



# AHMEDNAGAR AUTO & ENGINEERING ASSOCIATION (AAEA CLUSTER)

**COLLECTIVELY WE PROSPER...**



**CLUSTER... GOING STRENGTH TO STRENGTH...  
CREATING THE INNOVATIVE PATH**

[www.aaeacluster.com](http://www.aaeacluster.com)



## **AAEA - Ahmednagar Auto & Engineering Association plays as catalyst:**

Ahmednagar Auto and Engineering Association. AAEA is a Public limited company under section 8 of Companies Act-2013. It is a common facility center which has been started with the support of GOI's Cluster Development Program (CDP)



under MSME. AAEA plays an important role by offering its services for the benefit of industries based in and around Ahmednagar by providing latest manufacturing and testing facilities. AAEA provides them with training for skill sets required by the industry to the various technical institutions & local youth.

## **FACILITIES AT AAEA:**

**MACHINE SHOP:** It has modern machines like 5-Axis VMC, Turnmill Center, Jig boring, Grinding machine both cylindrical and surface, Wirecut and other conventional machines required in a machinshop. The reason for installing these machines is to support the individual for making of jigs and fixtures or to make prototype samples or to make pilot lots required for sample approval. This would be a cheaper way to get an order before investing in a particular machine for regular production.

**INSPECTION AND TESTING FACILITY:** Major challenges faced by industries in Ahmednagar is availability of inspection both for metallurgical and metrological. This has also been addressed by have relevant facilities being installed. The facilities that are put up at AAEA are:

**METROLOGY LAB:** It has the latest measuring instruments such as CMM, Contour Measuring Instrument, Roughness Tester, Height Master amongst others. This will greatly help engineering units for getting jobs inspected and speed up their response time to address the needs of the customer.

**METALLURGY LAB:** It has spectrometer and also a chemical lab for identifying the composition of material, instruments for testing mechanical properties such as tensile test, impact amongst others. This facility will certainly reduce the present waiting time from 3-4 days to one day for MSMEs.

**TRAINING FACILITY:** "AAEA CROMPTON GREAVES SKILL DEVELOPMENT CENTER" is a facility that is being put up in 4000 sq.ft area with 6 classrooms and a total seating capacity of 200 students.

The activities at skill development centre are -

- To impart employable skills to youth for their participation in economic development.
- Impart advance skills required by the industry due to advancement in machines.
- Facilitate in providing industrial exposure to students of educational institutes.
- To develop entrepreneurship skills among youth.
- Impart advance CAD CAM CAE courses to fresher & employees of industry.
- Knowledge empowerment for converting existing employees of the industries into skillful resource.
- Design & implementation of various courses as per the latest industry requirement.

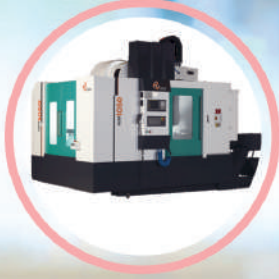
- AUDITORIUM:**
- Modern auditorium with seating capacity of 450 persons spread across 8000 sq.ft.
  - Common meeting facility for Ahmednagar based industries.
  - Facility to host exhibitions with large participation.
  - Facility for hosting large scale training programs.
  - Facility for hosting product promotional programs



MODEL: **JYOTI MAKE - TMC 250**  
(TURNING MILLING CENTER)



MODEL: **BHARAT FRITZ WERNER - UF 3.5**  
(UNIVERSAL MILLING MACHINE)



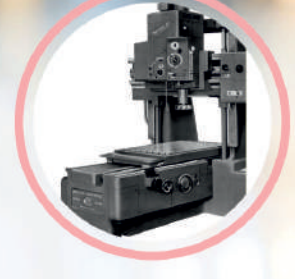
MODEL: **JYOTI MAKE - VMC 1050**  
(VERTICAL MACHINING CENTRE)



MODEL: **JYOTI MAKE - K2X8 5 AXIS**  
(VERTICAL MACHINING CENTRE)



MODEL: **PINNACLE PRECISION MAKE FASGM - 15060**  
(SURFACE GRINDING MACHINE)



MODEL: **SIP MAKE - HYDROPTIC - 6**  
(JIG BORING MACHINE)



MODEL: **ELECTRONICA MACHINE TOOLS LTD ULTIMA 2S**  
(CNC WIRECUT)



MODEL: **BATLIBOI - BR 515**  
(RADIAL DRILLING MACHINE)



MODEL: **CYLINDRICAL GRINDER 1000mm**  
(E-SWIFT 1000)



MODEL: **MICROTECH M/C HB-300A (AUTOMATIC)**  
(DOUBLE COLUMN BANDSAW)



MODEL: **AUROM KTK - FL LG 250**  
(BENCH DRILL)



MODEL: **SPARKONIX - SPEED II S50**  
(SPARK DRILL MACHINE)



MODEL: **IMPACT TESTING MACHINE - AIT300 ESM/ISO**



MODEL: **FINE BST-6 (PORTABLE HARDNESS TESTER)**



MODEL: **FINE - TSM-DM (WITH AUTO LOAD) (HARDNESS TESTER RC TSM-DM)**



MODEL: **FASNE - OPAB 3000 IPC (HARDNESS TESTER BHN)**



MODEL: **SALT SPRAY TEST SETUP**



MODEL: **ULTRASONIC FLAW DETECTOR (BLUE STAR - EPOCH 1000 I)**



MODEL: **UNIVERSAL TESTING MACHINE - UTE - 100 (BLUE STAR)**



MODEL: **INDUSTRIAL ENDOSCOPY IV8630M-P**



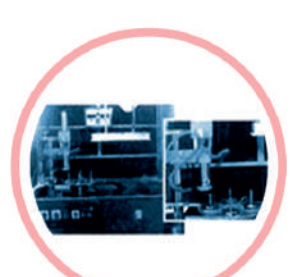
MODEL: **SPECTROMETER - LMXM6M (SIMULTANEOUS MULTI-ELEMENT ANALYSIS)**



MODEL: **RADIOGRAPHY - Y.XPO C001 (INDUSTRIAL X-RAY MACHINE)**



MODEL: **HAND HELD SPECTRA - XHH03**



MODEL: **CRACK DETECTION MACHINE - MCD 25-15-FY06**



MODEL: **CARL ZEISS CONTOUR RECORD**  
(CONTOUR TRACER) - 1600G-12N



MODEL: **SURFACE PLATE**



MODEL: **MITUTOYO SURFTTEST - SJ 411**  
(SURFACE FINISH MEASUREMENT-ROUGHNESS TESTER)



MODEL: **HEIGHT MASTER - LH 600-EG**



MODEL: **PROFILE PROJECTOR ACCURATE VPP-MAZ4030**



MODEL: **CMM - CORDIMESUR 10.15.8**  
(CO-ORDINATE MEASURING MACHINE)

**SERVICES AVAILABLE  
- OTHER**



MODEL: **AO PLOTTER - HP - Z5400**



**AAEA - CG SKILL DEVELOPMENT CENTER**

**COURSES OFFERED:**

- > CAD, CATIA, DELCAM
- > WELDING
- > CNC - TURNING / MILLING
- > LEAN MANUFACTURING (TPM)
- > MOTOR WINDING
- > PANEL WIRING
- > MOTOR PUMPS
- > ELECTRICAL WIRING

**KEY FEATURES:**

- > Trained and Qualified trainers
- > Latest machinery and infrastructure
- > Exposure visits to relevant industries
- > Placement assistance
- > Affordable fee structure



AAEA WITH ITS LARGE POOL OF MEMBERS HAVING THEIR OWN INDUSTRY WILL HELP CANDIDATES UNDERTAKING ITS PROGRAMME TO FIND SUITABLE OPPORTUNITIES OF GETTING EMPLOYMENT.

**➤ BENEFITS TO MEMBERS & INDUSTRIES**

- > THE RATES FOR USING THE FACILITY WILL BE LESS THAN MARKET RATE AND THE SERVICES WILL BE AVAILABLE FOR ANYBODY WISHING TO MAKE USE OF IT.
- > MEMBERS WILL BE GIVEN A DISCOUNT AS PER SHARE HOLDING (5% TO 20%) ON THE RATES.

**➤ BENEFITS TO CORPORATE**

- > TRAINING FACILITIES TO UNDERTAKE SKILL DEVELOPMENT AS PER CORPORATE / INSTITUTES REQUIREMENT.
- > TO DEVELOP TEAM OF VENDORS WITH MODERN MANAGEMENT AND MANUFACTURING TECHNIQUES TO COMPETE WITH GLOBAL COUNTER PARTS.
- > AVAILABILITY OF SKILLED AND EMPLOYABLE MANPOWER.

**OUR  
PROMOTERS**



सत्यमेव जयते



महाराष्ट्र शासन



MICRO, SMALL & MEDIUM ENTERPRISES



**AHMEDNAGAR AUTO &  
ENGINEERING ASSOCIATION  
(AAEA CLUSTER)**



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