

**DEPARTMENT OF IT**

**A HALF-YEARLY NEWSLETTER**

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**ADITYA**

**Institute of Technology and Management**  
**(An autonomous institution)**

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# ADITYA

## Institute of Technology and Management

**(An autonomous institution)**

### Department of Information Technology

#### **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**

Create high-quality engineering professionals through research, innovation and teamwork for Information Technology services with outstanding faculty, facilities and education.

##### **Mission**

**M1:** Information Technology program dictates itself to provide students with a set of skills, knowledge and attitude that will permit its graduates to succeed and thrive information technologists.

**M2:** Enhance overall personality development which includes innovative thinking, Teamwork, entrepreneurs skills, communications skills, employability skills and ethical conduct.

**M3:** Ensuring effective teaching–learning process to provide in-depth knowledge of Inter disciplinary areas.

**M4:** Providing industry interaction through consultancy and sponsored research for the societal needs.

### **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**

Information Technology is a professional engineering discipline that deals with Application of computers to store, retrieve, transmit and manipulate data. Our department has a team of qualified and experienced faculty and staff members and we are motivated both faculty and students continuously to improve the quality of education and to maintain its position of leadership in engineering and technology. The department guides the students to develop their technical skills and motivate them to learn in research methodology. Our department has been conducting National workshops and organizing seminars since its beginning to keep the faculty and students with the latest developments in the field of technical education. Our department faculties are actively published in reputed international and national journals and actively participated in various international and national conferences to publish papers.



Dr. Y. Ramesh  
HOD of IT Department

## Faculty publications

1. Dr B.Ramesh Naidu, Professor, published a paper titled “**A Complete Prototype Of Tri-Modal Biometric Authentication System** ” in Journal of Clinical Otorhinolaryngology, Head, and Neck Surgery in January 2023(2230-5807).
2. Dr Y.Ramesh, Professor, published a paper titled “**A Complete Prototype Of Tri-Modal Biometric Authentication System** ” in Journal of Clinical Otorhinolaryngology, Head, and Neck Surgery in January 2023(2230-5807).
3. G.V.L.Narayana, Assistant Professor, published a paper titled “**Hostel Out-Pass Implementation Using Multi Factor Authentication**” in Innovations in Bio-Inspired Computing and Applications in March 2023.
4. Dr.T Naresh, Assistant Professor, published a paper titled “**Hostel Out-Pass Implementation Using Multi Factor Authentication**” in Innovations in Bio-Inspired Computing and Applications in March 2023.
5. Dr.K.Kavitha, Assistant Professor, published a paper titled “**Hostel Out-Pass Implementation Using Multi Factor Authentication**” in Innovations in Bio-Inspired Computing and Applications in March 2023.
6. Dr.B.V.Ramana,Professor, published a paper titled “**Performance Metrics Assessment in Sentimental Analysis over Machine Learning Approaches**” in IEEE International Conference on Contemporary Computing and Communications (InC4) in April 2023.

**FACULTY DEVELOPMENT PROGRAMME/WORKSHOPS ATTENDED**

S. No.	Name of The Faculty	Name of The Programme	Dates	Venue
1	Swapna Rekha Hanumanthu	10-day Online FDP on “Real Applications of AI , ML and Data Science”	07-04-2023 to 16-04-2023	JIS University, Kalcut
2	Swapna Rekha Hanumanthu	FDP on Planning, Execution and Evaluation of Project Work	20-02-2023 to 24-02-2023	NITTTR, Chandigarh
3	Dr.G.Nageswara Rao	FDP on Planning, Execution and Evaluation of Project Work	20-02-2023 to 24-02-2023	NITTTR, Chandigarh
4	Dr.Naresh Tangudu	Devops Engineering	02-04-2023	PHN Tech
5	Dr.Naresh Tangudu	Block Chain Technology and Applications	02/01/2023 to 06/01/2023	Anurag Engg.College,Hyd.
6	Dr.Naresh Tangudu	Wipro Certified Faculty	30/01/2023	Wipro
7	Dr.Naresh Tangudu	Faculty Development Program	21/01/2023 to 22/01/2023	PHN Tech
8	V Ashok Gajapathi Raju	Online Learning and Online Evaluation	20/03/2023 to 24/03/2023	NITTTR, Chandigarh
9		Designing and Modelling of IoT,AI & ML Systems	01/08/2022 to 05/08/2022	ATAL
10	Dr.Naresh Tangudu	National Educational Policy 2020:Challenges and Prospects	09/12/2022 to 10/12/2022	AITAM, Tekkali

## STUDENT ACHIEVEMENTS

S. No .	Regd. No	Name of The Student	Course Name	NPTEL Certificate Type
1	20A51A1245	Potnuru Satish	Programming, Data Structures And Algorithms Using Python	Successfully completed
2	21A51A1221	Durga Pavan Seerapu	Programming, Data Structures And Algorithms Using Python	Elite
3	22A51A12B4	Umadevi	Problem Solving Through Programming In C	Successfully completed
4	20A51A1281	Gollangi Dakshayani	Introduction to Machine Learning	Successfully completed
5	20A51A1231	Kothakota Priyanka	Introduction to Machine Learning	Successfully completed
6	20A51A1270	Baratam Pravallika	Introduction to Database Systems	Successfully completed
7	21A51A1255	S Saisumanasree	The Joy of Computing using Python	Successfully completed
8	21A51A1285	Guruvu Hari	Programming In Java	Successfully completed
9	20A51A12B4	Sasapu Nandu	Deep Learning	Successfully completed
10	20A51A12B2	Sanapathi Balamani	Cloud Computing	Successfully completed
11	20A51A1295	Kunchala Keerthi	Data Analytics with Python	Successfully completed
12	20A51A1278	Ganti Nagalakshmi Bhavani	Data Analytics with Python	Successfully completed
13	20A51A12A3	Navya Yenninti	Data Analytics with Python	Successfully completed
14	20A51A1265	Addanki Sruthi	Data Analytics with Python	Successfully completed
15	20A51A1246	Prasad Puthakayala	Data Analytics with Python	Successfully completed
16	20A51A1239	Patta Sowmya	Data Analytics with Python	Successfully completed

<b>17</b>	20A51A1258	Thangudu Syamgopal	Data Analytics with Python	Successfully completed
<b>18</b>	20A51A12C3	Waddi Poojitha	Data Analytics with Python	Successfully completed
<b>19</b>	20A51A1273	Boyina Rahul	Data Analytics with Python	Successfully completed
<b>20</b>	20A51A1292	Korada Mahendra	Data Analytics with Python	Successfully completed
<b>21</b>	20A51A1251	Sunkari Mayuri	Data Analytics with Python	Successfully completed
<b>22</b>	20A51A1208	Balli Karishma	Data Analytics with Python	Successfully completed
<b>23</b>	20A51A1288	Kavya Metturu	Data Analytics with Python	Successfully completed
<b>24</b>	22A51A12C3	S Navya Sri	Problem Solving Through Programming In C	Successfully completed
<b>25</b>	22A51A12I1	Potnuru Saikiran	Problem Solving Through Programming In C	Successfully completed

## PLACEMENTS

<b>S. No</b>	<b>Roll No</b>	<b>Student Name</b>	<b>Year of Passing</b>	<b>Name of Employer</b>
1	19A51A1201	SAI HARSHA VARDHAN	2023	KROLL
2	19A51A1204	BETANAPALLI GAYATRI	2023	HEXAWARE
3	19A51A1206	RAMESH KUMAR BOTSA	2023	HEXAWARE
4	19A51A1208	PRIYANKA BUGATA	2023	HEXAWARE
5	19A51A1209	HIMACHARAN DANDUPATI	2023	HEXAWARE
6	19A51A1210	DOKI SAI GOWTHAM	2023	HEXAWARE
7	19A51A1212	HARSHINI EPPILI	2023	TCS
8	19A51A1215	GUDISA MOUNIKA	2023	AIOEAM CORPGLOBAL PVT LTD



9	19A51A1217	USHA JAGU	2023	L-CUBE INNOVATIVE SOLUTIONS PVT
10	19A51A1219	KARRI VINODH KUMAR	2023	L-CUBE INNOVATIVE SOLUTIONS PVT
11	19A51A1220	KILLAMSETTI SRUTHI	2023	HEXAWARE
12	19A51A1221	KINTALI TEJA	2023	TCS
13	19A51A1223	KOILAPU BALAMANIKANTA	2023	SONATA SOFTWARE
14	19A51A1225	RAJ GANESH LOPINTI	2023	HEXAWARE
15	19A51A1227	MANDAVAKURITI YASASWINI	2023	HEXAWARE
16	19A51A1231	MOYYE JANARDHANA RAO	2023	TCS
17	19A51A1232	MUDDAPU YASHWANT	2023	HEXAWARE
18	19A51A1237	RAMYA NUKA	2023	INTERNSHIP- ZEMOSO LABS
19	19A51A1238	PALATERU AKASH	2023	AIOEAM CORPGLOBAL PVT LTD
20	19A51A1239	PANDAVA SANDHYA	2023	TCS
21	19A51A1240	SRUTHI PANDI	2023	HEXAWARE
22	19A51A1242	DIVYA PODILAPU	2023	HEXAWARE
23	19A51A1246	REJETI PRATYUSHA	2023	TCS
24	19A51A1248	SANA.SHARANYA	2023	HEXAWARE
25	19A51A1249	SARMISTA NAYAK	2023	INFOR

26	19A51A1250	YASHWANTH KUMAR SIGURUVALASA	2023	HEXAWARE
27	19A51A1252	TALASU ANAND GUPTA	2023	HEXAWARE
28	19A51A1253	TANGUDU BHUMIKA	2023	CADSYS (INDIA) LTD
29	19A51A1255	TELUGU VIJAY	2023	CADSYS (INDIA) LTD
30	19A51A1256	LIKHITHA VADDI	2023	AIOEAM CORPGLOBAL PVT LTD
31	19A51A1257	ANUSHA VARANASI	2023	HEXAWARE
32	19A51A1258	MADHAVI VARANASI	2023	HEXAWARE
33	19A51A1259	VISHNU HRUTHIKA VUPPALA	2023	L-CUBE INNOVATIVE SOLUTIONS PVT
34	19A51A1261	REETIKA SAI YERUKOLA	2023	HEXAWARE
35	19A51A1263	LAKSHMI SRAVANI KASAM	2023	TCS

## List of NSS Activities for A.Y.2022-2023

### Programme:01

Activity Name: NSS day celebrations

Date: 24/09/2022

Chief Guest: Prof.A.S. Srinivasa Rao, Principal,AITAM, Tekkali

Brief report:

NSS foundation day was celebrated with 200 NSS volunteers from our college. The directions of upcoming events and orientation of NSS were given by the NSS P.O to the students. On this day all the NSS volunteers shared their great experiences of NSS activities. The chief guest delivered his speech about NSS participation. Conducted various competitions and distributed prizes to winners. On this occasion, Director Prof. V.V.Nageswararao, Principal A.S.Srinivasa rao, Dean Dr.D.Vishnu Murthy,NSS PO Dr. B. Balaram , faculty member Sri.Y. Narasimhamurthy and NSS volunteers participated in this program.

No of students attended:200

No of Faculties attended: 05



### Programme:02

Activity Name: Swatcha Bharat Programme

Date: 27/09/2022

Brief Report:

Swatcha Bharat Programme organized by AITAM NSS UNIT in association with Swatcha Bharat and Jal Jeevan Mission , K.Kotturu on 27-09-2022(Tuesday) at K.Kottutu village from 2:30 to 4:00pm. B.Tech Second year CSE and IT students along with NSS volunteers participated actively in a rally with slogans of Complete ban of single use plastic. Village sarpanch Sri. Morri Sankara Rao, VRO Sri.Metta Janak Mohan, Sachivalayam staff Puja , Ammaji rao , AITAM NSS PO Dr. B. Balaram , faculty members Sri.Y. Narasimhamurthy participated.

No.of Students participated: 60

No.of Faculties participated:03





### Programme :03

Activity Name: Clean India Campaign 2.0

Date:19/10/2022

#### Brief Report:

Under Clean India Campaign 2.0 AITAMNSS Unit organized Clean and Green Programme in association with NEHRUYUVAKENDRASANGHATAN, Srikakulam on 19-10-2022 at College campus from 2:00 to 4:00 pm. B.Tech Second year EEE, CSE , AIML and IT students participated actively along with NSS volunteers. Director Prof. V.V.Nageswara Rao, Director R&D Prof. K.B.Madhu sahu, Principal Prof. A.S. Srinivasa rao, Dean Prof. D.Vishnu Murthy, NSS PO, HOD's of CSE, IT and other faculty members, students, NSS volunteers participated.

No. of Students participated: 500

No. of Faculties participated: 20



## Programme: 04

**Activity Name :** National Unity Day

**Date:** 31/10/2022

### Brief Report:

On the occasion of National unity day, it is our solemn duty to remember the important contributions of Sardar Vallabhabhai Patel-the architect of unification, who played a leading role in India's freedom struggle, guiding its integration into a united, independent nation. We citizens of India, should learn how to grow from strength to strength and stay united. AITAM NSS unit organized various programs like digital exhibition of Sardar Vallabhabhai Patel, unity run, Slogans and oath on 31-10-2022 on the occasion of birth anniversary of Sardar Ji at College campus from 2:00 to 4:00pm. B.Tech Second year CSE, EEE, AIML and IT students participated actively along with NSS volunteers. Principal Prof. A.S. Srinivasa Rao, Dean Prof. D. Vishnu Murthy, HOD's of CSE and IT and other faculty members, students, NSS volunteers participated.

No. of Students participated: 300

No. of Faculties participated: 10



## Programme: 05



**Activity Name:** One-week Yoga Camp

**Date:** 07-11-2022 to 12-11-2022

**Venue:** F-Block Yoga Centre

**Chief Guest :** Yoga Guru Sri. Gedela Chandrasekhar Reddy

### Brief Report:

AITAM NSS unit organized one week yoga camp practice sessions for B.Tech Second year IT and AIML students. Yoga Guru Sri. Gedela Chandrasekhar Reddy garu from Tekkali explained the importance and the need for yoga in today's world. He stressed not only the health benefits of yoga but also on how it can contribute to the well-being of the humanity. The yoga sessions began with a small prayer followed by warm up practices. Surya Namaskar was performed along with other asanas, including standing , sitting, prone and spine postures. The camp concluded with a short prayer.

On the opening day Principal Prof. A.S. Srinivasa rao, Yoga Guru Sri.Gedela Chandrasekhar Reddy garu, NSS PO Dr. B. Balaram , faculty member Sri.Y. Narasimha Murthy and students participated in this program.

No. of Students participated: 200

No. of Faculties participated: 04



## **Editorial Board**

### **STAFF**

G.V.L. Narayana, Asst.Prof

### **STUDENTS**

P Kali Prasad, 17A51A1209

V.Dhanush, 18A51A1248

T. AnandGuptha, 19A51A1252



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