

Estd.1998



ANNAMACHARYA INSTITUTE OF TECHNOLOGY AND SCIENCES :: RAJAMPET

(An AUTONOMOUS Institution)

Thallapaka Panchayath, New Boyanapalli, RAJAMPET, Annamayya Dist., A.P.-516 126.

(Approved by A.I.C.T.E, New Delhi & Affiliated to Jawaharlal Nehru Technological University, Anantapur)

B.Tech: EEE, ECE & CSE courses are Accredited by NBA, New Delhi. Accredited by NAAC with 'A' Grade.

Recognized by UGC, New Delhi under section 2(f) & 12(B)

Ph. (08565) 251861 / 62 / 63, Fax (08565) 251864. E-mail: aitsap@yahoo.co.in. Web: www.aitrajampet.ac.in

Disciplines, Departments, Courses Offered, Year of Establishment and Intake

(2022-23)

Discipline	Department / Courses Offered	Year of Establishment	Present Intake (2022-23)
UG	Civil Engineering	2012	60
	Electrical & Electronics Engineering	1998	180
	Mechanical Engineering	1998	60
	Electronics & Communication Engineering	1998	240
	Computer Science and Engineering	1998	240
	Artificial Intelligence & Data Science	2020	120
	Artificial Intelligence & Machine Learning	2021	120
	Computer Science and Engineering (AI)	2022	60
	Computer Science and Engineering (DS)	2022	60
PG	Structural Engineering	2014	18
	Electrical Power Systems	2010	18
	Machine Design	2014	18
	Embedded Systems	2006	18
	Computer Science and Engineering	2006	18
	Master of Business Administration	2001	120
	MBA : Business Administration	2022	60
	Master of Computer Applications	2001	180

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Courses Offered & Admissions

Disciplines	Departments	Intake	Admissions (2022)
UG	Civil Engineering	60	6
	Electrical & Electronics Engineering	180	143
	Mechanical Engineering	60	9
	Electronics & Communication Engineering	240	199
	Computer Science and Engineering	240	253
	Artificial Intelligence & Data Science	120	105
	Artificial Intelligence & Machine Learning	120	95
	Computer Science and Engineering (AI)	60	51
	Computer Science and Engineering (DS)	60	56
PG	Structural Engineering	18	-
	Electrical Power Systems	18	-
	Machine Design	18	-
	Embedded Systems	18	-
	Computer Science and Engineering	18	-
	Master of Business Administration	180	71
	MBA: Business Administration	120	-
	Master of Computer Applications	180	180

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Fee Structure (2022-23)

Programme	Course(s)	A-Category	B-Category
UG	Civil Engineering	68,700/-	90,000
	Electrical & Electronics Engineering		90,000
	Mechanical Engineering		90,000
	Electronics & Communication Engg.		1,50,000
	Computer Science and Engineering		1,90,000
	Artificial Intelligence & Data Science		1,90,000
	Artificial Intelligence & Machine Learning		1,90,000
	Computer Science and Engineering (DS)		1,90,000
	Computer Science and Engineering (AI)		1,90,000
PG	Structural Engineering	38,000/-	75,000
	Electrical Power Systems		
	Machine Design		
	Embedded Systems		
	Computer Science and Engineering		
	Master of Business Administration	27,000/-	54,000
	Master of Business Administration (BA)		
	Master of Computer Applications		

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Curriculum

The detailed syllabus is available in our institute website. The link is provided below.

<https://www.aitsrajampet.ac.in/syllabus>

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Quality Parameters

- * Conducting Guest Lectures
- * Number of courses offering in emerging areas
- * Teacher Qualifications up-gradation
- * Faculty Development programs
- * Research Proposals / Projects
- * Paper publications by the Staff / Students
- * Paper presentations by the faculty and students
- * Grants received from various funding agencies
- * Student co-curricular and extra-curricular activities
- * Student Counseling system
- * Remedial classes
- * Student's progression to higher studies
- * Placement activities
- * Staff development programs
- * Sports and Games

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Campus Buildings





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LIBRARY

The library of the Annamacharya Institute of Technology and Sciences was established on 14.06.1998 with 2384 volumes of Text Books and Reference Books of various titles under Annamacharya Educational Trust, Rajampet.

Librarian

Sri. S. Chenna Reddy, M.A., M.L.I,Sc., B.Ed, M.Phil is heading the Library. To bring high standards to the library services, he has attended many seminars and workshops which focused on library Automation.

Vision

We impart futuristic technical education and instill high patterns of discipline through our dedicated staff who set global standards, making our students technologically superior and ethically strong who in turn shall improve the quality of life of the human race.

Collection

In accordance with the objectives of the Annamacharya Institute of Technology and Sciences the library aims to develop a comprehensive collection of documents useful for the students, faculty and Research Community of the College. The Rich collection of over a period of 24 years has some rare reference materials and several important journals. This reservoir of knowledge on a conservative estimate worth over 2.3 crore rupees. 60684 volumes and 10252 various Titles and 97 National and International Journals and 15 magazines and 6 news papers are available. The total holdings of the library accede.

Total No. of Library Books /Titles /Volumes/Journals below mentioned are available (Program Wise)

Course	Titles	Volumes	Journals	
			National	International
UG				
CE	199	2321	06	04
EEE	768	6479	03	06
ME	1174	7717	03	08
ECE	1103	7802	10	05
CSE	1351	9616	04	06
IT	762	3333	-	-
AI&DS	12	37	-	-
HSD	875	6358	07	02
PG				
CAD/CAM	102	428	-	-
DECS	129	478	-	-

VLSID	109	436	-	-
Emb.Sys.	82	275	02	01
CSE	198	905	-	04
EPS	85	491	-	04
EPE	71	473	-	-
MD	35	114	01	02
SE	38	208	02	-
MBA	1266	6395	09	02
MCA	1439	5914	06	-
GENERAL	454	904	-	-
TOTAL	10252	60684	53	44

Working Hours

8.00 a.m to 8.00 p.m on all working days

9.00 a.m to 1.00 p.m on Sundays and Public Holidays

Services

- Circulation Service
- Reference Service
- Documentation Service
- Photocopying Service
- OPAC
- Back Volumes

Staff

- 1) S. Chenna Reddy - Librarian
- 2) B. Raja Raju - Lib. Asst.
- 3) C. Ravi Prakash Reddy - Lib.Asst.
- 4) G. Subramanyam - D.E.O
- 5) T. Srinivasulu - Sub-Staff
- 6) T. Yedukondalu - Sub-Satff
- 7) B. Rama Rajesh Raju - Sub-Staff
- 8) G.Thulasi Raju - Sub-Staff
- 9) S. Kamala - Sub-Staff

Infrastructure

Carpet area of Library - 815 Sqmts
Reading Space - 300 Sqmts
Seating Capacity - 260
Number of users per day - 200

Library Automation

The library has thought of its computerization in the year 2007. from 2007 to 2009 the library has undergone several experiences with automation. However, it has tried its level best to give proper shapes to the program of computerization with the support of Inspro Plus(PALPAP Ichinchi Software Pvt. Ltd, Chennai.)

The library is a collection of books and other materials for reading. Consultation study, and research and organized to provide access to a specific clientele, with staff trained to provide service to meet the needs of its users.

Library in general has complex entities, having large collection and serving a huge clientele. To carry out various operations in library effectively there is a need for automation. Computer and communication Technologies have brought revolutionary changes in the information retrieval, processing, storage and dissemination. Library Automation not only includes computerizing the manual activities but also provides necessary hardware support for the better and faster functioning.

Book Bank(SC/ST)

We have an exclusive cell for SC and ST Students with the books supplied by Social Welfare Department, Kadapa, Govt. of Andhra Pradesh. Through this 5631(SC-5255 and ST-376) Volumes are available for lending to SC and ST Students only.

Digital Library

We have spacious Digital Library connected to The Central Library. 20 computer systems are LAN networked with 20 MBPS. Access to IEEE-ASPP, J-Gate, DELNET and NPTEL videos, e-books and e-collection through digital library. Digital Library provides thousands of e-journals and e-books on all working days for the members of the library.

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LABS



LEO ESAKI ELECTRONIC
DEVICES LAB



J.J.THOMSON BASIC
ELECTRONICS LAB



J.C.BOSE MICROWAVE &
OPTICAL COMMUNICATIONS LAB



JACOB MILLIMAN PULSE AND
DIGITAL DESIGN LAB



WILLIAM SHOCKLEY
ELECTRONIC CIRCUITS LAB



TED HOFF MICROPROCESSOR
& INTERFACING LAB



JACK KILBY IC APPLICATIONS
LAB



VIKRAM SARABHAI
COMMUNICATIONS LAB



ECE COMPUTER LAB



IoT Lab



JKC Lab



Silicon Lab



Aryabhata Lab



Bell Lab



IBM Lab



James Gosling Lab



Project and Research Lab



Neumann Lab



ELECTRICAL CIRCUITS AND
SIMULATION LAB



ELECTRICAL & ELECTRONICS
ENGINEERING LAB



ELECTRICAL MEASUREMENTS
LAB



POWER ELECTRONICS AND
SIMULATION LAB



AC MACHINES LAB



CONTROL SYSTEMS AND
SIMULATION LAB



DC MACHINES LAB

PG LABORATORIES



ELECTRICAL CIRCUITS AND
SIMULATION LAB



ELECTRICAL & ELECTRONICS
ENGINEERING LAB

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Play Grounds

Annamacharya Institute of Technology and Sciences has full pledged Physical Education Department. It conducts various sports and games by the qualified and experienced Physical Directors. The college is having Cricket, Foot Ball, Volley Ball, Tennis, Ball Badminton courses etc,. Apart from the above, the indoor games (Chess, Carroums, Table Tennis, JUDO) facilities are also provided to the students. Open Gym facility available at both the Boys and Girls Hostels in the campus. The institute if organizing JNT University inter University team selections. Encouraging the students of AITS Rajampet to participate in various sports and games competitions throughout the country.



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Hostel (Womens)

Land Location	AITS Campus
No. of Buildings	02
No. of Floors	03
Total floor area in sq.m	685
Availability of medical room	Yes
Availability of warden office	Yes
Availability of Guest rooms	Yes
Availability of Indoor games cum common hall	Yes
Availability of CC Cameras near the main entrance of the hostel	Yes
Availability of security	Yes
Availability of Internet Facility	Yes



Hostel (Boys)

Land Location	AITS Campus
No. of Buildings	01
No. of Floors	05
Total floor area in sq.m	431
Availability of medical room	Yes
Availability of warden office	Yes
Availability of Guest rooms	Yes
Availability of Indoor games cum common hall	Yes
Availability of CC Cameras near the main entrance of the hostel	Yes
Availability of security	Yes
Availability of Internet Facility	Yes



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EVENTS

S.No	Particulars
1	Organized Graduation Day on 21.06.2022
2	Celebrated 18 th International Yoga Day on 21.06.2022
3	Annual Day Celebrations of the Institute on 23.06.2022
4	Organized International Anti Drug Day at the Institute on 04.07.2022
5	APEAPCET online entrance examination conducted at the institute from 04.07.2022 to 12.07.2022
6	AP ICET online Entrance Exam conducted at the Institute on 18.07.2022
7	A Guest Lecture on 'Recent Trenching Renewable Energy' conducted by the EEE Dept. on 28.07.2022
8	The NSS Unit Conducted a Vaccination Programme for the students and staff of the College on 06.08.2022
9	The Institute Celebrated Independence Amrutha Mahotsav celebrations on 12.08.2022
10	Independence Diamond Jubilee Celebrations were held grandly at the Institute on 15.08.2022
11	A Guest Lecture on 'Advances in Civil Engineering –structural Engineering on 27.08.2022
12	A Guest Lecture conducted by the EEE Dept on 30.08.2022
13	Sarvepalli Radha Krishna Birthday Celebrations at the Institute on 05.09.2022
14	Mokshagundam Visvesvarayya Birthday Celebrations at the Institute on 15.09.2022
15	NSS Foundation Day Celebrations at the Institute on 24.09.2022
16	Gandhi Jayanthi Celebrations at the institute 02.10.2022
17	Women Rule in Society – a seminar organized at the institute on 15.10.2022
18	The World students day was celebrated at the Institute on 15.10.2022
19	An Awareness Programme on Civil Service Examination system was organized under the auspices of Alumni Association on 18.10.2022
20	A Four days workshop on MATLAB Programming in industrial Applications under the auspices of the Department of ECE on 21.10.2022
21	Sardar Vallabhai Patel Birth anniversary Celebrated in the institute on 31.10.2022
22	A Guest Lecture on Opportunities for Civil Engineering with Special Emphasis on Valuation of Immovable property conducted by the Civil Dept. on 02.11.2022
23	JNTUA Intra University Chess Team selections organized on 04.11.2022
24	National Education Day celebrated in the institute on 11.11.2022
25	A personality development programme by the Personality Development Trainer K.V. Pradeep conducted for I. B.Tech Students on 17.11.2022
26	A Seven day workshop commenced on 05.12.2022 by EEE Dept.
27	JNTUA Chess training camp conducted at the institute on 13.12.2022.
28	Awareness seminar on 'job opportunities' conducted by the institute on 16.12.2022
29	Mega Blood donation camp and Tree plantation programme was held at the institute on 21.12.2022.

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Health Center

- **Medical Officer and nurses are appointed for medical check up in the campus.**
- **First Aid kits are kept ready in all the departments and hostels.**
- **24 Hours vehicle facility available in the campus.**

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Transport & Parking

Parking places are provided for all types of vehicles (cars, busses, two wheelers etc.) near the main gate and inside the campus.



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Departments

1	Civil Engineering
2	Electrical & Electronics Engineering
3	Mechanical Engineering
4	Electronics & Communication Engineering
5	Computer Science and Engineering
6	Artificial Intelligence & Data Science
7	Artificial Intelligence & Machine Learning
8	Computer Science and Engineering (AI)
9	Computer Science and Engineering (DS)
10	Structural Engineering
11	Electrical Power Systems
12	Machine Design
13	Embedded Systems
14	Computer Science and Engineering
13	Master of Business Administration
14	Master of Business Administration (BA)
15	Master of Computer Applications

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Teaching & Non-Teaching

S.No.	Department / Courses Offered	No. of Teaching Staff	No. of Non-Teaching Staff
1	Civil Engineering	18	188
2	Electrical & Electronics Engineering	34	
3	Mechanical Engineering	31	
4	Electronics & Communication Engineering	39	
5	Computer Science and Engineering	34	
6	Artificial Intelligence & Data Science	7	
7	Artificial Intelligence & Machine Learning	4	
8	Structural Engineering	3	
9	Electrical Power Systems	3	
10	Machine Design	3	
11	Embedded Systems	3	
12	Computer Science and Engineering	3	
13	Master of Business Administration	25	
14	Master of Computer Applications	21	
15	Humanities and Sciences	46	

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RESEARCH PUBLICATIONS - 2022

S.No.	Name of the Author(s) (Kindly write the names as per paper)	Department of the Author(s)	Title of the paper	Name of the Journal	Date of publication	ISSN / ISBN
1	Pasala Gopi , S.VenkatRao, Ali Kimiyaghalam	EEE	Design of μ – controller for quarter electric vehicle with actuator uncertainties	Material today proceedings(Elsevier)	20-Jan-22	
2	A.Hima bindhu	EEE	Harmonic reduction in single phase switch boost PFC converter	international journal of interdisciplinary sciences and engineering applications(IJISEA)	Jan-22	2582-6379
3	N Sivarami Reddy, M Padma Lalitha, DV Ramamurthy, K Pahlada Rao	EEE	Simultaneous Scheduling of Machines and Tools in a Multi-Machine FMS with Alternate Machines Using Crow Search Algorithm	Journal of Advanced Manufacturing Systems	February 2022	0219-6867 / 1793-6896
4	M.Saisandeep, H.Tejaswini, K.Rajasekhar Raju,E.Sowmya,V.Pre mkumar	EEE	IoT based smart shoe for visually impaired	International journal of scientific research in engineering and management(IJSREM)	May-22	2582-3930
5	P.Ravindra prasad, D.Saikrishna kanth, P.Manasa,G.Vishnuva rdhan,N.Poojitha,S.m ohammad sameer	EEE	Simulation of isolated hybrid micro grid with fuzzy controller	International journal of engineering and techniques	May-22	2395-1303
6	S.Sarada, K.Swarna Latha,K.Kotireddy,H.P raveen, T,Sindhuja	EEE	Simulation of Electric grid and analysis at different conditions	Journal of Engineering Sciences	May-22	0377-9254
7	Saik ayesha jabeen Bhanu, Dr.Pasala Gopi, Dr.M.Padmamalitha	EEE	Design and analysis of fuzzy based hybrid PV-wid power quality improvement for local non-linear loads using MLMS	Springer conference(ICAECT -2021)	Jun-22	

8	P.Veera Sanjeeva Kumar, A.Hemantha Kumar, G.Venkata Subbaiah, L.Harikrishna, Nallamothu Ramesh Babu	M.E	Flexural And Impact Characterization Of Polymer Laminated Composites Reinforced With Bi-Woven Glass Fibers	JOURNAL OF OPTOELECTRONICS LASER	3/31/22	ISSN:1005-0086
9	Padma Lalitha Mareddy, Sivarami Reddy Narapureddy, Venkata Ramamurthy Dwivedula, S.V. Prayagi	M.E	Simultaneous Scheduling of Machines, Tool Transporter and Tools in a Multi Machine Flexible Manufacturing System Without Tool Delay Using Crow Search Algorithm	Jordan Journal of Mechanical and Industrial Engineering	01.07.22	1995-6665
10	Prasad K, N.Ratna Kumari, T.Pravallika, K.Rohit Reddy, N.Sai Sumanth	ECE	Gender and age detection using convolutional neural networks on real time stream	Journal of Information and Computational Science.	May-22	1548-7741
11	Lakshman K.;Shaik Fahimuddin.;Gunjan V.K.;Singh N.;Kumar G.;Shafi R.M	ECE	Perimeter Degree Technique for the Reduction of Routing Congestion during Placement in Physical Design of VLSI Circuits	Complexity	Apr-22	1076-2787
12	Shaik Karimullah, D. Vishnuvardhan, Muhammad Arif, Vinit Kumar Gunjan, Fahimuddin Shaik, Kazy Noor-e-alam Siddiquee,	ECE	An Improved Harmony Search Approach for Block Placement for VLSI Design Automation	Wireless Communications and Mobile Computing	Apr-22	1530-8677
13	C.Venkatesh, Polaiah Bojja	ECE	A Dynamic Optimization and Deep Learning Technique for Detection of Lung Cancer in CT Images and Data Access through Internet of Things	Wireless Personal Communications, Springer	Apr-22	0929-6212
14	C.Venkatesh, D.Jayakrishna, L.Sivayamini,	ECE	Design of Smart Classroom in Educational Institutes for Smart and a Sustainable Campus Based on Internet of Things	Studies in Computational Intelligence	Apr-22	1860-9503
15	K. Shankar, L.V. Lakshmi, P. Chandrakala, S. Upendra Rao, P.T. Mamatha	ECE	HIERACHICAL APPROXIMATION UNIT IN HIGH RADIX BOOTH SQUARER FOR ERROR TOLERANT APPLICATIONS	The International journal of analytical and experimental modal analysis	Apr-22	0886-9367

16	Uma Maheshwar Janniekode, Rajendra Prasad Somineni, Osamah Ibrahim Khalaf, Malakeh Muhyiddeen Itani, J. Chinna Babu and Ghaida Muttashar Abdulsahib	ECE	A Symmetric Novel 8T3R Non-Volatile SRAM Cell for Embedded Applications	Symmetry-MDPI Journal	Apr-22	2073-8994
17	V. Sai Anusha , M. Kusuma, M. Mounika, G. Lokeshwara Reddy, K Rama Krishna Reddy	ECE	MEDICATION ALERTS AND SUPERVISORY OF HEALTH USING IoT	Journal of Information and Computational Science	Mar-22	1548-7741
18	V. Sai Anusha , K Shilpa, K. Deepanjali, U, Moulali, C.V. Gouri Priya	ECE	Social Distancing Indicator	International Journal of Science, Engineering and Technology	Mar-22	2348- 4098
19	R.Mahesh Kumar , D. Kavitha, G. Lakshmi Prassana, C. Akila, D. Kallel	ECE	MQTT PROTOCOL BASED SMART HOME AUTOMATION USING ESP8266	The International Journal of Analytical and Experimental Modal Analysis	Feb-22	0886-9367
20	G.THIRUMALAI AH , J. Geethanjali, P.C. Anil kumar, S. Asif, S. Archana	ECE	SOLAR BASED SMART CARD ELECTRICAL CHARGINGPOINTS FOR DIVERSIFIED ENERGY LOADS USING ARDUINO	The International journal of analytical and experimental modal analysis	Feb-22	0886-9367
21	Shaik Karimullah , Dr. D. Vishnuvardhan	ECE	Pin Density Technique for Congestion Estimation and Reduction of Optimized Design during Placement and Routing	Applied Nanoscience	Jan-22	2190-5517
22	G.Thirumalaiah , S. Immanuel Alex Pandian	ECE	An optimized complex motion prediction approach based on a video synopsis	International Journal of Intelligent Unmanned Systems	Dec-21	2049-6427
23	K.Uday kumar Reddy	CSE	Fake reviews detection using supervised machine learning	International multidisciplinary research technology and engineering	7th and 8th April 2022	978-93-91535-28-5
24	Dr K. Uday Kumar Reddy , K. Vineeth Kumar, P. Varshitha, G. Swathi, N. Sasikala, E. Venugopal	CSE	Intelligence embedded image caption generator using an LSTM based RNN model	International multidisciplinary research technology and engineering	7th and 8tg April 2022	978-93-91535-28-5

25	Yousef Methkal Abd Algani, K. Boopalan , G Elangovan,D. Teja Santosh,K. Chanthirasekaran,Indrajit Patra,N. Pughazendi,B. Kiranbala,R. Nikitha,M. Saranya	CSE	Autonomous Service for Managing Real Time Notification in Detection of Covid-19 Virus	Computers and Electrical Engineering - Elsevier	5/25/22	0045-7906
26	K.Boopalan ,G Elangovan, D.Teja Santosh,K.Chanthirasekaran,Indrajit Patra,N Pughazendi ,B.Kiranbala,R.Nikitha	CSE	Autonomous Service for Managing Real Time Notification in Detection of Covid-19 Virus	computer and electrical engineering- Elsevier	5/25/22	0045-7906
27	Dr k.uday kumar reddy	CSE	Deep learning techniques for automatically classifying food images	Mathematical statistics and engineering applications	19/08/22	2094-0343
28	B.Pandu Ranga Raju , P.Ganesh Reddy, S.Sushanth Kumar Raju, A.Pranathi, V.Siva Jyothi	AI&DS	Character Segmentation of Handwritten Text of Support Vector machine(SVM) Using machine Learning	International Journal of Advanced Technology in Engineering and Science(IJATES)	7/5/2022	2348-7550
29	B.Pandu Ranga Raju , B.Naga Lakshmi, G.Naga Gayathri, K.Sai Poojitha,S.Mehataj	AI&DS	Design and Evaluation of a Deep Learning Algorithm for Emotion Recognition using Convolutional Neural Networks(CNN)	International Journal of Advanced Technology in Engineering and Science(IJATES)	7/5/2022	2348-7550
30	P. Susmitha, V. Swetha, S. Udaya, K. Anusha, Pidugu Nagendra	AI&DS	Sentiment classification with the BERT procedure based on deep learning	International Journal of Advance Research, Ideas and Innovations in Technology	Apr-22	2454-132X
31	P.Nagendra , G.Sowmya , T.Vamsi Kumar , N.Veera Charan , M.Thanusha	AI&DS	LOAN DEFAULT FORECASTING USING MACHINE LEARNING	International Journal of Advance Research in Science and Engineering	May-22	2319-8346
32	Dr. J. Krishna , O. Ganendra, S. K. Mahaboob Basha, K. Chandrika, K. Balaji Reddy	AI & ML	Deep Learning for Monitoring Driver's Distraction from Physiological and Visual Signals	Drugs and Cell Therapies in Hematology	23/4/2022	ISSN: 2281-4876
33	P.Veera Sanjeeva Kumar, A.Hemantha Kumar , G.Venkata Subbaiah, L.Harikrishna and Nallamothe Ramesh Babu	Mathematics (H&S)	Flexural And Impact Characterization Of Polymer Laminated Composites Reinforced With Bi-Woven Glass Fibers	Journal Of Optoelectronics Laser	3/31/2022	1005-0086

34	K.RAMESH BABU , M. SIMHADRI, K. JANARDHAN	H&S	PARABOLIC MOTION EFFECTS PAST AN EXPONENTIALLY ACCELERATED ON CONVECTIVE HEAT AND MASS TRANSFER FLOW OVER A VERTICAL PLATE WITH CROSS DIFFUSION	Stochastic Modeling and Applications	10.05.22	0972-3641
35	Viswadevarayalu Annaram, Adinarayana Reddy Somala, Quansheng Chen, Felix Y.H. Kutsanedzie, Akwasi A. Agyekum, Muhammad Zareef, Md. Mehadi Hassan	H&S (Chemistry)	Hydrothermal fabrication of MoS ₂ /reduced graphene oxide nanohybrid composite for the electrochemical sensing of Hg(II) in green tea	Materials Today: Proceedings	05/04.22	2214-7853
36	Poli Chandra Reddy, Mummadisetty Umamheswar, S Harinath Reddy, AB Madhumohana Raju, MC Raju	H&S (MATHEMA TICS)	Numerical study on the parabolic flow of MHD fluid past a vertical plate in a porous medium	Heat Transfer	January, 2022	2688-4542
37	Parvathi Meruva, Poli Chandra Reddy, Parakapali Roja, Appikatla Leela Ratnam	H&S (MATHEMA TICS)	Characteristics of MHD three-dimensional flow of nanofluid over a permeable stretching porous sheet	Heat Transfer	February, 2022	
38	PC Nagajyothi, R Ramaraghavulu, K Yoo, K Pavani, J Shim	Humanities and Sciences	An inexpensive Ni- doped Co ₃ O ₄ electrocatalyst for urea oxidation	Colloids and Surfaces A: Physicochemical and Engineering Aspects	1/20/202 2	ISSN:0927- 7757
39	TVM Sreekanth, R Ramaraghavulu, K Yoo, J Kim	Humanities and Sciences	Facile One-Pot Decoration of SnO ₂ Quantum Dots on the Surface of the Iron Phosphate Nanosheets for Enhanced Catalytic Decolorization of Methylene Blue Dye in the Presence of NaBH ₄	Journal of Cluster Science	3/1/22	ISSN:1040727 8
40	Lavuluri Obulapathi, Seelam Harinath Babu, Boggala Sreenivasulu, Jaesool Shim & P. C. Nagajyothi	Humanities and Sciences	Synthesis, structural, band gap, and optical properties of Ba ₃ (PO ₄) ₂ hierarchical structural materials	Journal of Materials Science: Materials in Electronics	6/17/22	ISSN:0957- 4522

41	Mummadisetty Umamaheswar, Poli Chandra Reddy, Singamala Harinath Reddy , Obulesu Mopuri, Charan Kumar Ganteda	HUMANITIES AND SCIENCES	Aspects of parabolic motion of MHD fluid flow past a vertical porous plate with cross diffusion effects	HEAT TRANSFER	3/16/22	2688-4534
42	R.Reddappa, L. LakshmiDevi , Ch.Basavapoornima, Shobha RaniDepuruc J.KaewkhaodWisanaP echarapaeC.K.Jayasan kara	Humanities and Sciences (Physics)	Photoluminescence characteristics of Ln^{3+} -doped phosphors derived from sustainable resources for solid state lighting applications	Optik - International Journal for Light and Electron Optics	26.05.22	0030-4026
43	L. Lakshmi Devi , ChBasavapoornima, Shobha RaniDepuru, V.Venkatramu, C.K.Jayasankara	Humanities and Sciences (Physics)	Agricultural waste for the development of low cost $\text{Ca}_2\text{SiO}_4:\text{Pr}^{3+}$ phosphors	Journal of Luminescence	07.06.22	119059 (1-9)
44	T.RAMANJANEYULU & L.HARI KRISHNA	Mathematics (H&S)	Effects of sorbitol and chemical reaction on a Casson fluid through a vertical plate in conducting field with variable boundary	Neuro Quantology	7/1/22	1303-5150
45	O Akbar Basha , Asheera Banu Sangli, Vivekanand B. Jadhav, M E Paramasivam, Vipin Yadav	H&S (Chemistry)	A multi-residue methodology is proposed to reduce drug toxicity	Bulletin of Environment, Pharmacology and Life Sciences	May,2022	2277-1808
46	Dr. K. Janardhan , S. Venkata Rami Reddy	H&S (Mathematics)	PARABOLIC MOTION EFFECTS ON CONVECTIVE HEAT AND MASS TRANSFER FLOW OVER A VERTICAL PLATE WITH CROSS DIFFUSION	Advances and Applications in Mathematical Sciences	Jan, 2022	0974-6803
47	P. Vijaya Kumar, Dr.B. Bala Nagendra Prasad	H&S	Impact of Technical advancements in acquiring English language in current scenario	International Journal of English Learning and Teaching Skills	Apr-22	ISSN: 2638-5546 (Online)
48	M.Nagaraja Kumar, Dr. B. Bala Nagendra Prasad	H&S	Acquisition of English Language through Language Laboratories- A paradigm shift in Language Learning	International Journal of English Learning and Teaching Skills	Jul-22	ISSN: 2639-7412

49	Dr. S. Satyam, Dr. B. Bala Nagendra Prasad	H&S	Consciousness in Toni Morrison's Novel the Bluest Eye	International Journal of English Learning and Teaching Skills	July, 2022	ISSN: 2639-7412
50	Dr.M.Sudheer Kumar , SMD Azash , Mr.K. Ramakrishna	MBA	Managerial Competencies Analysis and Gap among Managers of Selected Textile Mills in Andhra Pradesh	NVEO - Natural Volatiles & Essential Oils		<i>E-ISSN: 2148-9637</i>
51	P. Venkata Subbaiah & Debora Dhanya A	MBA	Technical Education Students' Intention to Install M-Learning MOOC Pedagogy	International Journal of Early Childhood Special Education	27, April 22	ISSN: 1308-5581
52	Sreenivasula Reddy T, R. Sathya, Dr.N.Mallikarjuna Rao	MCA	Intuitionistic fuzzy rough sets and fruit fly algorithm for association rule mining	International Journal of System Assurance Engineering and Management	26th jan 22	0975-6809
53	Dr.C.Madana Kumar Reddy	MCA	Humidity as well as Temperature Tracking Related Internet of Things with Arduino UNO	International Journal of humanities, Law and Social Sciences	27th may2022	2348-8301
54	P.Swathi	MCA	Packet Proceeding Attacks In Mobile Adhoc Networks: Security and Reliable Detection	International Journal of Advanced Research in Science and Engineering	5/1/2022	2319-8354

ANNAMACHARYA INSTITUTE OF TECHNOLOGY AND SCIENCES

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ACHIEVEMENTS

- UGC Autonomous Status
- NBA Accreditation to B.Tech. EEE, ECE & CSE courses from 2021 to 2024
- NAAC Accreditation with 'A' Grade from 2019 to 2024
- IEEE Student Chapter
- Institute of Engineers India Accreditation
- Institutional Membership of IE(I).
- CM's Award for outstanding performance for JKC
- Prokarma recognition to conduct GRE/TOEFL
- Infosys Campus Connect Training Program
- EKLAVYA Programme in association with IIT Mumbai
- Ranked AA+ by CAREERS 360 Magazine
- Institutional Membership of ISTE.

Awards

- * Top 50 College Award in 'The Great Mind Challenge'
- * Best Upcoming Engineering Institute
- * Outstanding Engineering Education in Science and Technology in Remote Areas
- * Best Engineering Institute – South
- * Best Educational Group (Infrastructure and Facilities)

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Curriculum

The detailed curriculum is available in our institute website. The link/s are provided below.

https://www.aitsrajampet.ac.in/images/pdf/R20_Regulations_Final.pdf

https://www.aitsrajampet.ac.in/images/pdf/BTech-R19-Regulations_compressed.pdf

https://www.aitsrajampet.ac.in/images/pdf/MTech-R19-regulations_compressed.pdf

<https://www.aitsrajampet.ac.in/images/pdf/R19-MBA-Regulations-min.pdf>

https://www.aitsrajampet.ac.in/images/pdf/MCA%20R20%20Two%20years%20Regulations_compressed.pdf

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Sports facilities

People of all ages take part in sports. Sports are fun and relaxation from our monotonous daily existence. Some people like sports which make them think and some which make them sweat. Team sports need fast action and team work. Team work teaches people how to work with others towards a common goal.

All sports are competitive and exciting. A Good sportsman is a person who can win without boasting and who can accept defeat with good grace. Games are also rituals, pattern and symbols of life. Health and prosperity of the nation is reflected in the activities and programs. They are carried out and in which masses are found engaged in. The more constructive, concrete, and creative nature of these activities is maintained, the better can be anticipated in terms of health and prosperity of the people.

About Games and Sports Cell ; AITS is a complete institute in itself. All round personality development is given due importance and as such many sports and games are conducted throughout the year to make the students more capable of to equip them with innovative talents in the best possible manner, to face the challenges of tomorrow boldly. The college always encourages the students and appreciates their better performance.

All sports activities will run under the sports council. Staff members are appointed as in charges for various games and sports activities at our college in order to have their involvement in the games and sports activates. On the days, of national festivals viz. 15th August and 26th January the staff is exposed to sports. On 3rd May on account of Sri Tallapaka Annamacharya jayanthi celebrations, Yoga day, National sports day, Judo day, various games competitions are conducted for staff member Children's. In order to keep the children of staff physically fit, they are being trained every day. Staff is always welcomed to take part in day to day games use the sports infrastructure.

Department of Physical Education

S.No	Name of the Game/ Sports	No of Courts available
1.	Shuttle Badminton	7
2.	Cricket	1
3.	Lawn Tennis	2
4.	Hockey	1
5.	Yoga Hall	1
6.	Fitness Centre	1
7.	Volley Ball	5
8.	Weightlifting	1
9.	Basketball	2
10.	Hand Ball	1
11.	Judo Hall	1

12.	Foot Ball	1
13.	Kabaddi	2
14.	Sports <ul style="list-style-type: none"> • 400 Mtr running track • Long Jump • High Jump • Disk throw • Javelin throw • Shot-put 	1 1 1 1 1 1
15.	Ball Badminton	3
16.	Throw Ball	2
17.	Tennikoit	2
18.	Staff Recreation Hall <ul style="list-style-type: none"> • Caroms • Chess • Table Tennis 	2 8 15 2
19.	Open Gym at Boys Hostel Open Gym at Girls Hostel	1 1