EVERY ONE
A COMPLETE ENGINEER

14 years of excellence to mould...
EVERY ONE A COMPLETE ENGINEER

ENGINEERING THE FUTURE

ADITYA INSTITUTE OF TECHNOLOGY AND MANAGEMENT
An Autonomous Institution

Counseling Code
ADIT
At AITAM, we are committed to excellence in everything we do. We strive to mould the students in balancing intellectual and practical skills to become leaders in all the fields of Technical know-how and Management. We have created the finest facilities for the students to make the most of their scholastic pursuit.

We are closely aligned with the corporate world which ensures exchange of ideas and experiences that keep our curricula focussed on current developments and challenges in the field of engineering.

We are firmly committed to research and consultancy activities to contribute to the development of the discipline of engineering.

Our vitality lies in our spirit of innovation.
Our strength lies in our pragmatic approach.
Our success lies in our will to do.

Rtn (PHF) Dr K Someswara Rao
MD, DCH
Chairman

OUR MISSION
Synergizing knowledge, technology and human resource, we impart the best quality education in Technology and Management. In the process, we make education more objective so that the efficiency for employability increases on a continued basis.

OUR VISION
To evolve into a premier engineering institute in the country by continuously enhancing the range of our competencies, expanding the gamut of our activities and extending the frontiers of our operations.
With each sunrise, we start anew

AITAM

ACADEMIC
Institute Pedagogy
Courses Offered
Academic Experience
E-learning
QEEE

ADOBE
Laboratories
Central Library
Central Computing Facility
Central Seminar Hall
Cafeteria
Hostel Facility
Transport Facility
E-Clinic
Sports

ACTIVITIES
Industry Initiative
Placement Program
NSS
Leadership Initiative
Career Guidance Cell
Entrepreneurship
Alumni
Infosys campus connect

wisdom is knowing the right path to take.
integrity is taking it.
An extent of forty-five acres of clean, green and serene area, the institute has the beauty of a modern day Gurukul. Situated near the river Vamsadhara and having the sea at an hour's journey, the Institute is provided with an enjoyable coastal climate.
THE PLACE

Placed on the Chennai-Kolkata NH-16 road, the institute is well connected by both bus and train travel, the nearest Railway Station being Naupada, only 5 Kms away from the campus. The institute is placed in Tekkali, which is only 45 Kms away from Srikakulam. Frequent buses are available from Visakhapatnam and Ichapuram.
Aditya Institute of Technology and Management is founded to meet the increasing demand for competent engineering graduates. Within a short span of its inception, AITAM has grown to be a premier engineering college of its kind and has won laurels and kudos from the industry. The faculty and staff in AITAM are dedicated to providing first-class education that instills strong and potent basic knowledge for sound practice in science and engineering for the well-being of the society. The Institute offers curricula that nurtures creative thinking and prepares students for productive and rewarding careers. The Institute offers programmes that deepen learning experiences of our students and prepare them for successful careers as engineers.

Engineering education at AITAM is indeed a rewarding intellectual experience. The Institute prepares the engineering professionals of tomorrow imbued with insight, imagination and ingenuity to flourish as successful engineers. Our programs are attuned to the needs of the changing times. The classrooms are ultramodern; the library and labs are cutting-edge; and all the members of the faculty are workaholic professionals and masters in their fields. Not surprisingly, our students are recruited by such renowned organizations as HCL, Tech Mahindra, Infosys, TCS, L&T, IBM, Visual Soft, Innova Solutions and Infotech. The exceptional dedication of our students, faculty and staff, and our collaborations with industry and other institutions ensure that the Institute is well poised to create a unique niche in the horizons of engineering education.
The road to excellence is toughest, roughest and steepest in the Universe.

It is only through knowledge that man attains immortality. Knowledge has to expand or grow to remain knowledge. The road to excellence is toughest, roughest and steepest in the Universe. The world requires and honors only excellence.

Available information has to be directed by wisdom and intelligence to create new knowledge. Promotion of creativity is the new role of education. It is only through creative thinking that the present and future problems can be addressed to find dynamic solutions. Technology should be used to help remove poverty from the world. In fact 40% of the world’s poor are in India. Confidence leads to capacity. It is faith in oneself that produces miracles. Education at AITAM helps build character, strengthen the mind, expand the intellect and establish a culture of looking at problems in a new perspective.

The student is put through rigorous training so that he can stand on his own feet after leaving the portals of the Institute.
The programs are designed and delivered to meet industry’s criteria for employment. They focus on fundamentals as well as practice. They lay stress on creative thinking and problem solving skills. They emphasize written and oral communication, teamwork, design, time management, computer utilization and communication. They aim at education for career-long learning, giving students the educational tools to enable them to deal with the rapidly advancing technologies. It is the forte of the Institute.
LAB FACILITIES

> HDL program lab
> Optical microwave and antennas lab
> Signal and image processing lab
> Analog and digital communication lab
> Integrated circuits & pulse digital circuits lab
> Electronic device and circuits lab
> Micro processor and Micro controller lab
> Electronic Computer Aided Design lab
> Digital signal processing lab
AITAM established the department of Electronics and Communication Engineering (ECE) in 2001 with an initial intake of 60 students and got approval for additional intake of another 120 consequently. A Post graduate program (M.Tech) in ECE in the specialization VLSI System Design was introduced in 2008-2009 with an intake of 18 seats and a new specialization DECS was granted by AICTE with an intake of 18 seats in 2011-2012. The department of ECE was accredited by National Board of Accreditation for 2nd time. Both the B.Tech and M.Tech programs were duly approved by the AICTE, and permanently affiliated to JNTUK. The department of ECE is leaping forward with strength over the years.

Department Highlights

- Established - 2001-2002
- Advanced laboratories like VLSI Design Digital signal processing
- Qualified and experienced faculty

M.Tech Specialization

- VLSI System Design
- Digital Electronics and Communication Systems

Doctorates

- Dr. Y. GOPALA RAO
- Dr. G. SATEESH KUMAR
- Dr. M.N.V.S.S. KUMAR

Autonomous Subjects

- Speech processing
- Analog IC design
- Transform techniques
- Digital IC design
- Bio medical image processing
- Optimization techniques
- Multirate signal processing
- Data Mining & Warehousing

STUDENTS ACHIVEMENTS

Got first prize in "Curios 2k13" at ANITS
Got first prize in "Thrusang 12" at K L University, Vijayawada
Got third prize in "Wissenaire 13" at IIT, Bhubaneswar

Core Courses

- Analog Circuit Analysis - 1
- Switching Theory & Logic Design
- Signals & Systems
- Pulse & Digital Circuits
- Probability Theory & Stochastic Processes
- Analog Circuit Analysis - 2
- Analog Communications
- Electromagnetic Fields and Transmission Lines
- Linear and Digital IC Applications
- Digital communication
- Digital Signal Processing
- Electronic Measurements and Instrumentation
- Computer Organization & Architecture
- Managerial Economics & Management Science
- Microprocessors and Microcontroller Applications
- EM Waves
- Antennas and Wave Propagation
- VLSI Design
- Digital Image Processing
- Radar and Microwave Engineering
- Optical Communications
- Telecommunication Switching Networks

Electives

- TV & Satellite Communications
- Speech Processing
- Analog IC design
- Transform Techniques
- OOPS through Java
- Wireless Communication Networks
- Biomedical Signal Processing
- Digital IC Design
- Artificial Neural Networks
- Data Base Management Systems
- Optical Networks
- Multirate signal processing
- Microprocessor & Microcontroller Applications
- Fuzzy Logic Systems
- Operating systems
- Remote sensing
- Embedded & Real Time Operating Systems
- Genetic and Swarm optimizing algorithms
- Network security & Cryptography.
Department Highlights

> Established - 2001-2002
> Advanced laboratories like Web technologies, Android
> AICTE funded multi-core computing lab - Rs.7 lakhs
> Qualified and experienced faculty

M.Tech Specialization

> Computer Science Engineering

Doctorates

> Dr. N.B. VENKATESWARLU
> Dr. G.S.N. MURTHY

Autonomous Subjects

> Software project management
> Advanced computer architecture
> Advanced database
> Cloud computing
> Digital image processing
> Neural networks
> Parallel computing and algorithms
> Mobile adhoc and sensor networks

Core Courses

- Mathematics
- Applied Physics
- Computers & Information Technology
- C & Data Structures
- Network Theory
- Semiconductor Devices & Circuits
- Engineering Drawing Practices
- Discrete Structures & Graph Theory
- Data Processing & File Organization
- Linear & Digital ICs Applications
- Switching Theory & Logic Design
- Managerial Economics & Accountancy
- Probability & Statistics
- Electrical Technology
- Computer Organization
- Design Analysis of Algorithms
- Operations Research
- Data Communications
- Theory of Computation
- Principles of Programming Languages
- Systems Programming
- Management Science
- Computer Graphics
- Computer Networks
- Artificial Intelligence
- Language Processors
- Database Management Systems
- Software Engineering
- Distributed Systems
- Visual Programming Techniques
- Java Programming

Electives

- Advanced Computer Architecture CS
- Fault Tolerance Systems
- Digital Speech & Image Processing
- Neural Networks
- Simulation & Modelling
- Robotics
- Data Mining & Warehousing
- Advanced Databases

ADD ON COURSES

- Web Designing, PHP
- Advanced Java
- Android Technologies
- Animation - 2D, 3D

Application

Software used

Microsoft Windows
IBM Rational Rose
LINUX
Aditya Institute of Technology and Management established the department of Computer Science & Engineering (CSE) in 2001 with an initial intake of 60 students and got approval for additional intake of another 120 seats consequently. A Post Graduate program (M. Tech) in CSE was introduced in 2008-09 with an intake of 18 seats. An additional intake of 18 seats was incorporated in 2009-10 and the total intake of M. Tech program reaches 36 seats. Department of CSE was accredited by National Board of Accreditation (NBA) for 2nd time. It is an added feather to our crown. The department of CSE feels proud to announce that this institution has got accredited by NAAC in September, 2011. The college has got TEQIP funds in phase-II under sub-component 1.1. These two important additions surely enhance the prestige of the institution; in turn help students to improve their academic standards. Both the B.Tech and M.Tech programs were duly approved by the AICTE and Govt. of A.P and the institution is permanently affiliated to JNTU-K. The department of CSE is leaping forward with strength by strength over the years.

**LAB FACILITIES**

- Micro Computing Lab
- R & D Lab
- All Class rooms are equipped with LCD Projectors

**STUDENT ACHIEVEMENTS**

- P. Mohan Krishna on 12/03/2013 Project expo (EKATHRA'13), GVP Vishakapatnam got first prize.
- B. Nitish on 02/03/2013 Paper Presentation (Vajra 2K13), Pydah, Vishakapatnam got first prize.
- B. Chaitanya on 02/03/2013 Paper Presentation (Vajra 2K13), Pydah, Vishakapatnam got first prize.
- P. Veda Vyas and K. Sidhu on 15/02/2013 Paper Presentation (E-FREQZZ2K13), SVCET, Srikakulam.
- P. Mohana Krishna on 05/01/2013 National Level Ethical hacking (SHAASTRA-2013), IIT Chennai got first prize.
Department Highlights

- Established - 2001-2002
- Qualified and experienced faculty
- Received Rs.4 lakhs for FDP from AICTE
- DRDO issued Rs.40,000 for organizing a conference

M.Tech Specialization

- Power Electronics
- Electric Drives

Doctorates

- Dr. K.B. MADHU SAHU
- Dr. D. VIJAYA KUMAR

Autonomous Subjects

- Signals and Systems
- Self study courses

Elective Autonomous

- Extra High Voltage Transmissions
- Power Quality Management
- Advanced control systems
- Micro Electro Mechanical Systems

Core Courses

- Engineering mathematics
- Engineering chemistry
- Fundamentals of electrical engineering
- Engineering mechanics
- Computer programming
- Engineering physics
- Engineering Drawing
- Electonic devices and circuits
- Electrical circuit analysis
- Electrical and logic design
- Complex variables and statistical methods
- Control systems
- Power system
- Electrical measurements
- Linear Digital integrated circuits
- Pulse and digital circuits
- Signals and systems
- MEFA
- Power Electronics
- Computer Organization and Architecture
- Power semiconductor drives
- Power system operation and control
- Microprocessor and Micro controllers
- Utilization of electrical engineering

Electives

- Digital control system
- Advanced control system
- Electrical distribution system
- Instrumentation
- Digital signal processing
- VLSI design
- Power quality management
- Artificial Neural Network & Fuzzy Logic
- Database Management
- HVDC transmission
- Extra High Voltage transmission.
Aditya Institute of Technology and Management established the department of Electrical and Electronics & Engineering (EEE) in 2002 with an initial intake of 60 students and got approval for additional intake of another 120 seats consequently. A Post graduate program (M. Tech) in Power Electronics and Electric Drives was introduced in 2010 with an intake of 18 seats. The department of EEE was accredited by National Board of Accreditation for second time. It is an added feather to our crown. The department of EEE feels proud to announce that this institution has got accredited by NAAC. The college has got TEQIP funds in phase-II under sub-component 1.1. These two important additions surely enhance the prestige of the institution; in turn institution helps students to improve their academic standards. Both the B.Tech and M.Tech programs are duly approved by the AICTE and affiliated to JNTUK. The department of EEE is leaping forward with strength and efficiency year by year.

LAB FACILITIES

- Industrial Automation Lab
- Electrical Simulations with Simulink
- Electrical Machines Lab
- Electrical Networks Lab
- Electrical Measurement Lab
- Power Electronics Lab
- Control Systems Lab
- Simulation of Electrical systems Lab with Multisim and Matlab Software
- Power Electronics and Electric drive
- R&D Lab
- Basic Electrical and Electronics Lab
- Electrical technology Lab
- Power Electronics and Simulation Lab
MEC
Mechanical Engineering

LAB FACILITIES

> MAT Lab
> 3D Modeling Labs
> CAE Lab
> Work Shop/ Production Technology Lab
> Machine Tools Labs
> Thermal Engineering Lab
> Strength of Materials Lab
> Fuels Lab
> Metallurgy Lab
> Metrology Lab
> Simulation Lab
> Fluid Mechanics Lab
The Department of Mechanical Engineering is a premier resource centre, dedicated to build skills in Design, Manufacturing & Streams and overall development of the students. The Department is Accredited by NBA, offers a 4 year B.Tech Degree Course with a specialization in Mechanical Engineering. The Department has substantial laboratory facilities and is supported by a team of highly qualified teaching professionals with acknowledged credentials.

> Water initiatives project funded by D.S.T In the year 2011 with an amount of Rs 49 lakhs.
> MODROBS funded by AICTE In the year 2012 with an amount of Rs 12.8 lakhs.
> MODROBS funded by AICTE In the year 2013 with an amount of Rs 13 lakhs.
> RPS funded by AICTE In the year 2013 with an amount of Rs 16 lakhs.

**Department Highlights**

> Established in 2004-2005
> Intake of 120 seats
> Advanced laboratories like Simulation, Computational Methods, Pneumatics & Hydraulics
> Qualified and Experienced faculty

**M.Tech Specialization**

> Thermal Engineering

**Doctorates**

> Dr. N.Haribabu
> Dr. C.J.Rao
> Dr. D.Sreeramulu

**Autonomous Subjects**

> Tool Design
> Mechatronics
> Nano Technology
> Design for Manufactruing Assembly

**Collaborations**

- Ramtech Manufacturing Industries, HYD
- Marine Infra, VSP
- Indo German Institute of Advanced Technology Visakhapatnam

**Core Courses**
- Complex Variables & Statistical Methods
- Mechanics of Solids
- Production Technology
- Engineering Metallurgy & Material Science
- Thermodynamics
- Managerial Economics and Financial Analysis
- Fluid Mechanics and Hydraulic Machinery
- Kinematics of Machinery
- Design of Machine Members
- Thermal Engineering
- Machine Drawing
- Dynamics of Machinery
- Metal Cutting and Machine Tools
- CAD/CAM
- Metrology
- Instrumentation and Control Systems
- Industrial Engineering and Management
- Heat Transfer
- Operations Research
- Finite Element Methods
- Refrigeration & Air Conditioning
- Alternative Sources of Energy
- Unconventional Machining Processes
- Interactive Graphics

**Electives**
- Automobile Engineering
- Computational Fluid Dynamics
- Condition Monitoring
- Rapid Prototyping
- Metal Corrosion
- Nanotechnology
- Automation in Manufacturing
- Non Destructive Evaluation
- Advanced Materials
- Power Plant Engineering
- Production Planning and Control
- Advanced Optimization Techniques
- Gas Dynamics & Jet Propulsion
- Quality and Reliability Engineering
- Robotics

**ADD ON COURSES**
- Product Lifecycle Management
- Digital Manufacturing

**Application Software used**
- AutoCAD
- ANSYS
- Unigraphics-Nx
Civil Engineering

Department Highlights

> Received grants from DST Rs 24 lakhs towards projects
> Grants from DST Rs 10 lakhs for FDP  > Pursuing 3 Ph.D’s
> 5 International journal Publications > 3 National Journal Publications
> 3 Conferences

Students achievements

> Got cash prize in Ekthara 2k13 at GVP, Visakhapatnam

Doctorates

> Dr. B.V. REDDY

Autonomous Subjects

> Strength of Materials Surveying
> Construction Materials and Practices
> Structure Analysis
> Building, Planning & Drawing
> Design & Drawing of Concrete Structures
> Geo Technical Engineering
> Transportation Engineering
> Water Resource Engineering
> Environmental Engineering
> Estimation & Quantity Survilance
> Design of steel structures
> Remote sensing & GIS applications
> Self study courses.

Electives

- Earthquake resistance
- Traffic Engineering
- Prestressed concrete
- Ground improvement techniques
- Water shed management
- Bridge Engineering
- Pavement Analysis & Design

Application

Software used

- AUTO CAD
- GEO GRAPHICAL INFORMATION SYSTEM
- STAAD PRO

ADD ON COURSES

- Total stability
- GPS
- DGPS
Aditya Institute of Technology and Management established the department of Civil Engineering (CIVIL) in 2011 with an initial intake of 60 students. The department has fully established laboratories. The college has got TEQIP funds in phase-II under sub-component 1.1. The B.Tech programs are duly approved by the AICTE and the institution is affiliated to JNTU-K. The department of CIVIL is leaping forward with strength by strength over the years.

The Department of Civil Engineering is approaching a consultancy service with regard to planning and identifying Water Resources.

LAB FACILITIES

- Engineering Geology Lab
- SOM Lab
- Surveying Lab
- MOF & Hydraulic Machinery Lab
- Concrete Technology Lab
- CAEDP Lab
- Transportation Engineering Lab
- Environmental Engineering Lab
- Geotechnical Engineering Lab
- GIS & STADD Pro Lab
LAB FACILITIES

- Parallel Computing Architecture Lab
- Image Processing Lab
- Web Technology Lab
- Mobile Application Development Lab
Aditya Institute of Technology and Management established the department of Information Technology (IT) in 2001 with an initial intake of 60 students. A Post graduate program (M. Tech) in IT was introduced in 2008-09 with an intake of 18 seats. The college has got TEQIP funds in phase-II under sub-component 1.1. These two important additions surely enhance the prestige of the institution; and in turn help students to improve their academic standards. Both the B. Tech and M. Tech programs were duly approved by the AICTE and permanently affiliated to JNTUK. The department of IT is also Accredited by NBA, AICTE.

Department Highlights
- Established - 2001-2002
- 53 Publications

M.Tech Specialization
- Information Technology

Doctorates
- Dr. B.V. RAMANA
- Dr. G.R.S. MURTHY

Autonomous Subjects
- Distributed operating system
- Soft Computing
- Information Retrieval systems

STUDENT ACHIEVEMENTS
- Got first prize in stepcone-2k13 at GMRIT Rajam
- Got first prize in sparx-2k11 at Avanthi Engineering Colleges
- Got second prize in engexce-2k11 at Pitam, Palasa
- and more than 20 prizes won at different events

Core Courses
- Probability and Statistics
- Math. Foundations of Computer Science
- Advanced Data Structures
- Digital Logic Design
- Electrical & Electronics Engineering
- Advanced Data Structures Lab
- Digital Logic Design Lab
- Electrical & Electronics Lab
- Software Engineering
- Object Oriented Programming
- Database Management Systems
- Compiler Organization and Architecture
- Formal Languages & Automata Theory
- Principles of Programming Languages
- Object Oriented Programming Lab
- Database Management Systems Lab
- Industrial Management Science
- Compiler Design
- Operating System
- Computer Graphics
- Microprocessors and Micro Controllers
- Compiler Design Lab
- Operating Systems Labo
- Microprocessors and Microcontrollers Lab
- Computer Networks
- Object Oriented Analysis & Design
- Design and Analysis of Algorithms
- Data Warehousing and Data Mining
- Web Technologies

Electives
- Artificial Intelligence
- Image Processing
- E-Commerce
- Human Computer Interaction
- Computer Networks & Case Tools
- Web Technologies Lab
- Self Study course-II*
BS&H
Basic Sciences & Humanities

Department Highlights

> 40 Plus National & International Journals
> 10 Plus Conferences
> Two English & One Mathematics text books for 1st B.Tech students

Doctorates

> Dr. P VENKOJI
> Dr. G VASANTI
> Dr. A LAKSHMANA RAO
> Dr. B SRINIVASA RAO
> Dr. S NAGESWARA RAO
> Dr. R SANTHI KUMAR

Core Courses
- Mathematics
- Engineering Physics
- Engineering Chemistry
- Environmental Science
- Mathematical Methods
- English
Department of Basic Sciences and Humanities is established with a view to brush up students in human skills like communication skills and improving English Language. The Department comprises of English, Physics, Mathematics and Chemistry. The department has sophisticated and modern English Language Lab with the required software. The lab is well furnished and quite interactive in teaching methodology. The objective is to inculcate the necessary communication skills so that these students excel in the competitive world. The Department provides enough inputs in the Engineering Mathematics, Engineering Physics and Chymistry with its up to date syllabus in Basic Sciences.

LAB FACILITIES

> Chemistry Labs
> Physics Labs
> English Language Labs
MBA
Master of Business Administration

Doctorates
> Dr. D. VISHNU MURTY
> Dr. B. SIVA KUMAR
> Dr. C. PATNAIK
> Dr. K. VENU GOPAL
Department of Management Studies (MBA) was established by AITAM in 2006 with an initial intake of 60 students and now got approval up to 120. The Department has got accredited by NACC for the standards of the academic program being organized. The MBA program was approved by AICTE, Govt of A.P and permanently affiliated to JNTUK. The Department is leaping forward with all the relevant and novice modifications in the course and curriculum for the benefit of the students.

Department Highlights

> Qualified and Experienced Faculty with UGCNET and APSET
> Contagious Research practices such as organizing and participating in projects, publications and Paper Presentations
> Conducting innumerable activities of AITAM CENTRE FOR MANAGEMENT EXCELLENCE, a students' centre for the development of personality, communication and leadership
> Acting as resource persons for RTI ACT, DR MCR HRD institute, Governing Body Member for NGOs and consultant for MSME.
> Exceptional support for students' participation and involvement in Management meets, National and International Conferences
> Updated Teaching Methodology such as Role playing, TATs, Case studies and Simulations.
> Abundant infrastructural and technological facilities for the students such as AC seminar halls, Wi-fi, On-line Education, E-learning and Digital class-rooms.

Students achievements

> Students participated in National level event “Sambav 2014” at GITAM and got first prize.
> Attended “Global Entrepreneur Summit 2014” Organized by IIT Kharagpur.
> They presented many papers on different Management issues in National and International Conferences and some of them have also been published.
> Participated in field surveys Under Rajeev Yuva Kiranalu.
> 75% students have got placements in reputed organizations.

Autonomous Subjects

> Offering-Specializations focus on demand.
1. Marketing
2. HR
3. Finance
4. Banking & Insurance
5. Information Technology Management
6. Enterprise Management

> Direct Industrial Interface through Industry and Survey Analysis
> Pre-Placement training in consideration with the dynamic changes in the industry needs.
> Industrial visits for the preparation of cases / Formulation of cases short and long tours to different places in all over India
> Communication lab.
> Adding seminars, GDs & Other Personalities Development activities in the curriculum.
Infrastructure

The college possesses the state of the art infrastructure facilities which include bright and well ventilated classrooms, tutorial halls, conference room with common facilities like LCD projector and overhead projectors.

All the laboratories are well equipped and are provided with a laboratory classroom exclusively to provide laboratory instructions before the commencement of the individual laboratory experiment.
Aditya with its beautifully landscaped and carefully tended gardens, provides an ideal environment for a congenial learning experience. Here is a campus that invites students out of their hostels to spend time between classes midst greenery and joy the green scenery.

**SPOTLIGHT ON PERFORMANCE**

**AITAM College FM Radio**

This is designed by Kasi Viswanath of EIE dept. The main advantages of this FM are low cost and has simple maintenance.

Signal strength of this college FM is upto 2 kms, and further expandable basing on the Government permissions for particular frequency.
E-Learning:

Modern technologies are changing the technical learning environment. With the widespread use of the internet exponential growth has been experienced in the field of multimedia and web technologies. AITAM is providing an E-Learning portal to the Teacher-Student community with new communication and collaboration tools and possibilities to disseminate high quality and interactive materials and conducting assessments. With this, our education environment has a new perspective to explore in order to improve and even re-engineer the overall technical teaching and learning concept.

Virtual Seminar Halls:

Every department has its own independent seminar hall with 200 seating capacity. All seminar halls are equipped with AC facility along with LCD projector, screen broadcast and latest audio facility. The seminar halls, which are connected with internet, are very convenient to conduct video conferences, Skype based programs. The seminar halls are used for guest lectures, seminars and workshops etc.
Hostels

The institution provides state-of-the-art hostel accommodation to both boy and girl students separately within the campus with A/C facility. These hostels have a full-time warden, recreation facilities, a small library and reading room, power backup, Wi-Fi internet access and other facilities. Students enjoy the feel at home environment in the hostels.

SPOTLIGHT ON PERFORMANCE

Anti - Ragging Meeting

An active and agile Anti - Ragging committee monitors the campus round the clock to keep it alive and alert the student to curb the menace of ragging in AITAM. An Anti-Ragging meeting is held every year to address the senior students with eminent personalities like civil judge, senior lawyer and police personnel.

It is pride to say that AITAM is a ragging free campus.
AITAM always recognizes libraries as chief sources of dissemination of knowledge and as hubs of all academic activity, particularly in Higher Education. With this view we have specially strengthened the Central Library, along with departmental libraries providing all sophisticated facilities like Air Conditioning, Digital library with internet facility and advanced reprography section. A branch library provided in Srikakulam town is regularly used by the students on all working days. The Central Library works from 8 am to 9 pm on all working days and 8 am to 1.30 pm on all holidays. The library has 50,000 volumes under 8,215 titles and 1,800 soft copies and 210 hard copies of periodicals and all available news papers. The reading room part of the library provides undisturbed reading space for about a hundred students.

Digital Library :

The Digital Library has 34 Computers connected on LAN and allows browsing the Internet for Academic Purpose. The Library has IEEE, ASCE, ICFAI, SPRINGR, MPTL online subscription and Membership in Development Library Network (DELNET), through which one can access specialized bibliographic database of books, serials and non-book materials.
Transport

At present, AITAM has its own fleet of buses being run for the conveyance of Day-scholars from all over Srikakulam district for the transportation of the Day-scholar students and staff.

The bus routes are decided based on the strength of the students for a particular destination from the college premises.

Cafeteria

A mess with a dining hall, kitchen and other facilities is provided to students and staff. Food is prepared hygienically.

South Indian vegetarian and non-vegetarian food, hygienically prepared by trained chefs is served every day to suit all. The Menu is designed taken into consideration the nutritional and calorific requirements of the student.
E-Clinic:

AITAM has established an E-Clinic on its campus. It is a spacious one containing 3 beds and all medical facilities. A doctor and a nurse are available in the E-Clinic to provide 24x7 first aid medical services to its students and faculty members.

The services and medicines are available at free of cost.

Gym

Gym is for maintaining the physical fitness and health. It has been provided for our students and staff in our campus. The Gym is open on all working days and is free-to-use for all College students. Having been extended in recent years, the Gym now consists of all modern equipment.
Exposure

Each Department of the institution has a separate student chapter and associations. Our students also actively take part in seminars, symposiums and workshops conducted by other institutions and get prizes.

Our students have won the overall Championship and the Rolling Cup in Symposia conducted by JNTUK Engineering Colleges.

Personality Development workshops are organised every year by our institute for the pre-final and final year students. These programs train our students in soft skills and other prerequisites to face interviews. The students are equipped with communication skills, leadership skills and management to undergo group discussion and mock-interview sessions. Leading Training Experts from the field of Education and HR officials are engaged for this purpose. Special talk and seminars are conducted for the 1st year students.

The college has a fully air conditioned mini-auditorium with a seating capacity of 250 members in the Administrative Block. A modern auditorium, which can accommodate 1500 will be available shortly in the campus.
Professor R. D. Boyle, Head of the Department of CSE of the University of Leeds, UK visited our campus on 15.01.2010. He advised the students to focus on a career of their choice and put in their efforts to realize their dreams. He said that good opportunities were commensurate with higher education. He also predicted the occurrence of several revolutionary changes in the field of CSE. He also said that the students who were keen on R & D would get excellent opportunities in the future days.
Quality Enhancement in Engineering Education (QEEE)

With a view to bridge existing gaps in Engineering education and also to enhance the quality of Indian Engineering Education, the Ministry of Human Resource Development is implementing in collaboration with IIT, Madras.

The program consists:
> Live Lectures  > Tutorials  > Virtual Labs  > MOOC (Open course ware)

We are proud to state that AITAM is one of the Institute chosen for this prestigious project among 7 Colleges selected from entire Andhra Pradesh.

Infosys Campus Connect

Infosys Ltd launched Campus Connect, an industry academia collaboration program to align the competencies of engineering students to suit the industry needs. It shares with academia its mature technology training methods, courseware, sample student projects and other such learning resources. Campus Connect offers two different courses to the students namely Foundation Program and Soft Skills.

Foundation Program is the core of the Campus Connect program that provides a unique set of teaching aids and consolidated material to get them industry ready.

The purpose of Soft Skills Program is to bridge the gap in the areas of communication, team work and corporate work culture.

Highlights of the program:
> Road Shows - to outline program benefits
> Faculty Enablement Program (FEP) - exposure to professional training of Infosys.
> Student Project Bank - to make available simple software project definitions.
> Industrial Visits - to demystify the corporate environment, work culture etc.

NSS Unit in Aditya

AITAM started an NSS unit with affiliation to JNTU-Kakinada. This unit was established with an objective to cultivate the attitude of social service in minds of students and to make them into responsible citizens. NSS unit conducts field trips and social camps to nearby villages. In those camps, volunteers come to know about the ground realities of the society. They do survey programs and submit the same to the university. Our unit extends its helping hand by organizing blood donation camps, literacy camps and free medical check-up camps. It also observes different days like Independence Day, AIDS day, etc throughout the academic year.

Blood donation camps

The college has received a gold medal award from the Governor of Andhra Pradesh for collecting highest number of units of blood in its blood camps. Students generously donate blood in these blood donation camps conducted at regular intervals in the college.

Village adaptation

The village Ravivalasa about 8 KM from the institution has been adopted by the NSS unit of the college and many welfare activities for the benefit of the village and its surroundings are being planned and executed by them.
It waves its branches to the students who have breathed its air conveying that the time has come to inaugurate alumni cell with its old golden students as members. The undersigned members of AITAM requests all the pass out students to visit alumni homepage of AITAM to get information related to AITAM alumni cell.

Our students selected for 5th & 6th Nobel Laureates Interaction program conducted by IIIT-Allahabad.

29 students qualified in GATE, a few qualified in MAT & GRE during 2012-13 and several joined in M.Tech & Ph.D in prestigious educational institutions.

D.Yugandhar
Coordinator
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92466 31433
IIPC
Industry-Institute Partnership Cell

Activities:
> Arranging industrial visits/ Training to students
> Mediating for Laboratory Testing Facilities
> Providing professional consultancy
> Exchange of views with Industrial Experts
> Organizing Industrial Exhibitions
> Conducting Seminars, Workshops, Continuing education programs etc.
> Technology Appreciation programs
> Internships

AITAM-IIPC is continuously organizing a good number of Guest Lectures, Workshops, Seminars, Industrial tours and Internships for students to make aware and upgrade the knowledge of new trends in the market to reach the expectations of industries for a better success.

AITAM-IIPC has collaborations with following corporate giants for a better exchange of ideas, skills, technical support and R&D for the development of both Industry and Institute.

1. INFOSYS Campus Connect
2. WIPRO Mission 10x
3. MICROSOFT I-SPARK Centre
4. IBM TGMC
5. A-VIEW Centre
6. IIIT CIT Program

CONTACT: B. RAJESH
Coordinator
Industry Institute Partnership Cell
94907 79888, Email:prof.rajeshb@gmail.com
A dedicated Career Guidance Cell is established to guide the students to prospective careers. This cell is to collect the career options from the students, create Awareness and importance of higher studies in India & Abroad by conducting coaching classes on CAT, TOEFL, GATE, GRE etc. The Main function of the CGC to encourage the young professionals for achieving the dreams of higher education.

The cell functions like a bridge between the institution and industry. It holds career-oriented lectures by senior managers and successful consultants. It also arranges for companies to facilitating pre-placement talks, written tests, group discussions and interviews & Mock Tests for GATE & CAT. The Cell acts as a liaison between the students of our college and the Foreign Universities to assist them in admission procedure and all other related Informational aspects so as to make their further study.

OBJECTIVES OF THE CGC:

- Employment opportunities and career paths are affected the changes in the economy and political shifts within society. CGC believes that opportunities may change with the time by Giving In Time Information about Current Competitive Examinations.
- To provide the students better option to go for further studies. A specialization will always earn, the student more salary as well as priority during interviews and of course sound grip over subject than getting some job.
- To adopt suitable strategies for supporting a common student can log on, Anywhere with cheaper in cost & Possible for Self tests with the help of Our Web Based coaching.
- To Develop Awareness, Information & Importance of Higher Studies In time to the Student to make the Rural student to achieve success by caching the Best opportunities Foreign Studies.

FUNCTIONS OF CGC:

- To conduct a survey among students on their career options.
- To organise programmes to create awareness about the importance of higher studies in India and Abroad.
- To organize diagnostic tests for the competitive exams such as GATE, CAT, GRE, GMAT and to counsel them for higher studies.
- To organize coaching classes on GATE, CAT, TOEFL, GRE etc. towards higher studies.
- To provide available updated information about jobs/positions/opportunities.
- To conduct career development seminars and workshops To provide necessary literature/brochure/information.
- To mobilize resources for needy students to apply for jobs.
- To organize lectures on career development by subject experts.

NAME OF THE ACTIVITY

1. Course information with regard to central govt. / state sponsored diploma courses
2. Information related to scholarships, jobs, paper presentations, and seminars
3. Enriched library by procuring books for various competitive examinations. (300 books + 70 xerox material)
4. Gate coaching by experts
5. Career counseling sessions to ii/iv & iii/iv b.tech. Students
6. Interaction with a team of professors from University of California, DAVIS, U.S.A. Mr. Tracy Hsiem, Sri. Nataliya Anzela D. & Mr. Gunda Shiva, U.S.A

All faculty members, students of electronics & mechanical departments.
The Entrepreneurship Development Centre (EDC) is initiated by AITAM in 2007 and being funded by AICTE, New Delhi to develop institutional mechanism to create entrepreneurial culture in our academic institutions to foster Techno Entrepreneurship for generation of wealth and employment by Science, Technology and Management students.

The centre actively promotes entrepreneurial thinking among women, youth and students. EDC supports entrepreneurs, students, raises public awareness about the vital role of the entrepreneur in the economy and makes academic contributions for progress of the state and country.

**OBJECTIVE OF EDC**

> To promote entrepreneurship at the grass root level in the District
> To develop conducive environment to encourage innovation among all entrepreneurs for promotion of MSMEs
> To gain inside into the relationship between innovation, entrepreneurship and globalization
> To adopt suitable strategies for supporting innovation and entrepreneurship

**FUNCTIONS**

> To organize Entrepreneurship Awareness camp, Entrepreneurship Development programs and Faculty Development Programs in region for the benefit of Science, Technology and Management students
> To develop and introduce curriculum on entrepreneurship development at various levels
> To conduct research work and survey for identifying entrepreneurial opportunities
> To arrange visits to industries for prospective entrepreneurs
> To extend necessary guidance and escort services to the trainees in obtaining approval and execution of their projects
> To act as a regional information centre on business opportunities, processes, technologies, market, etc by creating and maintaining relevant databases.

Reach @
Prof D.Vishnu Murty
Cell: 9949688627
Email:vishnudevi33@gmail.com

**Programs Organized 2013 - 14**

<table>
<thead>
<tr>
<th>S. No</th>
<th>Name of the Programme</th>
<th>No. of Days</th>
<th>Date From</th>
<th>Date To</th>
<th>No. of Participants</th>
<th>Organized by</th>
<th>Sponsored by</th>
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<tr>
<td>1.</td>
<td>TOT Follow up</td>
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<td>-</td>
<td>30</td>
<td>ED Cell, AITAM, Tekkali</td>
<td>MSME-DI, Hyderabad &amp; SURE</td>
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<td>Entrepreneurship Awareness Camp</td>
<td>1</td>
<td>15.02.2013</td>
<td>-</td>
<td>100</td>
<td>ED Cell, AITAM, Tekkali</td>
<td>EDC, AITAM</td>
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<td>Investor Awareness Program</td>
<td>1</td>
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<td>EDC, Aitam</td>
<td>FAPCCI, ICSI &amp; Govt. of India</td>
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<td>5.</td>
<td>Dream in Next Generation</td>
<td>1</td>
<td>22.01.2014</td>
<td>-</td>
<td>12</td>
<td>MVGRCE Vizianagaram</td>
<td>Dream in Social Net works. Pvt.Ltd Bangalore</td>
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</table>
TPD
Training & Placement Division

CAREER ARENA 2K13

"CAREER ARENA 2k13" in association with "TECH MAHINDRA", is designed specifically to explore issues essential to organizational effectiveness in order to compete on a global scale. This summit will highlight the current challenges, opportunities, technologies, strategies & future trends through visionary keynote presentations and panel discussions by most esteemed peers and thought leaders to enhance departmental efficiencies and drive corporate growth.

TPD prepares our students to make informed decisions about their future by providing relevant resources, programs on personality development, internships and facilitating with employment opportunities.

TPD encourages students to pursue all of their goals with dedication and ambition in whatever field they choose for making substantive contributions to society.

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AITAM has an independent Training & Placement Division, with the acronym TPD, committed to provide all possible assistance to its students and also to meet the needs of organizations. It ensures the students to secure placements and also provides arrangements for company visits. The cell coordinates various activities and provides necessary training to impart employability skills to its students. TPD strives with a prime objective of not only providing career opportunities in reputed corporates but also making the students feel comfortable to face several competitive examinations boldly and competently.

To accomplish this objective of TPD, it has identified corporates in various sectors and initiated the process of building a mutually rewarding relationship with them through MoUs. It has an exclusive set up with a built up area of 17,000 sqft and is furnished with all the state of the art facilities like 30 seat conference hall, 250 seat a/c seminar hall, LCD projector, PA system and an office which is equipped with laptops, desktops, laser printers, handy cam, digital camera, air conditioners, 2 exclusive rooms for group discussion, 4 exclusive interview rooms.

The curriculum designed by the faculty members of TPD caters to meet the requirements of the students with different aspirations. TPD starts its initiative from the first year onwards to train the students to make them ready for corporate environment. TPD designs its curriculum in such a way that during the entire first year the students are imparted necessary language skills so that they may be able to cope with the training program which they undergo in the coming years.

During the training program in second year and third year, the corporate curriculum of TPD is divided into two parts namely GE (General English) and GA (General Aptitude) which are again divided into different modules covered by different trainers to ensure the comprehensive coverage of the whole syllabus. Special emphasis is laid on soft skills for final year students to prepare them to face GDs and interviews successfully.
LEADERSHIP is a program which is developed for the students in the view of enhancing various innate skills which are highly needed beyond academics. This program came to an implementation with a laudable vision, "TO PRODUCE EFFICIENT LEADERS WITH THE REQUISITE SKILLS WHO CAN MAKE A SIGNIFICANT CONTRIBUTION TO THE SOCIETY THROUGH THE APPLICATION OF THEIR KNOWLEDGE IN DIFFERENT DOMAINS". This program acts as bridge between the institution and industry i.e. it emphasizes on enhancing the employability skills at institution. It comprises of emphasizing on both the technical and non-technical stuff so that the student will be a multi-talented. Besides being multi-talented one should have expertise in any one field of choice to get sustained in this competitive world. It's hoped that this type of engrossing foundations can bring a revolutionary steps in present educational systems through which the success will be at peaks.

This foundation incorporates nine different clubs viz, Events club, Web apps club, Media Club, Cultural Club, Eco Club, Robotics Club, Incubation Club and Social Club among which the students can be a part of them according to their areas of interests.

Events Club: The students learn effectively by playing or participating in events rather than studying calmly. So this club provides a platform of numerous events to learn and to get improved in Co-curricular and Extra-curricular activities.

Web Apps Club: It incorporates the web-designing, web-applications, coding, hacking, networking, workshops on coding, developing apps and Android apps etc. So this club makes the students good at the software coding which can take the students to an apex point in the software industry.

Sports Club: This club deals with games and sports through which the student will be physically and mentally fit. Through these not only fitness but also teamwork and sportive spirit can be improved in the students. Different tournaments and competitions have been conducted by this club.

Media Club: This club stretches its hand to the student to think out of box in extracting different ideas in them in regarding photography, movie making, editing, album making. This Club has been launching many short films which are message oriented, inculcating moral/ethical values, inspirational to watch.

Cultural Club: This club includes music (Rock Band), singers, Dancers, Actors and writers. The cultural club ensures that it has enough avenues to encourage the beginners and the rest too. Students practice their dance and singing and such activities with their groups after the college hours.

Eco Club: In this rapid improving world pollution is also being increased besides technology. As we feel that it's our bounded responsibility to protect our world this club was included. The main aim of the eco club is to develop green consciousness and promote awareness and social responsibility among our students. Through this club we aim to promote recycling, composting, organic gardening and efficient use of land.

Robotics Club: This club comprises of the projects in Robotics. This club is involved in various initiatives in the field of robotics throughout the year. And this club has been acting a vital role in R&D dept. of AITAM with its numerous innovative projects.

Incubation Club: This club mainly incorporates the projects, which makes the people more comfortable and more luxurious means the projects which can be more useful in domestic, social and industrial areas, where automation can be done will be performed and made by this club.

Social Club: As human beings we feel that it's our bounded responsibility to have social responsibility so that the individual and social improvement can be achieved in all aspects. As part of that in association with Shekhar Kammula, a revered film director the Social club has been doing an activity 'I Care, I React' protesting the attacks on women.
Sports & Games

Talent wins games, but TEAMWORK and... INTELLIGENCE win championships

Achievements

JNTU Kakinada conducted Weight Lifting, Power Lifting, & Best Physique Championships Selection Trials Event on 2nd & 3rd January-2012 in AITAM.

JNTU Kakinada conducted Selection Trials for Valley Ball event conducted on 2nd & 3rd December-2012 in AITAM.

Intra Murals for Students and Faculty All sports and games for both Gender Indoor and Outdoor events conducted on 13th to 28th February - 2013.

Student Achievements

1. L.Abhilash of CSE Department participated in weight lifting held at university of Amruthsar
2. J.Gopal Rao of CSE Department participated in weight lifting held at university of Amruthsar
3. Y.Jeevan Rao of EIE Department participated in Handball held at Kakatiya University of Warangal
4. S.Somesh Kumar of Mechanical Department Participated in Handball held at Kakatiya University of Warangal
5. N.Govinda Rao of EEE Department Participated in Volleyball held at SRMT University of Chennai
6. A.Vijay Kumar of CSE Department Participated in Foot ball held at University of Kerala.
7. Balamurali Krishna of CSE Department Participated in Ball Badminton held at Manguluru Univesity.
8. 16 Members of AITAM cricket team Runner in the tournament for
   EENADU-KL University Cricket Tournament in District level
9. S.Somesh Kumar of Mechanical Department Participated in Handball held at Periyar University, Salem, Tamil Nadu.

AITAM conducts several games and sports to all the students and faculty members in connection with the college annual day / sports day celebrations every year. Everyone participates in all the sports and games events with great enthusiasm. The college is furnished with new cricket ground, net practice facility, an ultra modern gym, a basket ball court, a lawn tennis court, a volley ball court and a foot ball ground. The provision of all these sports facility is the main reason why the students are very energetic to participate in sports and games activities.
Guest Testimonials

“Great infrastructure. The team is really helpful and highly motivated, great hospitality. I wish all the success to the team in future.

Ajith Kumar, Senior HR Manager, TCS

Real pleasure being here. Quite impressed with the facilities put up and future plans. All the very best to the faculty and students.

K. K. Misra, E.D., Andhra Bank

Excellent infrastructure. Good opportunity to the students to learn. It was a great experience to interact with good group of students. It will be good to have industry interaction to the students, which makes them industry ready.

M Koteswara Rao, IBM

Excellent initiative. I appreciate very much about the care and concern of the management. The entire of AITAM exhibited a wonderful hospitality.

Prof. Sandhya Kode, IIIT, Hyderabad

It was a nice session. AITAM bridges the gap between industry and academics.

V R Sunil Kumar, M.D, RAMTECH MFG INDUSTRIES

I am very much impressive with the infrastructure, faculty and other facilities. I am very glad to see such a good educational institute in the rural area

Veera Raju, Senior Projectmanager, Tech Mahendra

I complement the college students, faculty, staff and management for achieving NBA, NAAC, UGC autonomy and DST projects. There is lot of potential to grow vertically in both academics and research and make this institution a unique one. I wish all the best.

G. Tulasiram Das, Vice Chancellor, JNTUK
We found this college quite appealing and encouraging for students. No bias feeling for anyone who come from outside. Inspite we get homely environment from the college and full support is given by the institution for their betterment.

Our college has a good infrastructure and we have placement classes which is good facility provided to the students and we have tutorial classes given which is used to clarify the doubts.
### AITAM @ A GLANCE

**Facilities at AITAM include:**
- State-of-art facilities include: Digital Library, Video Conferencing & Auditorium
- State-of-art laboratories equipped with the latest and modern equipment
- 32 Mbps highspeed internet bandwidth throughout the campus with Wi-Fi connectivity
- Excellent separate A/C hostels for boys and girls inside the campus with attached toilets.
- On campus amenities such as post office, Bank and ATM.
- Outdoor and indoor sports facilities - Basketball court, Cricket ground, Football ground, Shuttle courts, Gym.
- 24x7 medical facility available within the campus.

**Academic Highlights:**
- 3 University Gold Medals. AITAM also bagged 55 top ranks among the top 100 department-wise ranks of JNTU-K.
- Every department has doctorates.
- Excellent faculty resources with the knowledge and willingness to assist students
- Faculty-student ratio is 1:14
- Placement training from 1st year onwards
- JNTUK Research center
- Remedial classes for slow learners
- Web-based teacher interaction
- Access to lab facility & faculty and admin available beyond working hours
- Silent hours in Hostels with residential mentors.

**Some of AITAM Accreditations & Certifications**

- Accredited by NBA of AICTE, New Delhi
- Accredited by NAAC of UGC, New Delhi
- Permanent Affiliation from JNTU-K
- TEQIP participating institution
- Recognized u/s 2(f) & 12(b) by UGC
- Sanctioned by AICTE for the admissions of International Students (PIO)
- AITAM is ranked AA+ by ‘Careers 360’ magazine.
- CSR (Competition Success Review) ranked AITAM as 15th top emerging engineering colleges of excellence.
- Stood top in GHRDC survey.

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AITAM

Wisdom is knowing the right path to take.
Integrity is taking it.

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ADITYA INSTITUTE OF TECHNOLOGY AND MANAGEMENT
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