



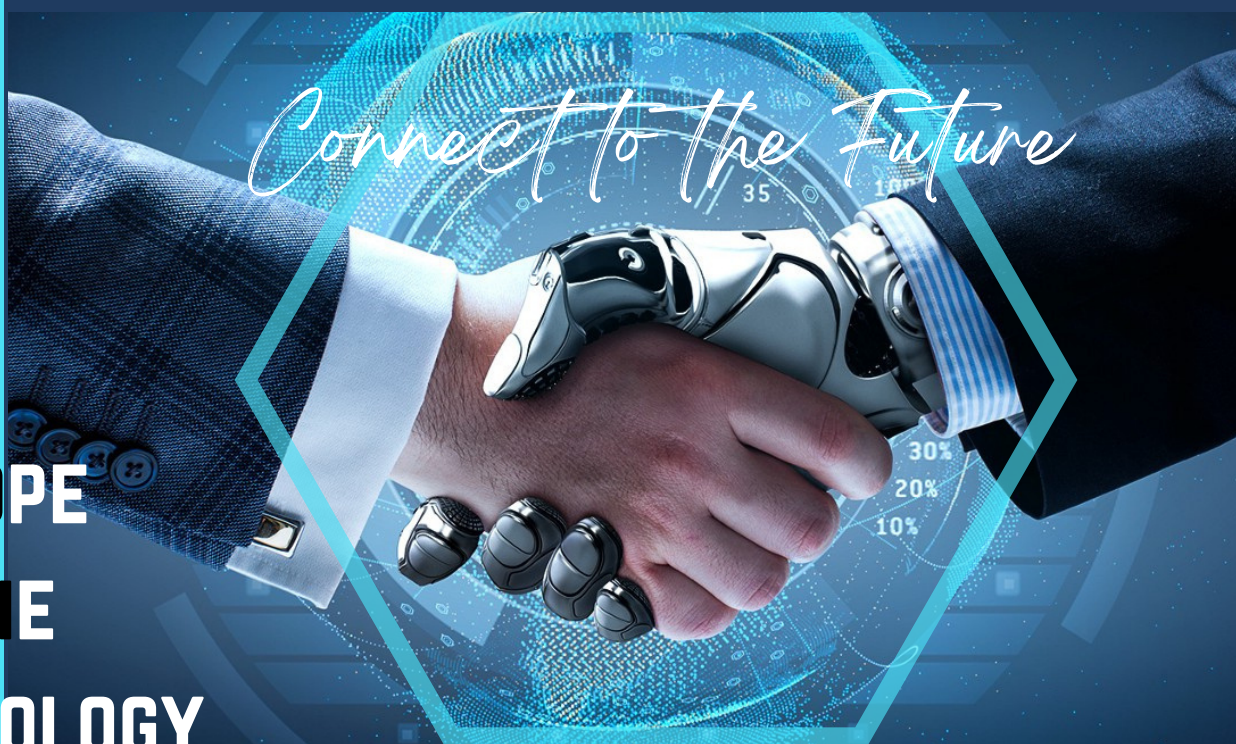
Aditya College of Engineering and Technology

Department of
Computer Science and Engineering

SPARKLE Magazine

Jun 2020-Nov 2020

**SCOPE
THE
TECHNOLOGY**



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Sparkle

Magazine

Chairman's Message



Dr. N.SESHA REDDY
CHAIRMAN

I believe in the philosophy of thought, word and deed as eternal which made Aditya what it is today. My thought to set a high bar to the institutions I setup by rising to the challenges of the educational field and get prepared for a life dedicated to the pursuit of knowledge, My word which always reflected my vision and gained the conviction of the heads of the institutes and parents, And my deed which makes my home and workplace as extensions of each other by considering the staff and students as the members of my extended family shaped Aditya

I know the value of a good education, more so because I did not have the benefit of the facilities that make the learning process smooth. I began my career as a lecturer, giving up my desire of qualifying in the Service Commission Examination. Out of my despair was born a strong determination which took the shape of Aditya Educational Institutions.

Challenges, Competition and the fear of failure are natural, but success embraces those who face these with the can-do attitude. For me this can-do attitude is backed up by our state-of-the-art infrastructure, picturesque & inspiring setting and devoted team of faculty-members and administrators. The learning ambience at all the constituting Institutions is perfectly suited for all-round growth and academic excellence. Today, the group has a proud record of evolving efficient, confident and highly knowledgeable technocrats, managers, pharmacists and entrepreneurs with global thinking and futuristic mind-set.

The present-day job market poses fresh challenges that need to be managed innovatively. Global business Incubation centre, Microsoft Innovation Centre, Technical Skill Development Institute, T-hub, Training and Placement Cell, GATE coaching etc., act as perfect vehicles for this.

Vice-Chairman's Message



As a direct product of Aditya I know how my father toiled to place Aditya on the academic map of the country through its various phases of expansion even under the most trying circumstances.

My Masters degree from UTS Australia, the best university in the continent, has given me deeper understanding and insight into the education system. This was coupled with the ideology of my father which enabled me to take the onus of steering Aditya. In succession, Aditya technical campus, Surampalem has been established to offer professional education in engineering, technology, management and pharmacy with the core concept of quality and excellence.

Ever since its inception in 2001, the campus has registered speedy progress by upholding its abiding commitment to advance knowledge and educate students in science and technology. The prime aim of the campus is to make teaching and research relevant to the practical world.

The campus offers numerous opportunities for the aspiring students which lay a strong foundation for the corporate world. T-Hub is a specimen of innumerable opportunities provided to students with enough competitive inputs to become T-shaped engineers, facilitate internship opportunities on the campus, develop partnerships with corporate and industry giants etc. through its various programs.

The ultimate aim of Aditya is to make the campus the 'first stop' for companies in the recruitment process. In this regard training and placement cell takes utmost care to groom students according to the needs of the industry.

Keeping in view the demands of the work environment which is beyond just knowledge and marks, a lot of emphasis is laid on the overall personality development of the students. Various clubs run by the students, events like VEDA (technical fest) and COLOURS (youth fest) etc. challenge the latent talent in the students and bring them to the fore.

Finally a desire can change nothing, a decision can change something but a determination can change everything. For sure Aditya is strongly determined to provide its students a successful career. Wish you good luck.

Principal's Message



Dr. T. K. Rama Krishna Rao
PRINCIPAL

The significant problems we face cannot be solved at the same level of thinking we were at when we created them." - Albert Einstein. 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 ACET 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.

HOD Message



M. Anil Kumar
M.Tech., Ph.D

The scope of computer science is endless. The students of the computer science and engineering are highly demanded by the recruiters of the top companies. Through innovative teaching- learning process a teamwork approach and leadership building experience, our students gain vital communication and critical-thinking skills. Our institution provides a platform for the students to enhance their employability skills through Industry Institute Collaboration.

Computer Science and Engineering

Department of Computer Science and Engineering has been successfully functioning since 2004. It offers B.Tech (Computer Science and Engineering) with an intake of 120 students and M.Tech (Computer Science and Engineering) with 12 students. Department of CSE has good interactions and MOUs with leading technology domain Training & Development Industries. Department of CSE under ACET, signed pacts in the form of MoUs with Infosys (Campus Connect), Microsoft (Campus Agreement), APSSDC. It organizes Exhibitions, Conferences, Seminars and Workshops for both students and Faculty belonging to various Technical Educational Institutions all over India. Our students are placed in various top MNCs like Infosys, TCS, Tech Mahindra, Accenture, Cognizant, Samsung etc., for deserving & esteemed packages of more than 4.0 Lakhs to 17.5 Lakh per Annum. Faculty of CSE are always dedicated and devoted towards the comprehensive development of their students by training them physically through enough sports & games; psychologically through technical competitions globally. The department of CSE as a whole aims at the development of leading Computer Science Professionals with ethical values & societal concern.

Department Mission

*To be a center for excellence in
Computer Science and Engineering
education and innovation.*

Department Vision

Provide state of art infrastructure.

Skill based learner centric teaching methodology.

*Organize socio-cultural events for better society. To
undertake collaborative works with academia and
industry.*

*Encourage students and staff self-motivated, problem
solving individuals using Artificial Intelligence.*

Encourage entrepreneurship in young minds.

PSO'S

PSO 1:

The ability to design and develop computer programs for analyzing the data.

PSO 2:

The ability to analyses data develop Innovative ideas and provide solution by adopting emerging technologies for real time problems of software industry.

PSO 3:

To encourage the research in software field that contribute to enhance the standards of human lifestyle and maintain ethical values



GUIDO VAN ROSSUM

Python is an interpreted, object-oriented, high-level programming language with dynamic semantics. Its high-level built in data structures, combined with dynamic typing and dynamic binding, make it very attractive for Rapid Application Development, as well as for use as a scripting or glue language to connect existing components together. Python's simple, easy to learn syntax emphasizes readability and therefore reduces the cost of program maintenance.

Python supports modules and packages, which encourages program modularity and code reuse. The Python interpreter and the extensive standard library are available in source or binary form without charge for all major platforms, and can be freely distributed.

Often, programmers fall in love with Python because of the increased productivity it provides. Since there is no compilation step, the edit-test-debug cycle is incredibly fast. Debugging Python programs is easy: a bug or bad input will never cause a segmentation fault. Instead, when the interpreter discovers an error, it raises an exception. When the program doesn't catch the exception, the interpreter prints a stack trace. A source level debugger allows inspection of local and global variables, evaluation of arbitrary expressions, setting breakpoints, stepping through the code a line at a time, and so on. The debugger is written in Python itself, testifying to Python's introspective power. On the other hand, often the quickest way to debug a program is to add a few print statements to the source: the fast edit-test-debug cycle makes this simple approach very effective.

OUR FACULTY

Computer Science and Engineering

S.NO	Dept	Name of the Faculty	Designation
1	CSE	Dr. MUTHEVI ANIL KUMAR	Professor
2	CSE	Dr. REGELLA VENKATA SATYA LALITHA	Professor
3	CSE	Dr.RAYI SAILAJA	Associate Professor
4	CSE	Dr. SANJIV RAO GODLA	Professor
5	CSE	Mr. S S R K M GUPTA	Assistant Professor
6	CSE	Mr.CHAKKA SVVSN MURTY	Assistant Professor
7	CSE	Dr. T. K. RAMA KRISHNA RAO	Professor
8	CSE	Mr.BOLLU MANIKYALA RAO	Assistant Professor
9	CSE	Ms.SHAIK VAHIDA	Assistant Professor
10	CSE	Mr. G A K S RAJEEV KUMAR	Assistant Professor
11	CSE	Ms. N MARY JOYCE DEBORAH	Assistant Professor
12	CSE	Mrs.THEEPARTHI JHANSI LAKSHMI SARWANI	Assistant Professor
13	CSE	Mrs.JALLIGAMPALA DIVYA LALITHA SRI	Assistant Professor
14	CSE	Mrs.K.S.B AMBIKA	Assistant Professor
15	CSE	Mrs.RAVURI LALITHA	Assistant Professor
16	CSE	Mr. UDDAGARI LAKSHMI NAGENDRA KUMAR	Assistant Professor
17	CSE	Ms.NAGARAPU MADHURI	Assistant Professor
18	CSE	Mr. VENKATESH KARNASULA	Assistant Professor
19	CSE	Mr.JAGATHA SATYA NARENDRA KUMAR	Assistant Professor
20	CSE	Mr.AMANULLA MOHAMMAD	Assistant Professor
21	CSE	Mr.N VEERENDRA KUMAR REDDY	Assistant Professor
22	CSE	Mr. G SURENDRA KUMAR	Assistant Professor
23	CSE	Mr.NADELLA SUNIL	Assistant Professor
24	CSE	Mr.NALLANTI VENKATESWARA RAO	Assistant Professor
25	CSE	Mr. YERRAVARAPU V V DURGA PRASAD	Assistant Professor
26	H&BS	Mr.DUNE SATYANARAYANA	Assistant Professor
27	H&BS	Ms.GADI MOUNICA	Assistant Professor
28	H&BS	Ms.RAYAVARAPU SRI DIVYA	Assistant Professor
29	H&BS	Mrs.VINTI SURYA LAKSHMI KANTHAM	Assistant Professor

"Better than a thousand days of diligent study is
one day with a great teacher"

Faculty FDPS Attended

S.NO NAME NAME OF FDS ORGANIZER

1. B Srinivas Machine learning in Python APSSDC
2. N.Sunil Machine learning in Python APSSDC
3. N.Sunil Two days workshop on Hands on ACET experience of Data Science Using Python
4. J S N Kumar Two days workshop on Hands on ACET experience of Data Science Using Python
5. B Srinivas Two days workshop on Hands on ACET experience of Data Science Using Python



Differnece between success and failure is doing things exactly correct and almost correct

- Ch.S.N.V.N.Murthy
Assot.prof

Artificial Intelligence

Artificial intelligence, or AI, can be found all over the place. AI is used to plan routes in phone navigation apps and self-driving cars. AI is used by streaming services to recommend films, while online retailers utilise it to recommend things. Search engine results and virtual translators are also powered by AI. Basically, AI is the brains behind any device that solves a problem that would normally require human intelligence. Machine learning underpins much of today's AI. This is a technique used in computer science that allows computers to learn from examples or experience. Take, for example, AlphaGo. This AI is well-known for defeating human champions in the complicated game of Go. AlphaGo honed its skills by reviewing 30 million Go moves made by other individuals. The AI then practised against multiple versions of itself, honing its skills.

- Md Amanulla
Assit.prof


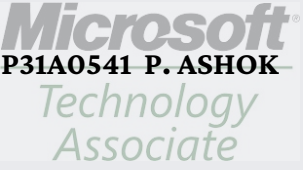


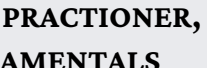
Placements Minutiae

S.no	Date	Company	Package	Roll No	Name
1	16-08-2019 17-08-2019	LTi	3.50 To 5.00 LPA	16P31A0558	Rachana Pachigolla
2	16-08-2019 17-08-2019	LTi	3.50 To 5.00 LPA	16P31A05C0	Makhдум Ashraf
3	16-08-2019 17-08-2019	LTi	3.50 To 5.00 LPA	16P31A0578	Gandham Naga Santhoshi Sai Nandan
4	16-08-2019 17-08-2019	LTi	3.50 To 5.00 LPA	16P31A0502	Balantrapu Venkata Lahari
5	16-08-2019 17-08-2019	LTi	3.50 To 5.00 LPA	16P31A0546	Sampurna Bhowmick
6	14-08-2019 19-08-2019	MAQ	4.32 To 6.00 LPA	16P31A0557	ASHISH KUMAR
7	26-08-2019 27-08-2019	GCK TECH	Training: 2.40 LPA After Training: 4.50 LPA	17P35A0502	Satish Durga Shankar Kanakala
8	08-08-2019	TCS NQT	3.36 LPA	16P31A0521	Padma Kallakuri
9	08-08-2019	TCS NQT	3.36 LPA	16P31A0574	Vaishnavi Chilukuri
10	08-08-2019	TCS NQT	3.36 LPA	16P31A0558	Rachana Pachigolla
11	08-08-2019	TCS NQT	3.36 LPA	16P31A0584	Sunanda Kanamathareddy
12	08-08-2019	TCS NQT	3.36 LPA	16P31A0581	Rajasekhar Goli
13	12-09-2019 13-09-2019	ZENQ	2.80 LPA	16P31A0574	Vaishnavi
14	28-09-2019	Cognizant(CTS)	4.00LPA	16P31A0574	Vaishnavi Chilukuri
15	28-09-2019	Cognizant(CTS)	4.00LPA	16P31A0581	Goli Rajasekhar
16	12-10-2019 13-10-2019	Hexaware Technologies	3.00 LPA	16P31A0570	Bolla Alekya Devi
17	12-10-2019 13-10-2019	Hexaware Technologies	3.00 LPA	16P31A0539	PAKKI SIVA SAI PRASANTHI
18	03-10-2019 04-10-2019	Amazon AWS VAISHNAVI	19.00 LPA	16P31A0584	Sunanda Kanamathareddy
19	15-11-2019 16-11-2019	INFORMATION TECHNOLOGIES	4.00 LPA	16P31A05B0	Shubham Kumar Gupta
20	15-11-2019 16-11-2019	VAISHNAVI INFORMATION TECHNOLOGIES	4.00 LPA	16P31A05B8	Mukesh Kumar
21	20-11-2019	FULL CREATIVE TECHNOLOGIES	2.75 To 3.00 LPA	16P31A0593	MANCHINISSETTI PRAVALLIKA
22	26-11-2019	INFOSYS	3.50 LPA	16P31A0596	DIVYA SRI MEDAPATI
23	26-11-2019	INFOSYS	3.50 LPA	16P31A0510	HAARIKA CHODISSETTI
24	26-11-2019	INFOSYS	3.50 LPA	16P31A05B9	GARAPATI VASAVI
25	26-11-2019	INFOSYS	3.50 LPA	16P31A0574	Chilukuri Vaishnavi
26	18-10-2019 19-10-2019	WIPRO	3.50 LPA	16541A0509	DWARAMPUDI SRI LAKSHMI PRASANNA
27	18-10-2019 19-10-2019	WIPRO	3.50 LPA	16P31A0557	ASHISH KUMAR
28	18-10-2019 19-10-2019	WIPRO	3.50 LPA	16P31A0530	KUMPATLA SWARNAMBIKA
29	18-10-2019 19-10-2019	WIPRO	3.50 LPA	16P31A0531	MAINEEDI SAI SATYA SRI MANJANA
30	18-10-2019 19-10-2019	WIPRO	3.50 LPA	16P31A0571	BOLLA ALEKYA DEVI
31	18-10-2019 19-10-2019	WIPRO	3.50 LPA	16P31A0587	KOKA SINDHUSHA

*A dream becomes a goal, when
is taken towards its achievement*

Internship Minutiae

Student Certification details

S. No	Roll Number	Student	Name	Company Name	Year
1	18P31A0507	A.SAI SARANYA	MTA PYTHON, RED HAT CERTIFIED SYSTEM ADMINISTRATION		2020-21
2	18P31A0541	P. ASHOK	MTA PYTHON, CCNA, AWS CLOUD PRACTITIONER, AZURE FUNDAMENTALS		2020-21
3	19P35A0501	K. USHA RANI	MTA WEB DEVELOPMENT, MTA MEANSTACK, CISCO		2020-21
4	18P31A0516	CH. SAHITHI	MTA HTML, MTA PYTHON, MICROSOFT AZURE AI FUNDAMENTALS		2020-21
5	18P31A0537	M. VAISHNAVI	MTA PYTHON, AZURE FUNDAMENTALS		2020-21

Student Internship details

S.No	Roll Number	Student Name	Company Name	Year
1	18P31A0505	AMIT KUMAR	AUGMENTIK	2020
2	18P31A0513	BITTU KUMAR	TECHHOOK	2020
3	18P31A0599	SUPRIYO CHOWDHURY	TERABOTS	2020
4	18P31A0583	KOVVURI S N G SRIDEVI	PICSHORT	2020
5	18P31A0573	DIPANKAR .M	EDUFABRICA	2020



AMAZON WEB SERVICE

Amazon Web Services is a subsidiary of Amazon that provides APIs and cloud computing platforms. All marked services are distinguished by an extended technical infrastructure of an abstract type, building blocks, and distributed computing options. One such tool is EC2. It allows you to use a virtual PC cluster that is available over the Internet when you need it. The Department appeared in 2006, although development of the startup started four years earlier.

Infosys is a global leader in next-generation digital services and consulting.

We enable clients in more than 50 countries to navigate their digital transformation. With over three decades of experience in managing the systems and workings of global enterprises, we expertly steer our clients through their digital journey. We do it by enabling the enterprise with an AI-powered core that helps prioritize the execution of change. We also empower the business with agile digital at scale to deliver unprecedented levels of performance and customer delight. Our always-on learning agenda drives their continuous improvement through building and transferring digital skills, expertise, and ideas from our innovation ecosystem.



Microsoft

Microsoft Corporation is an American multinational technology corporation which produces computer software, consumer electronics, personal computers, and related services. Its best-known software products are the Microsoft Windows line of operating systems, the Microsoft Office suite, and the Internet Explorer and Edge web browsers. Its flagship hardware products are the Xbox video game consoles and the Microsoft Surface lineup of touchscreen personal computers. Microsoft ranked No. 21 in the 2020 Fortune 500 rankings of the largest United States corporations by total revenue. It was the world's largest software maker by revenue as of 2016.

Mphasis Limited is an Indian multinational information technology services and consulting company based in Bangalore, India. The company provides infrastructure technology and applications outsourcing services, as well as architecture guidance, application development and integration, and application management services. It serves financial services, telecom, logistics, and technology industries.

Mphasis was ranked #7 in India IT companies and overall #189 by Fortune India 500 in 2019.



Workshop Minutiae



APSSDC Workshop on "React JS" for CSE 2nd year Students

APSSDC Workshop on "AWS Cloud Computing" for CSE 3rd year Students



Sports and Games

Volley Ball (Boys)



ADITYA COLLEGE OF ENGINEERING & TECHNOLOGY

International Students Day
Sports Events*Congratulations*VOLLEY BALL
WINNERS
BOYS

ADITYA COLLEGE OF ENGINEERING & TECHNOLOGY

International Students Day
Sports Events*Congratulations*VOLLEY BALL
RUNNERS
BOYS

Throw Ball (Girls)



ADITYA COLLEGE OF ENGINEERING & TECHNOLOGY

International Students Day
Sports Events*Congratulations*KABADDI
WINNERS
GIRLS

ADITYA COLLEGE OF ENGINEERING & TECHNOLOGY

International Students Day
Sports Events*Congratulations*THROW BALL
WINNERS
GIRLS

Kabaddi (Boys)



ADITYA COLLEGE OF ENGINEERING & TECHNOLOGY

International Students Day
Sports Events*Congratulations*KABADDI
WINNERS
BOYS

ADITYA COLLEGE OF ENGINEERING & TECHNOLOGY

International Students Day
Sports Events*Congratulations*KABADDI
RUNNERS
BOYS