Nand, Rohit Jadhav, Kaif

Khan, Shivraj Tavar, Sarvesh Pathak, Atharva Chavan, Harshada Nikam, Anjali Landge, Rushikesh Mankape, Pavan Wagh, Harshal Bhujbal, Jay Waikos, Nitin Choudhari, Kajal Jadhav, Mukund Shinde, Ayush Joshi, Pradnya Amrao, Anil Kalunkhe, Mayur Bansode, Ayaan Mohammed got selected at Bajaj Auto.

## Industrial Visit: Connecting with Practical World...



Industrial visit indeed enhances understanding level, widens the vision and enriches the knowledge of students. The Department of Mechanical Engineering arranged visits with 120 students at S. T. Workshop,

Laxmi Agni Components, Aurangabad. Production of passenger buses and forging components of auto rickshaws were observed. Functioning of complete plant is explained by coordinators and Engineers at plant. Actual visit of Industry helps students to understand atmosphere and work culture of Industry. The different sections, departments like Research and development, production, quality, maintenance



added knowledge to students. The visit was accompanied by Prof. G. G. Ghuge, Prof. M. B. Sanap, Prof. N. S. Khandagale, Prof. A. W. Nemade, Prof. S. V. Borde, Prof. A. A. Joshi.

*The things taught in schools and colleges are not an education but the means to an education.*  
-Ralph Waldo Emerson

## Advantage Maharashtra Expo 2020

MASSIA had organized an expo regarding latest advancements in fields like industrial, agricultural, mechatronics, civil,



electronics, automobile, food industry, etc. Basically, this type of expo is organized in metropolitan cities like Pune and Mumbai. But quiet fortunately, it was held at Kalagram, Aurangabad.

So taking the advantage of this situation, the Head Of Department Dr. A. V. Peshwe had taken the initiative to admit the

students as well as the teachers.

Approximately, 100 students actively visited the expo. The expo provided the students with an opportunity to observe and analyze the latest technological updates.



## 40 students Got Placed in BAJAJ Auto through Campus



As of every year, in the academic Year 2019-20 the well known industry in Automobile sector, Bajaj Auto had conducted selection processes for recruitment for Mechanical Engineer. About 55 students of Mechanical Engineering Branch had appeared for the same. Out of which 40 students have been selected for the post of Trainee Engineer in Bajaj Auto. Training and Placement officer Prof. S. S. Bondarwad have taken lots of efforts for this campus interviews. Bajaj Auto Limited Aurangabad is one of the major industry visiting for Campus Interviews. Hon . Principal, Head of Department, Lecturers and All staff members congratulated all successful students and TPO department for this success .





**After**



**Before**

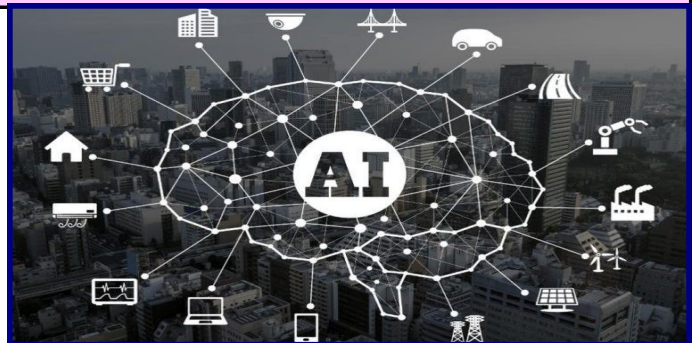


**Government Polytechnic, Aurangabad** is the well known institute working in the area of providing value aided education in Engineering and Technology. This Institute offers Post SSC Diploma Course in Civil Engineering, Computer Engineering, Electrical Engineering, Electronics Engineering, Information Technology and Mechanical Engineering with 60 +03(TFWS) intake capacity at entry level for each course.

**Government Polytechnic, Aurangabad** not only provides value based education but also give ethical knowledge through different Social Activities like, Tree plantation , Cleanliness Drive, and many more activities.

**“Go Green, Go Clean.....Need of All”**

## Artificial Intelligence need of future: Prof. U. S. Hiwarale



On the occasion of Birth ceremony of Sir Mokshagundam Vishweshwaraya , Department of Mechanical Engineering Students association organized an expert lecture on the topic ‘ARTIFICIAL INTELLIGENCE– Need of Future ‘. Near about 150 students of the Department participated in the program. The inauguration ceremony of this event was done in presence and by the hands of Honorable Principal Prof. F. A .Khan and Dr. A.V. Peshwe Head Of Department. The event was organized on 15th .

Prof. U. S. Hiwrale, Senior Lecturer at Government Polytechnic Aurangabad was the chief guest to deliver the expert talk. The Expert highlighted the areas like Artificial Intelligence and its impact on manufacturing and society. He also guided the students regarding the emerging importance of Quantum Computers and their application in day-to-day life. Head of Department Dr. A. V. Peshwe, Prof. G. G. Ghuge, Prof. M. B. Sanap, Prof. N. S. Khandagale, Prof. S. V. Borde graced the occasion.