

DEPARTMENT OF IT

A HALF-YEARLY NEWSLETTER

AY: 2021-22	Jan-June	Vol. 15	Issue –II
-------------	----------	---------	-----------



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

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. Swapna Rekha. H, Assistant Professor, published a paper titled “**Multiplicative Holts Winter Model for Trend Analysis and Forecasting of COVID-19 Spread in India**” SN Computer Science(ISSN:2661-8907).
2. Dr Y.Ramesh , Professor, published a paper titled “**Internet of Things based Automated Agricultural Irrigation Control System**”in IEEE COMSOC MMTC Communications – Frontiers in March 2022
3. P.B.Dash, Assistant Professor, published a paper titled “**Socio-economic factor analysis for sustainable and smart precision agriculture: An ensemble learning approach**” Computer Communications, 182, 72-87.
4. K. Kavitha,assistant professor, , published a paper titled “An Intelligent Metaheuristic Optimization with Deep Convolutional Recurrent Neural Network Enabled Sarcasm Detection and Classification Model” in International Journal of Advanced Computer Science and Applications (IJACSA) in january 2022.
5. P.B.Dash, Assistant Professor, published a paper titled “**Deep Learning-Based Trend Analysis on Indian Stock Market in COVID-19 Pandemic Scenario and Forecasting Future Financial Drift**” in Future Financial Drift. J. Inst. Eng. India Ser. B (2022

FACULTY DEVELOPMENT PROGRAMME/WORKSHOPS ATTENDED

S. No .	Name of The Faculty	Name of The Programme	Dates	Venue
	P.B. Dash	one-week national level workshop on “python programming”	20 th to 26 th June , 2022	organized by department of computer science, MSCB university , Baripada ,Odisha
1	Dr.G.Nageswara Rao	FDP on Data Science and its applications	9th-18th May,2022	Sponsored by Meity GoI organized by E&ICT Academy,NIT Warngal and GITAM,Visakhapatnam
2	P.B.Dash	One Week Online Faculty Development Program on “ Soft Computing Techniques and Hands on with MATLAB	9/5/2022 to 13/05/2022	
3	Dr. Y Ramesh	One Week Online Faculty Development Program on “ Soft Computing Techniques and Hands on with MATLAB	9/5/2022 to 13/5/2022	
4	Dr. Y Ramesh	Enhancing Quality by Unearthing Innovative Practices - EQUIP	18/4/2022 to 24/4/2022	
5	P.B.Dash	Research Applications in Machine learning-2022	28/3/2022 to 1/4/2022	
6	Dr.G.Nageswara Rao	ISTE Annual and awards function.	12 th March, 2022	SVCE,Tirupathi.
7	SMITA RANI SAHU	One Week FDP on SCILAB and XCOS – FOSS Alternatives for MATLAB and SIMULINK	7 FEB 2022-11 FEB2022	
8	SMITA RANI SAHU	One Week WDP on Impact of COVID-19 on Women	1 FEB 2022-5 FEB 2022	
9	SMITA RANI SAHU	One Day Webinar on Ethics and Values to be followed in Cross-Cultural Work Place	29 th Jan-22	
10	H.Swapna Rekha	One day Webinar on " Ethics and Values to be followed in Cross-Cultural Work Place"	29 th Jan-22	

11	Dr.G.Nageswara Rao	AICTE Incorporating Universal Human Values in Education organized by AICTE	03-07 th Jan 2022	

STUDENT ACHIEVEMENTS

S. No.	Regd. No	Name of The Student	Award Name
1	20A51A1251	SUNKARI MAYURI	2 nd prize in Techno Quiz Competition by ISTE Student Chapter
2	20A51A1251	SUNKARI MAYURI	First in online quiz on Python and C programming by National level Technical E-Contest PYC
3	19A51A1225	A REVANTH	3 rd prize in 70 kg Weight Lifting in JNTUK inter collegiate by GMRIT, Rajam
4	19A51A1219	K VINODH KUMAR	1 st Prize in 102 kg Weight Lifting in JNTUK inter collegiate by GMRIT, Rajam.

PLACEMENTS

S. No.	Roll No	Student Name	Year of Passing	Name of Employer
1	18A51A1201	ARANGI PRIYANKA	2022	CAPGEMINI, HCL
2	18A51A1203	BARATAM BHAGAVAN	2022	WIPRO, INFOSYS
3	18A51A1204	BELLALA YOSHITA	2022	WIPRO
				DXC
4	18A51A1205	BHAMIDI VYSHNAVI	2022	WIPRO
5	18A51A1206	BHOGI CHANDU	2022	TCS, Infosys
				WIPRO, HCL

6	18A51A1207	BHUPATI UDAY KIRAN	2022	WIPRO
7	18A51A1208	BONGU LAKSHMI SWETHA	2022	WIPRO
8	18A51A1209	BOORA SANKAR	2022	WIPRO, Infosys
9	18A51A1210	BORRA ASHWEEJA	2022	DXC ,Wipro, Mind Tree
10	18A51A1211	BOYINA PRANAVI	2022	WIPRO,HCL
11	18A51A1212	BOYINA RAKESH KUMAR	2022	HCL
12	18A51A1213	BURI DEEPIKA	2022	WIPRO
13	18A51A1214	CHAPA BHARGAVI	2022	DXC
14	18A51A1215	DOKI PADMAVATHI	2022	WIPRO, Virtusa
15	18A51A1216	GADIDESI GIRIBABU	2022	TECH MAHINDRA
16	18A51A1218	GONAPA BHLJITH	2022	WIPRO
17	18A51A1219	GURUGU TEJESWARI	2022	WIPRO DXC
18	18A51A1220	GURUJU GOUTAMI	2022	WIPRO
19	18A51A1221	JAMI MOUNIKA	2022	HCL
20	18A51A1223	KANITHI MANEESHA	2022	WIPRO,HCL
21	18A51A1224	KARAKAVALASA SRIHARISHITARAAJ	2022	HCL, Wipro
22	18A51A1226	KONA SRAVYA SRI	2022	WIPRO

23	18A51A1227	KOTAPATI SUBBAREDDY	2022	WIPRO
24	18A51A1228	MADDU JNANA VARSHINI	2022	DXC
25	18A51A1229	MANDALA GUNAVARDHAN	2022	WIPRO
				DXC
26	18A51A1230	MICHEETI SRAVYA	2022	WIPRO
				VIRTUSA
27	18A51A1233	PANDAVA SOWJANYA	2022	WIPRO
				DXC
28	18A51A1234	POTNURU DEEPTHI	2022	TCS
29	18A51A1235	P MANOJ SHARAN	2022	INFOSYS
30	18A51A1236	PURATA RAKESH	2022	TECH MAHINDRA
31	18A51A1237	RATNALA VIKRAM CHOWDARI	2022	WIPRO,Virtusa
32	18A51A1238	SAKALABHAKTULA KRISHNA VANDANA	2022	WIPRO
				VIRTUSA
33	18A51A1239	SAMBANGI JYOTHIRMAYI	2022	WIPRO
				DXC , INFOSYS
34	18A51A1241	TADELA JYOTSNA	2022	IBM
				VIRTUSA
35	18A51A1242	TALAGAPU SWATHI SRI	2022	WIPRO
36	18A51A1243	TANGUDU SUPRIYA	2022	WIPRO
				DXC
37	18A51A1244	UJJI MONIKA	2022	TECH MAHINDRA
				HCL
				CAPGEMINI

38	18A51A1245	VADDI SRAVANI	2022	WIPRO
				HCL
39	18A51A1246	VANDANA GANATHI	2022	DXC ,WIPRO
40	18A51A1248	VOONNA DHANUSH	2022	HCL, INFOSYS, WIPRO
				TECH MAHINDRA
41	18A51A1249	VYSYARAJU BHARGAVI PRIYANKA	2022	IBM
				VIRTUSA
42	18A51A1250	PASHUPATI SHAHU TELI	2022	WIPRO
				HCL
43	18A51A1251	PEDDI CHAITANYA	2022	HCL, Infosys, Wipro
44	18A51A1252	IPPILI SAIPRAVEEN	2022	ICS
45	17A51A1219	SANAPATI POOJA RANI	2022	WIPRO

List of NSS Activities for A.Y. 2021-2022

Programme 1

Activity Name: One Month Yoga Camp

Date: from 11-04-2022 to 07-05-2022

Venue: F -Block Yoga Centre.

Chief Guest: Yoga Guru Sri. Gedela Chandrasekhar Reddy garu

Brief report:

AITAM NSS unit organized one month yoga camp practice sessions for B.Tech Second year students One week for each branch evening from 3-4 pm. . From April 11th-16th for CSE/IT/ECE students, From April 18th-23rd for Mechanical students, From April 25th-30th for EEE students and From May 02nd-07th for Civil 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 closing day Principal Prof. A.S.Srinivasa rao, Yoga Guru Sri. Gedela Chandrasekhar Reddy garu, Viswanadham garu , NSS PO Dr. B. Balaram , faculties and students participated in this program.

No of students attended: 750 No of Faculties attended: 05



Programme 2

Activity name: Awareness about covid-19

Date: 20-09-2021

Brief report:

AITAM NSS Team visited Dandugopalapuram nearby village to college and conducted Awareness to villagers and school children on COVID pandemic and to take other precautionary measures to follow.

No of students participated: 30

No of faculties attended: 02





Programme 3

Activity name: Covid-19 related painting competition on the occasion of Gandhi Jayanthi

Date: 02-10-2021

Brief Report:

AITAM NSS T eam Conducted Gandhi jayanthi on 2nd October, 2020 through online and conducted painting competitions on various themes particularly to combat carona epidemic.

No. of Student donors

participated: 40

No. of Faculties participated: 5



Editorial Board

STAFF:

V.A.G.Raju, Asst.Prof

STUDENTS:

PKaliPrasad, 17A51A1209

V.Dhanush, 18A51A1248

T. AnandGuptha, 19A51A1252



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