

# ADITYA INSTITUTE OF TECHNOLOGY AND MANAGEMENT



## DEPARTMENT OF CIVIL ENGINEERING



### A HALF-YEARLY NEWSLETTER

**ACADEMIC YEAR: 2021-2022**

**Volume 14, Issue 1**

#### **EDITORIAL BOARD:**

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Sri.G.Gowri Sankararao, Associate Professor

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## DEPARTMENT OF CIVIL ENGINEERING

### A HALF-YEARLY NEWSLETTER

AY: 2021-22	July-December	Vol. 14	Issue - 1
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# ADITYA

Institute of Technology and Management  
(An Autonomous Institution)

Tekkali-532 201, Srikakulam Dist., AP

Tel: 0845-245666, 245266, 92466 57908

Email: [info@adityatekkali.edu.in](mailto:info@adityatekkali.edu.in)

## **CONTENTS**

1. Vision & Mission of the Institution
2. Vision & Mission of Department
3. Chairman's message
4. Secretary's message
5. Director's message
6. Principal's message
7. HOD's message
8. Faculty Publications
9. Faculty Workshops
10. Courses Certifications
11. Professional Activities

# ADITYA

## Institute of Technology and Management

### (An Autonomous Institution)

#### Department of Civil Engineering

##### **Vision and Mission of the Institute**

###### **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.

###### **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 efficiency for employability increases on a continued basis.

##### **Vision and Mission of the Department**

###### **Vision**

To become a pioneer in the field of civil engineering by providing high quality education and research to serve the public consistently with competitive spirit professional ethics.

###### **Mission**

Provide quality knowledge and advance skills to the students in order to expertise theoretically and practically in the areas of civil engineering.

Improve the professional potentiality of the students and staff through educational programs to expand the knowledge in the field of civil engineering

Inculcate healthy competitive spirit towards the higher education and successful career in the field of civil engineering to serve the nation ethically.

Provide students and faculty with opportunities to create, disseminate and apply knowledge by maintaining a state of the art research.

### **Chairman's Message**

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 pursuits. We are closely aligned with the corporate world which ensures exchange of ideas and experiences that keep our curricula focused on current developments and challenges in the field of engineering. We are firmly committed to research and consulting 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.



Dr. K. Someswara Rao  
CHAIRMAN

### **Secretary's Message**

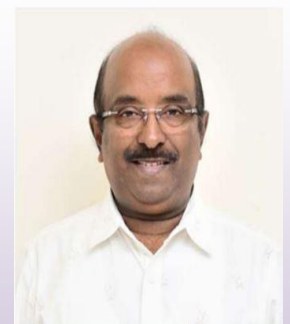
Aditya Institute of Technology and Management is founded to meet the increasing demand for competent engineering graduates. Within a short span of its inception, AITAM has grown to be a premier engineering college of its kind and has won laurels and kudos from the industry. The faculty and staff in AITAM 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.



Sri L.L. Naidu  
SECRETARY

### **Director's Message**

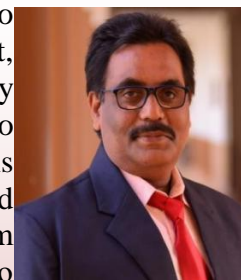
Engineering education at AITAM is indeed a rewarding intellectual experience. The Institute prepares the engineering professionals of tomorrow imbued with insight, imagination and ingenuity to flourish as successful engineers. Our programs are attuned to the needs of the changing times. The classrooms are ultra-modern; 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, Satyam, WIPRO, INFOSYS, TCS, 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.



Prof. V.V. Nageswara Rao  
DIRECTOR

### **Principal's Message**

It is only through knowledge that man attains immortality. Knowledge has to expand or grow to remain as 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 forty per cent 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.



Dr. A. S. Srinivasa Rao  
PRINCIPAL

### **HOD's Message**

Welcome to the Department of Civil Engineering at AITAM, Tekkali. Our journey started in the year 2011. Over the past 4 years we have grown our competency and expertise in core Civil Engineering curriculum and research. Vision of the department is to become a pioneer in the field of civil engineering by providing high quality education and research to serve the public consistently with competitive spirit and professional ethics.



The primary focus of our curriculum is to impart technical know-how to students, improve their problem skills combined with innovative thoughts. The department is well equipped with state of the art laboratories for academics and research purpose. With funding from Technical Education Quality Improvement Program (TEQIP) and AICTE, special purpose lab equipment and software have been procured to support the research activities. Faculty members have excellent academic credentials possessing Doctorates and experienced staff from academics, research and core industry.

Dr. P. Dinakar

HOD, CIVIL DEPARTMENT

## **FACULTY PUBLICATIONS**

1. Surapu Ramlal published a paper on “An experimental study on compressive strengths of different types of concretes by NDT” in "International Journal of Creative Research Thoughts (IJCRT)", Vol. 9, Issue 10, October 2021, pp. 874-881, ISSN: 2320-2882.
2. Dr. Varudu Sowjanya Vani published a paper on “Study on compressive strength concrete after replacing sand with granite powder” in "International Journal of Creative Research Thoughts (IJCRT)", Vol. 9, Issue 10, October 2021, pp. 850-855, ISSN: 2320-2882.
3. Velamala Divyasri published a paper on “Experimental Study on Strength of Combined Effect of Glass Powder and Glass Fibers as Partial Replacement of Fine Aggregates in Concrete”, in “International Journal of Creative Research Thoughts (IJCRT)”, Vol. 9, Issue 10, October 2021, pp. 154-163, ISSN: 2320-2882.
4. Velamala Divyasri published a paper on “Effect on strength of M40 by partial replacement of fa with steel waste & cement with fly ash” in “International Journal of Creative Research Thoughts (IJCRT)”, Vol. 9, Issue 10, October 2021, pp. 855-866, ISSN: 2320-2882.
5. G.Gowri Sankara Rao published a paper on “Experimental Study on Concrete of Grade M20 and M25 by using of Rice Husk Ash and Waste Granite Powder” in “International Journal of Creative Research Thoughts (IJCRT)”, Vol. 9, Issue 11, November 2021, pp. b12-20, ISSN: 2320-2882.
6. Marrapu, Balendra M published a paper titled as "Improvement in prediction of slope stability & relative importance factors using ANN” in “Geotechnical and geological engineering”, 39, No. 8, December 2021, ISSN: 5879-5894.

<b>Total Faculty Publications</b>	06
UGC Journals	05
Scopus	01



**FACULTY DEVELOPMENT PROGRAMME ATTENDED****External FDPs:**

<b>S. No.</b>	<b>Name of the faculty</b>	<b>Name of the Programme</b>	<b>Duration</b>	<b>Host Institution</b>
1	Dr. H. Ramamohan	“SDG 06 Clean Water and Sanitation”	28.08.2021	IGEN UN SDG Research Conclave G01
2	Dr. H. Ramamohan	Waste Management: Issues and Solutions for a Rapidly Growing Satellite City in National Capital Region, India	02.10.2021	Raghu Engineering College
3	Dr. H. Ramamohan	Short Term Training Programme through ICT Mode on Estimating and Costing of Non-conventional Energies	06 -10 <sup>th</sup> Dec. 2021	NITTR Kolkata
4	Dr. H. Ramamohan	Short Term Training Programme through ICT Mode on Laboratory Practice on Civil Engineering Materials – Concrete	13 - 17 <sup>th</sup> Dec. 2021	NITTR Kolkata
5	Dr. B. Visweswara Reddy	One Week Online Faculty Development Program on Recent Advancements in Civil Engineering- Phase-II”	12.07.2021 to 17.07.2021	GMR Institute of Technology
6	Dr. B. Visweswara Reddy	Evolution of Reinforced Concrete Design	28.08.2021	NITTR Kolkata
7	Dr. B. Visweswara Reddy	Online FDP on Building Drafting using AutoCAD	16.08.2021 to 03.09.2021	APSSDC, Govt. of AP
8	Dr. H. Ramamohan	Short Term Training Programme through ICT Mode on Laboratory Testing of Soil	20 - 24 <sup>th</sup> Dec. 2021	NITTR Kolkata

## **FACULTY NPTEL COURSES CERTIFICATIONS**

<b>S.No.</b>	<b>Course ID</b>	<b>Course Name</b>	<b>Name</b>	<b>Role</b>
1	noc21-ce48	Water Economics And Governance	P. L. Ram Kiran	Faculty
2	noc21-ce40	Design of steel structures	Krupasindhu Biswal	Faculty

## DEPARTMENT ACTIVITIES

### Events Organized By ISTE Chapter AITAM

S. No.	Event	Dates	Faculty coordinators
01	54 <sup>th</sup> Engineers Day Celebrations	15.09.2021	G. Gowri Sankara Rao

Engineer's Day celebrations in AITAM are held every year on September 15<sup>th</sup> in commemoration of the birth anniversary of Bharat Ratna Sir Mokshagundam Vishveshvarya. Various Competitions are conducted and meritorious students are awarded with prizes.



**Garlanding of Bharat Ratna Sir Mokshagundam Vishveshvarya**





**54<sup>th</sup> Engineers Day Celebrations – Students and Faculty members**



**Certificate distribution for students on the eve of 54<sup>th</sup> Engineers Day Celebrations**



**Certificate distribution for students on the eve of 54<sup>th</sup> Engineers Day Celebrations**



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