



ADITYA
COLLEGE OF ENGINEERING
AND TECHNOLOGY

DEC - MAY 18-19

MIND SPARK

Magazine
sparking
A LEARNING REVOLUTION



Editorial Board

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Asst.Prof

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17P31A1218

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16P31A1204

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15P31A1208

Chairman's Message



Dr. Nallamilli Sesa 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.
I wish you all the best.

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,



Dr.N.Satish Reddy.
Vice-Chairman

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's Message



MR.R V V N BHEEMA RAO

Head of the Department

Today the branch of Information Technology is becoming pervasive as technology is changing rapidly in the field of computer science. So the process of learning should not end with the acquisition of a degree.

INFORMATION TECHNOLOGY

The main source and strength of the department is its faculty, the department maintains the faculty as per the ratio, the main focus of the faculty members is to provide in-depth knowledge to the students in the respective course. The undergraduate program is emphasized on theoretical and practical aspects, apart from these the students are nurtured to participate in online coding competitions like TCS Hack Quest, Microsoft Imagine Cup, etc., the department has taken an initiation to expose the student towards the online coding platforms like Hackerrank, Code Chef. The department possesses computer labs with high end configuration and also CM Skill Excellence Center and also possesses a good placement record. Department of Information Technology organizes various workshops and seminars to the students to get an exposure in par with the trends in technology. Current industry needs a student with an exposure and skill set in Database Management, Artificial Intelligence, Web Development, Cloud Architecture, Project Management, etc., So the program driven by the department is managed to make the student industry ready.

Department mission

- To provide an environment for the development of professionals with knowledge and skills
- To promote innovative learning
- To promote innovative ideas towards society
- To foster trainings with institutional collaborations
- To involve in the development of software applications for societal needs

Department Vision

To be a department with high repute and focused on quality education.

PSO'S

PSO 1:

APPLY MATHEMATICAL FOUNDATIONS, ALGORITHMIC AND LATEST COMPUTING TOOLS AND TECHNIQUES TO DESIGN COMPUTER-BASED SYSTEMS TO SOLVE ENGINEERING PROBLEMS.

PSO 2:

APPLY KNOWLEDGE OF ENGINEERING AND DEVELOP SOFTWARE-BASED APPLICATIONS FOR RESEARCH AND DEVELOPMENT IN THE AREAS OF RELEVANCE UNDER REALISTIC CONSTRAINTS.

PSO 3:

APPLY STANDARD PRACTICES AND STRATEGIES IN SOFTWARE PROJECT DEVELOPMENT USING OPEN-ENDED PROGRAMMING ENVIRONMENTS TO DELIVER A QUALITY PRODUCT.

BLOCKCHAIN TECHNOLOGY

Imagine a world where you can send money directly to someone without a bank – in seconds instead of days, and you don't pay exorbitant bank fees.

Or one where you store money in an online wallet not tied to a bank, meaning you are your own bank and have complete control over your money. You don't need a bank's permission to access or move it, and never have to worry about a third party taking it away, or a government's economic policy manipulating it.

This is not a world of the future; it is a world that an avid but growing number of early adopters live in right now. And these are just a few of the important blockchain technology use cases that are transforming the way we trust and exchange value. We'll get into the rest later on.

Yet, for many, blockchain technology is still a mysterious or even intimidating topic. Some even remain skeptical that we'll use this technology in the future. This skepticism that exists today is understandable because we're still very early in the development and widespread adoption of blockchain technology.

2021 is to blockchain what the late 1990s were to the internet. And like the internet, blockchain technology is anything but a fad, it's here to stay, and if you're reading this, you're early too.

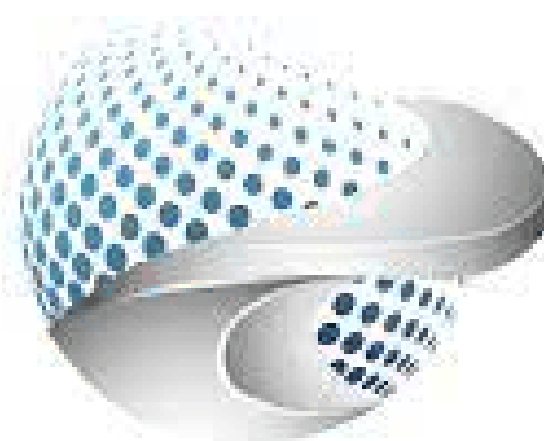
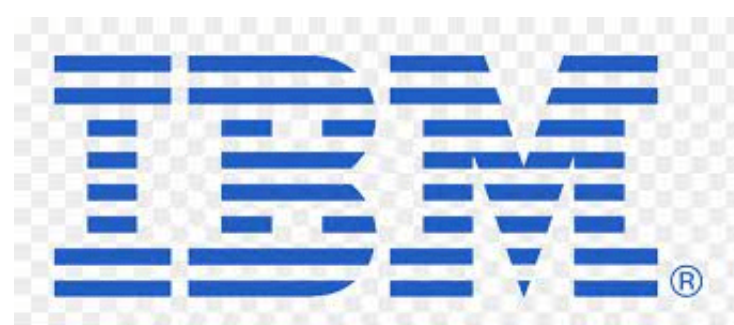
This post demystifies blockchain technology. This is your 'intro to blockchain technology 101'. A complete, easy-to-understand, step by step beginners blockchain breakdown. You'll learn everything from what blockchain is and why it matters, to how blockchain works (step by step) and what today – tomorrow's – most promising blockchain applications may be.

You'll also walk away from this post confident, and well on your way to making informed, independent blockchain technology investment decisions. And you'll be no slouch if you want to hold your own in conversations with family and friends too

PLACEMENT DETAILS



1.	15P31A1222	Kotagiri Anvitha	NTT DATA		
2.	15P31A1224	Miss Kovvuri Sri Anitha Reddy	Path front	Assistant System Engineer	1.80 LPA
3.	15P31A1226	Miss Kovvuri Veena Swaroopa	Genpact	Associate System Engineer	2.40 LPA
4.	15P31A1227	Miss Malireddy Sri Venkatabhaskara Lakshmidivya	Savantis	Associate Trainee Engineer	1.83 LPA
5.	15P31A1231	Miss Nadipalli Savithri Sahitya	Capgemini	Associate System Engineer	3.80 LPA
			Atos Syntel	Associate Consultant	3.50 LPA
6.	15P31A1232	Mr. Namala Sri Rama Aditya	Tech Tammima	Associate System Engineer	1.44 LPA
7.	15P31A1233	Miss Neelapu Sunitha	Ibeon Infotech	Associate System Engineer	2.40 LPA
8.	15P31A1234	Nemani Sowmya Chowdary	Cognizant		
9.	15P31A1243	Miss Talabathula Lakshmi Jyothi	Atos Syntel	Associate Consultant	3.50 LPA
10.	15P31A1244	Talari Gunasekhar	L & T		
11.	15P31A1249	Mr. Velumuri Sainath	TCS	Associate System Engineer	3.56 LPA



APIERO
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DEPARTMENT OF IT & MCA

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15P31A1233
Miss Neelapu Sunitha



Principal, HODs & Staff

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15P31A1244
Talari Gunasekhar



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Kotagiri Anvitha



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15P31A1212
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Swetha



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15P31A1227
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Venkatabhaskara



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Venkata Kalyani



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15P31A1205
Miss Chinthapalli Mahitha
Chowdary



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15P31A1249
Mr. Velumuri Sainath



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15P31A1203
B V V Nagendra Akshay



Principal, HODs & Staff

ADITYA COLLEGE OF ENGINEERING & TECHNOLOGY



FDPS, SEMINARS AND WORKSHOPS

ATTENDED BY FACULTY

2018-2019

S.No.	Name of the faculty	Name of the Event	Name of the organizer	Place/ Location	Dates/ Duration
1	Kovvuri N Bhargavi	Evaluating Student Performance and Designing Question Papers (ICT Based)	NITTTR	Aditya College of Engineering & Technology Surampalem	25-02-2019 to 01-03-2019
2	Kovvuri N Bhargavi	NBA Accreditation	NITTTR	Aditya College of Engineering & Technology Surampalem	22-04-2019 to 26-04-2019



Information Technology

REPUBLIC DAY celebrations



Mind Spark

WOMANS DAY celebrations



Information Technology

STUDENTS PARTICIPATED

IN TECH FEST

Paper & Poster Presentation

1	BONAGIRI VEERA VENKATA NAGENDRA AKSHAY	VEDA 2K18	Paper presentation on image processing	Aditya College Of Engineering, Surampalem	15/9/18
2	BOTLA GAYATHRI	VEDA 2K18	Poster presentation on block chain	Aditya College Of Engineering, Surampalem	15/9/18
3	CHINTHAPALLI MAHITHA CHOWDARY	VEDA 2K18	Paper presentation on crpto currency	Aditya Engineering College(A), Surampalem	15/9/18
4	DARISIPUDI NIHARIKA	VEDA 2K18	Poster presentation on 5G	Aditya Engineering College(A), Surampalem	15/9/18
5	KODAMASIMHAM VIJAY KUMAR	STRIDES	Paper presentation on IOT	Pragati College, Surampalem	9/1/19
6	IRAGANI PRAVEENKUMAR	STRIDES	Paper presentation on DATA science	Pragati College, Surampalem	9/1/19
7	GAMINI VENKATA GANGADHARA SAILESH	STRIDES	Paper presentation on crpto currency	Pragati College, Surampalem	9/1/19
8	GARJI SUPRIYA VENKATA KALYANI	VEDA 2K18	Paper presentation on crpto currency	Aditya Engineering College(A), Surampalem	15/9/18
9	GODAVARTHI VEERA VENKATA PAVAN	STRIDES	Paper presentation on Data science	Pragati College, Surampalem	9/1/19
10	GUNNAM LAKSHMI SAI SWETHA	VEDA 2K18	Paper presentation on IOT	Aditya College Of Engineering, Surampalem	15/9/18
11	HEMANTH YELETI	VEDA 2K18	Paper presentation on Cyber security	Aditya College Of Engineering, Surampalem	15/9/18

13	DESIREDDY DATTA SRIVALLI	VEDA 2K18	Paper presentation on image processing	Aditya College Of Engineering, Surampalem	15/9/18
14	PENUMALLU VAMSI KRISHNA	STRIDES	Poster presentation on 5G	Pragati College, Surampalem	9/1/19
15	PONNAGANTI PRAVALLIKA	VEDA 2K18	Paper presentation on crypto currency	Aditya Engineering College(A), Surampalem	15/9/18
16	AKKIREDDI GAYATRI SOWBHAGYA LAKSHMI	STRIDES	Paper presentation on cyber security	Pragati College, Surampalem	9/1/19
17	BATHULA SUREKHA	VEDA 2K18	Paper presentation on cloud computing	Aditya College Of Engineering, Surampalem	15/9/18
18	BEZAWADA HARI KRISHNA	VEDA 2K18	Paper presentation on mobile computing	Aditya Engineering College(A), Surampalem	15/9/18



Workshop on Progressive Web development using React JS & Bootstrap4

