



Jai Mahakali Shikshan Sanstha's

AGNIHOTRI COLLEGE OF ENGINEERING, (NAGTHANA)

Approved by AICTE, New Delhi, Recognise by Govt. of Maharashtra & DTE,
Mumbai, Affiliated to RTM Nagpur University, Nagpur

DTE Code : EN 4197

INFORMATION BROCHURE



Courses Run

B.E.

Mechanical Engineering

Electrical Engineering

Electronics & Communication Engg.

Computer Science Engineering

Civil Engineering

M. Tech.

Electronics Engineering

Computer Science & Engineering



AGNIHOTRI GROUP

Since 1985

A Temple of Learning

Nagthana Road, Near Bypass Highway, Sindi (Meghe), Wardha (Maharashtra) 442001

Web: www.agnihotrigroup.org/ace, www.acenagthana.ac.in

VISION

To develop globally competent efficient learner and community oriented model of engineering education.

MISSION

To create value added competent and research oriented trained engineering professionals for sustainable development of the society.

ABOUT THE SANSTHA

Jai Mahakali Shikshan Sanstha (JMSS), established in 1985, has emerged as one of the largest groups of educational institutions in Vidarbha region.

As a result of benevolence, dedication and untiring efforts of the chairman JMSS, hon'ble Pt. Shri Shankar Prasad Agnihotri, the group has a stupendous growth of more than twenty institutions. It includes schools for tribal and rural children with free lodging & boarding facility and education from pre-primary to doctoral research in various disciplines.

ABOUT THE COLLEGE

Agnihotri College of Engineering (Nagthana) was established in 2009 at Nagthana Road , Wardha. It is just adjacent to by Pass highway connecting Nagpur – Yavatmal – Amravati road. The college is about 3 Km away from Wardha railway Station as well as Wardha bus Stand. Free bus facility from Wardha city to college is available for the students.

The college is affiliated to Rashtrasant Tukadoji Maharaj Nagpur University and duly approved & recognized by All India Council for Technical Education and Government of Maharashtra.

With lush green lawns and academic ambience, the premises are best suited for curricular, co-curricular and extracurricular development of students. Guided by majority of teaching faculty pursuing doctoral research, the students are well prepared for challenges after their graduation. A high record of campus placement adds to our credentials.

The College offers following Bachelor of Engineering (B.E) courses and Master of Technology (M. Tech) courses.



Pandit Shri. Shankarprasad Agnihotri
President
Jai Mahakali Shikshan Sanstha



Shri. Sachin Agnihotri
Secretary
Jai Mahakali Shikshan Sanstha

VISITED CELEBRITIES



BACHELOR OF ENGINEERING (B.E)

Branch	DTE CAP Code	Seats
Mechanical Engineering	419761210	60
Electrical Engineering	419729310	60
Electronics & Comm. Engineering	419737010	60
Computer Science & Engineering	419724210	60
Civil Engineering	419719110	60

MASTER OF TECHNOLOGY (M.TECH)

Branch	DTE CAP Code	Seats
Electronics Engineering	419737610	24
Computer Science & Engineering	419724210	24

ELIGIBILITY FOR B.E FIRST YEAR

GENERAL CATEGORY

12th Std. Pass with minimum 50% marks in Physics , Chemisty/ Biology/ Vocational subject and Mathematics. Non- Zero Score in JEE / MH-CET

OBC / SC/ ST/ SBC/NT/ VJ CATEGORY

12th std. Pass with minimum 45% Marks in Physics , Chemisty/ Biology/ Vocational subject and Mathematics. Non –Zero Score in JEE / MH-CET

ELIGIBILITY FOR B.E DIRECT SECOND YEAR

Passed Polytechnic with minimum aggregate 50% marks.

Passed B.Sc with 50% Marks but must have Mathematics at 12th standard.

ABOUT DEPARTMENTS

Departments encourage students to build a firm foundation through core courses taught by experienced faculty and then progress towards more specialized expertise to become competent for global competitions. Departments follow specific action plans for special training and expertise of students in thrust areas.

Various student activities like Seminars, Workshops, Art and technique of Paper presentation, Technical Quiz contest, Debate Competitions, Sports Competitions, Cultural Activities, Industrial Visit, National service scheme, Adult Education etc. give an insight of developmental activities for future.



BASIC SCIENCE DEPARTMENT



Basic science department transforms young students of present days to young technocrats or successful entrepreneurs of future through effective knowledge. Well equipped laboratories for physics, chemistry etc. Provide students with facility to attempt experiments out of the curriculum also.

To enhance knowledge of students, separate computer lab with internet facility is provided.

MECHANICAL ENGINEERING DEPARTMENT:



The faculty provides state of art teaching & learning and is proficient in diverse areas like Production, CAD/CAM, fluid mechanics, robotics and machine design. The department supports industry-institute collaboration in the form of training, consultancy services and contract research.

The department embraces well equipped laboratories and infrastructural facilities like Automobile lab, Refrigeration & Air-Conditioning, energy lab, CAD/CAM lab, heat transfer lab etc.

COMPUTER SCIENCE & ENGINEERING DEPARTMENT:



The department offers four year degree course in engineering and two year post graduate course (M.Tech.) in Computer Science & Engineering.

Well equipped laboratories (project lab, c programming lab, advanced data structure lab, object oriented programming lab etc.) with Software's like Matlab, oracle, C, C+ + , java etc.



ELECTRONICS & COMMUNICATION ENGINEERING DEPARTMENT:



The department runs four year degree course in engineering and two year post graduate course (M.Tech.) in Electronics Engineering. Well-equipped laboratories with advanced equipments and software's like Altera & Matlab etc. help students to achieve excellence in design and research.

The focus of research by the department is on diverse aspects of signals and communication systems through cross layer designs and error control coding techniques.

CIVIL ENGINEERING DEPARTMENT:



Civil Engineering includes planning, designing and executing structural works. The profession deals with a wide range of engineering tasks including designing, supervision and construction activities of public works like roads, bridges, tunnels, buildings, airports, dams, water works, sewage systems, ports etc. It offers a multitude of challenging career opportunities.

The department has good interaction with construction industries, which is seen through series of sponsorships in the departmental activities, seminars and number of testing assignments.

ELECTRICAL ENGINEERING DEPARTMENT:



The increasing demand of Electrical power necessitates competent Electrical engineers capable of handling installation, maintenance, operation of power equipment and systems. Industries manufacturing electrical machines and equipment need engineers for design, production and testing. The major thrust in the field of electrical engineering curriculum is principles and detailed analysis of different types of equipment and systems for generation, transmission, distribution and utilization of Electrical Energy. The electrical engineer needs to study electronic devices and circuits involved in measurement, instrumentation, control and protection of electrical equipments and conversion systems.



LIBRARY



Our library has been an integral part of academic endeavour in college. Keeping in view the intensive and extensive use, the library is being constantly enriched by the acquisition of latest books and journals keeping in pace with changing times. The Library caters to the information needs of the institution's faculty, students, and research institutions & industries. Sufficient number of books by Indian & foreign authors are available in the library. Online & offline journals for additional knowledge, research and paper writing are regularly subscribed. Our college is a member of Delnet (e-journal) where students/staff has an access to more than 200 online journals. Study material for competitive examinations, GATE entrance and group discussions cater to vital part of student's future prospects.

The non-book collections include materials like audio/video cassettes and CDROM discs. It also has a separate collection of prescribed text books under 'Book Bank' for the exclusive use of students. Students can retain books for the whole session on meager deposits. A comfortable and spacious seating arrangement provides a complete academic atmosphere in the library where students can sit and concentrate.

TRAINING & PLACEMENT

The Training & Placement department provide training to the students to expose them to the practicalities of their curriculum through industrial visits, personality development programs and expert lectures from industry and institutes.

Also workshops are organized to make students aware of modern practical environment & industry culture. We also provide training for the faculty on latest teaching methodology, technical development programs and research avenues to keep the faculty updated. T&P have adequate proper infrastructure to conduct placement activity, seminars etc. We have experienced staff for conducting & organizing campus drives at the college & outside the college. A healthy campus placement adds to our credentials.



Pawan Meshram
Mechanical
Engineering
: Company :
Bosh India
Pvt.Ltd., Nashik.



Ganesh Darade
Mechanical
Engineering
: Company :
Arvin Meritor
Pvt. Ltd., Pune



Sukhdev Pal
Electrical
Engineering
: Company :
Bhilosa indu. Pvt.
Ltd., Silvasa,Gujrat



Yogesh Sable
Electrical
Engineering
: Company :
Maha. State Elect.
Distri. Comp. Ltd.



Prashant Futane
Electrical
Engineering
: Company :
Indian Railway



Suresh Misal
Electrical
Engineering
: Company :
Dream Plast
India Pvt.Ltd.



Pratik Tidke
Electronics &
Comm. Engg.
: Company :
Finolex
Cable Ltd.



Machindra Urade
Electronics &
Comm. Engg.
: Company :
ESCON Elevators
Pvt.Ltd. Navi Mumbai



Pramod Mahajan
Civil Engineering
: Company :
Stup Consultant
Pvt.Ltd.,
Mumbai



Narendra K. Jagne
Computer
Science Engg.
: Company :
Neo Soft
Technologies



Multifunction Modified Desert Cooler



Three Way Charging Electric Bicycle

CO-CURRICULAR ACTIVITIES

Our college is zonal centre for Robotics, Networking Championship, Automotive design and analysis in association with IIT, Delhi. Overall development of students is achieved by conducting seminars, paper presentations, technical event competitions like Technical quiz, Project making, Circuit design, Robotics and Roborace, Bridgemade, Blind C, LAN gaming etc. Also workshops are held for students like PCB designing workshop, workshop on Practical manufactures of 3-phase transformers with testing etc. Guidance for industrial training and specialized programs after graduation is given. Awareness programs related to further studies are arranged from time to time.

Beside the regular academic exercises the students have a chance to become member of professional bodies like Indian Society for Technical Education (ISTE), Indian Society of Electrical and Electronics Engineering (IEEE), and Computer society of India (CSI).

Other activities to improve upon soft skills of students are conducted.

Zonal Center IIT Delhi for ROBOTRYST



Zonal Center IIT Delhi for India's Biggest Networking Championship



Zonal Center IIT Delhi for Auto Motive Design & Analysis (Live disassembling & assembling of a car engine)



Workshop on Designing of 3-Phase Transformer



WOKSHOP ON TWO WHEELER ENGINE MAINTAINANCE



WORKSHOP ON HARDWARE NETWORKING



WORKSHOP ON PLC AND SCADA



SPORTS AND GAMES

The college has infrastructure and adequate facilities for all the indoor and outdoor games and sports for the students to participate and also to conduct inter-department and inter-collegiate sports tournaments. Our students regularly participate in inter-collegiate and university level sports events.



EXTRA CURRICULAR ACTIVITIES



Amravati, Wardha teams shine

Divisional-level cricket meet 'AGI-Trophy-2012' was organised

District Correspondent
ARDHA, Feb 22

A ten-day long divisional-level cricket meet 'AGI-Trophy-2012' was organised by Agnihotri College of Engineering, Agnihotri Polytechnic and Shri Babulaji Agnihotri College of Park Agnihotri, Wardha.

अग्निहोत्री अभियांत्रिकीच्या विद्यार्थ्यांचा मेळावा

शुक्रवारी रात्री अग्निहोत्री अभियांत्रिकी विभागाच्या विद्यार्थ्यांचा मेळावा संपन्नपणे संपला. यावेळी विद्यार्थ्यांनी आपापसांत मैत्रीपूर्ण स्पर्धा करून घेतली. यावेळी विद्यार्थ्यांनी आपापसांत मैत्रीपूर्ण स्पर्धा करून घेतली.

Three Agnihotri Engg College students shine

District Correspondent

Manoj Bhojar wins bike race

Manoj Bhojar, second year student of Agnihotri Polytechnic, Wardha, won the first prize of Rs 2,000 in a bike race organised by Agnihotri College of Engineering, Agnihotri Polytechnic and Shri Babulaji Agnihotri College of Park Agnihotri, Wardha.

कार इंजिन डिझाईनवर अग्निहोत्री इंजिनियरिंगमध्ये कार्यशाळा

कार इंजिन डिझाईनवर अग्निहोत्री इंजिनियरिंगमध्ये कार्यशाळा संपन्नपणे संपली. यावेळी विद्यार्थ्यांनी आपापसांत मैत्रीपूर्ण स्पर्धा करून घेतली.

कार्यशाळात बघीतले विविध इंग्रजी भाषांचा विद्यार्थ्यांनी मोठ्या संख्येने सहभाग घेतला.



अभियांत्रिकी विद्यार्थ्यांच्यासाठी नेटवर्किंग कार्यशाळा

अभियांत्रिकी विद्यार्थ्यांच्यासाठी नेटवर्किंग कार्यशाळा संपन्नपणे संपली. यावेळी विद्यार्थ्यांनी आपापसांत मैत्रीपूर्ण स्पर्धा करून घेतली.

28 विद्यार्थ्यांच्यासाठी काँक्रेट कार्यशाळा

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खेळाडूंनी खेळातानी सहजता, सरलता आणि सकारात्मकता ठेवावी : अग्निहोत्री

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अग्निहोत्री कॉलेज ऑफ इंजिनियरिंगचा १०० टक्के निकाल

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