



Aditya College of Engineering and Technology

Department of
Computer Science and
Engineering

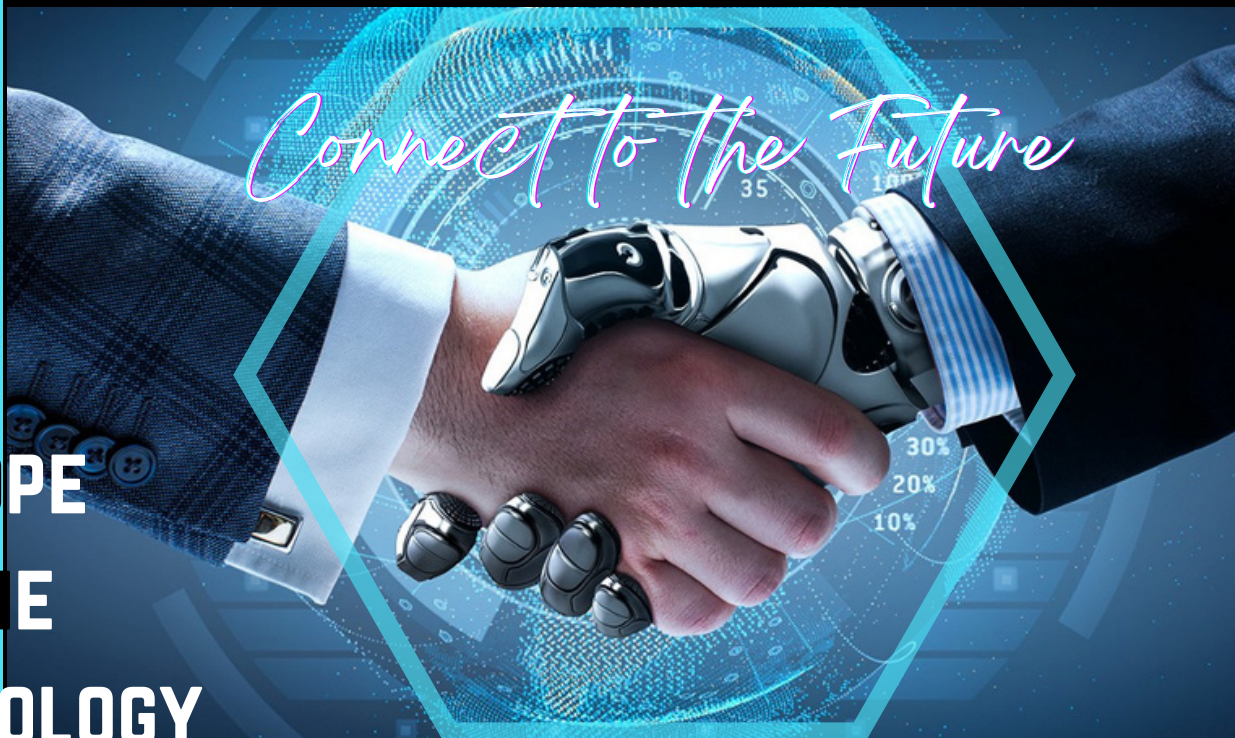
Jun-Nov 2019

SPARKLE

Magazine

Connect to the Future

**SCOPE
THE
TECHNOLOGY**



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18P31A0516

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18P31A0532

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17P31A0502

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. 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 hard my father worked to put Aditya on the academic map of the country during its many stages of expansion, even in the most trying conditions. My master's degree from UTS Australia, the continent's premier university, has given me a better grasp of the educational system. Aditya technical campus in Surampalem was constructed in the aftermath to provide professional education in engineering, technology, management, and pharmacy, with the underlying principle of excellence and quality. The campus has made rapid growth since its beginning in 2001 by upholding its unwavering dedication to advance knowledge and educate students in science and technology. The campus' main goal is to make teaching and research more relevant to the real world. The ultimate aim of Aditya is to make the campus the 'first stop' for companies in the recruitment process. 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.



Dr. N SATHISH REDDY
VICE-CHAIRMAN

Principal's Message



Dr. T. K. Rama Krishna Rao
PRINCIPAL

The major issues we confront can't be handled at the same level of reasoning that we used to create them." Albert Einstein is credited with coining the phrase "theory of relativity." Man can only achieve immortality through knowledge. To stay relevant, knowledge must extend or grow. The road to excellence is the world's toughest, roughest, and steepest. Only quality is required and rewarded in our world. To develop new knowledge, available information must be directed by wisdom and intellect. Education's new duty is to promote creativity. The only way to address current and future problems and discover dynamic answers is to think creatively. Technology should be used to aid in the eradication of poverty around the world. In truth, India is home to 40% of the world's poor. Capacity is a result of confidence.

Miracles are the result of one's faith in oneself. At ACET, education aims to develop character, strengthen the mind, broaden the intellect, and foster a culture of problem-solving. The student is placed through rigorous training so that when he leaves the Institute, he can stand on his own two feet.

HOD Message



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

Computer science has an incredibly broad scope. Students of computer science and engineering are in high demand among leading organizations' recruiters. Our students develop crucial communication and critical-thinking skills through an innovative teaching-learning process, a collaborative approach, and leadership experience. Through Industry Institute Collaboration, our school provides a platform for students to improve their employment skills.

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 analysing the data.

PSO 2: The ability to analyse 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 life style and maintain ethical values



Big data is a combination of structured, semi structured and unstructured data collected by organizations that can be mined for information and used in machine learning projects, predictive modeling and other advanced analytics applications.

Systems that process and store big data have become a common component of data management architectures in organizations, combined with tools that support big data analytics uses. Big data is often characterized by the three V's:

- the large volume of data in many environments;
- the wide variety of data types frequently stored in big data systems; and
- the velocity at which much of the data is generated, collected and processed.

These characteristics were first identified in 2001 by Doug Laney, then an analyst at consulting firm Meta Group Inc.; Gartner further popularized them after it acquired Meta Group in 2005. More recently, several other V's have been added to different descriptions of big data, including veracity, value and variability.

Although big data doesn't equate to any specific volume of data, big data deployments often involve terabytes, petabytes and even exabytes of data created and collected over time.

Companies use big data in their systems to improve operations, provide better customer service, create personalized marketing campaigns and take other actions that, ultimately, can increase revenue and profits. Businesses that use it effectively hold a potential competitive advantage over those that don't because they're able to make faster and more informed business decisions.

Big data is also used by medical researchers to identify disease signs and risk factors and by doctors to help diagnose illnesses and medical conditions in patients. In addition, a combination of data from electronic health records, social media sites, the web and other sources gives healthcare organizations and government agencies up-to-date information on infectious disease threats or outbreaks.

B. Manikalya Rao

Assistant .Professor

OUR FACULTY

Computer Science and Engineering

S.No	Name	Designation
1	Dr. T. K. RAMA KRISHNA RAO	Principal, Professor
2	Dr. R SRINIVAS	Professor
3	Dr. S P RAMA SREE	Professor
4	Dr. CH S V S N MURTHY	Professor
5	Dr. CH SANJIV RAO	Professor
6	Mr M ANIL KUMAR	Associate Professor
7	Ms R SAILAJA	Associate Professor
8	Mr. BOLLU MANIKYALA RAO	Assistant Professor
9	Mr. A MOHAN	Associate Professor
10	Mr. M BHRAMA REDDY	Assistant Professor
11	Ms. SHAIK VAHIDA	Assistant Professor
12	Ms. P PADMAJA	Assistant Professor
13	Ms. NAGARAPU MADHURI	Assistant Professor
14	Ms. R LALITHA	Assistant Professor
15	Ms. S B AMBIKA	Assistant Professor
16	Ms. J D LALITHA SRI	Assistant Professor
17	Ms. N M J DEBORAH	Assistant Professor
18	Mr.G A K S RAJIV KUMAR	Assistant Professor
19	Mr. S S R K M G AMANTHULA	Assistant Professor
20	Mr. L NAGENDRA KUMAR	Assistant Professor
21	Mr. K VENKATESH	Assistant Professor
22	Ms. J L SARWANI	Assistant Professor

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

Technical Events:

S. No	Date	Name of the event	Name of the coordinator/s	Resource person details	No of participants
1	17-09-2019	One Day Guest Lecture on Nano Technology	J.Divya Lalitha Sri	Dr. L Lal Kishore Former Vice-Chancellor of JNTUA,	71
2	20-09-2019	A Seminar on Significance of Patents and Policy Of Intellectual Property Rights	J.Divya Lalitha Sri	Dr. P.S.Ranjit .Ph.D Professor-Dept. of Mechanical Eng.,	100



Department of CSE Organized Guest Lecture



Department of CSE Organized Seminar

Faculty FDPS Attended

S.NO	NAME	NAME OF FDPS	ORGANIZER
1.	M Anil Kumar	Network security	NITTR
2.	N. Madhuri	FDP Software testing tools	AEC
3.	A Mohan	FDP Software testing tools	AEC
4.	M Bhrama Reddy	FDP Software testing tools	AEC
5.	U Nagendra Kumar	FDP Software testing tools	AEC
6.	K Venkatesh	FDP Software testing tools	AEC
7.	R LALITHA	FDP Software testing tools	AEC
8.	S B AMBIKA	FDP Software testing tools	AEC
9.	J D LALITHA SRI	FDP Software testing tools	AEC
10.	J N M J DEBORAH	FDP Software testing tools	AEC
11.	G A K S RAJIV KUMAR	FDP Software testing tools	AEC

“Software is like entropy: It is difficult to grasp, weighs nothing, and obeys the Second Law of Thermodynamics, i.e., it always increases.” — Norman Augustine

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Practice dosen't make a man perfect, Perfect practice make a man perfect

- **N. Madhuri**

Asit.prof

Cloud Computing

Cloud computing is the delivery of different services through the Internet. These resources include tools and applications like data storage, servers, databases, networking, and software.

Rather than keeping files on a proprietary hard drive or local storage device, cloud-based storage makes it possible to save them to a remote database. As long as an electronic device has access to the web, it has access to the data and the software programs to run it.

Cloud computing is a popular option for people and businesses for a number of reasons including cost savings, increased productivity, speed and efficiency, performance, and security.

- **Sk Vahida**

Assit.prof

Placements Minutiae

S. No	DATE	Regd.No	Student Name	COMPANY NAME	SALARY PACKAGES
1	16-08-2019 17-08-2019	16P31A0558	Rachana Pachigolla	LTI	3.50 To 5.00 LPA
2	16-08-2019 17-08-2019	16P31A05C0	Makhdum Ashraf	LTI	3.50 To 5.00 LPA
3	16-08-2019 17-08-2019	16P31A0578	Gandham Naga Santhoshi Sai Nandan	LTI	3.50 To 5.00 LPA
4	16-08-2019 17-08-2019	16P31A0502	Balantrapu Venkata Lahari	LTI	3.50 To 5.00 LPA
5	16-08-2019 17-08-2019	16P31A0546	Sampurna Bhowmick	LTI	3.50 To 5.00 LPA
6	14-08-2019 19-08-2019	16A91A0568	BONAM NAVEEN	MAQ	4.32 To 6.00 LPA
7	14-08-2019 19-08-2019	16P31A0557	ASHISH KUMAR	MAQ	4.32 To 6.00 LPA
8	26-08-2019 27-08-2019	16P31A0449	SIDDA MOUNIKA JYOTHSNA	GGK TECH	Training: 2.40 LPA After Training: 4.50 LPA
9	26-08-2019 27-08-2019	17P35A0502	Satish Durga Shankar Kanakala	GGK TECH	Training: 2.40 LPA After Training: 4.50 LPA
10	8/8/2019	16P31A0521	Padma Kallakuri	TCS NQT	3.36 LPA
11	8/8/2019	16P31A0574	Vaishnavi Chilukuri	TCS NQT	3.36 LPA
12	8/8/2019	16P31A0558	Rachana Pachigolla	TCS NQT	3.36 LPA
13	8/8/2019	16P31A0584	Sunanda Kanamathareddy	TCS NQT	3.36 LPA
14	8/8/2019	16P31A0581	Rajasekhar Goli	TCS NQT	3.36 LPA

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

DATE	COMPANY NAME	PACKAGE	ROLL.NO	STUDENT NAME
12-10-2019 13-10-2019	Hexaware Technologies	3.00 LPA	16P31A0570	<u>Bolla Alekya Devi</u>
12-10-2019 13-10-2019	Hexaware Technologies	3.00 LPA	16P31A0539	PAKKI SIVA SAI PRASANTHI
03-10-2019 04-10-2019	Amazon AWS	19.00 LPA	16P31A0584	<u>Sunanda Kanamatha reddy</u>
15-11-2019 16-11-2019	VAISHNAVI INFORMATION TECHNOLOGIES	4.00 LPA	16P31A05B0	Shubham Kumar Gupta
15-11-2019 16-11-2019	VAISHNAVI INFORMATION TECHNOLOGIES	4.00 LPA	16P31A05B8	Mukesh Kumar
11/20/2019	FULL CREATIVE TECHNOLOGIES	2.75 To 3.00 LPA	16P31A0593	MANCHINISETTI PRAVALLIKA
26/11/2019	INFOSYS	3.50 LPA	16P31A0596	DIVYA SRI MEDAPATI
26/11/2019	INFOSYS	3.50 LPA	16P31A0510	<u>HAARIKA CHODISETTI</u>
26/11/2019	INFOSYS	3.50 LPA	16P31A05B9	<u>GARAPATI VASAVI</u>
26/11/2019	INFOSYS	3.50 LPA	16P31A0574	<u>Chilukuri Vaishnavi</u>
18-10-2019 19-10-2019	WIPRO	3.50 LPA	16541A0509	DWARAMPUDI SRI LAKSHMI PRASANNA
18-10-2019 19-10-2019	WIPRO	3.50 LPA	16P31A0557	ASHISH KUMAR
18-10-2019 19-10-2019	WIPRO	3.50 LPA	16P31A0530	KUMPATLA SWARNAMBIKA
18-10-2019 19-10-2019	WIPRO	3.50 LPA	16P31A0533	MALNEEDI SAI SATYA SRI MEGHANA
18-10-2019 19-10-2019	WIPRO	3.50 LPA	16P31A0570	BOLLA ALEKYADEVI
18-10-2019 19-10-2019	WIPRO	3.50 LPA	16P31A0587	KOKA SINDHUSHA
12/20/2019	WEB SYNERGIES	3 to 3.2 LPA	16P31A0522	KALTURI SATYA DEVI
21-12-2019 22-12-2019	RAYBIZ TECHNOLOGIES	2.40 LPA	16P31A0520	KALIDINDI RAHUL VENKATA BABA

12/26/2019	SAVANTIS SOLUTIONS	3.50 LPA	16P31A0512	DEBOLINA PAUL
12/26/2019	SAVANTIS SOLUTIONS	3.50 LPA	16P31A0595	MAVURI SAI SUSMITHA
10-01-2020	Tech Mahindra	2.6 To 3.25 LPA	16P31A0512	DEBOLINA PAUL
10-01-2020	Tech Mahindra	2.6 To 3.25 LPA	16P31A0593	PRAVALLIKA MANCHINISSETTI
10-01-2020	Tech Mahindra	2.6 To 3.25 LPA	16P31A0561	NINEESHA BHAVANI ADIREDDY
10-01-2020	Tech Mahindra	2.6 To 3.25 LPA	16P31A05B5	YAMINIMANI DEEPIKA YARRA
10-01-2020	Tech Mahindra	2.6 To 3.25 LPA	16P31A0538	PRAVALLIKA SATYASRISAI NIMMAGADDA
10-01-2020	Tech Mahindra	2.6 To 3.25 LPA	16P31A0516	SAI CHANDANA GUTTULA
10-01-2020	Tech Mahindra	2.6 To 3.25 LPA	16P31A0537	NAVIN KUMAR SINGH

Achievement Minutiae

Student Event Achievements

S. No	Name of the students	Name of the event	Topic	Venue
1	Vinay Nalli	Veda2K19	Poster Presentation Human Machine Interface	Aditya Engineering College(A), surampalem, AP
2	R. S. P.Chandra	Veda2K19	Poster Presentation Human Machine Interface	Aditya Engineering College(A), surampalem, AP
3	P. S. V Priya	Veda2K19	Poster Presentation Human Machine Interface	Aditya Engineering College(A), surampalem, AP
4	Ch. Rohit Venkat	Veda2K19	Poster Presentation Human Machine Interface	Aditya Engineering College(A), surampalem, AP

Student Internship details

S. No	Roll Number	Student Name	Company Name	Year
1	18P31A0505	AMIT KUMAR	AUGMENTIK	2019
2	18P31A0513	BITTU KUMAR	TECHHOOK	2019
3	18P31A0599	SUPRIYO CHOWDHURY	TERABOTS	2019
4	18P31A0583	KOVVURI S N G SRIDEVI	PICSHORT	2019
5	18P31A0573	DIPANKAR MANDAL	EDUFABRICA	2019



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.



NSS ACTIVITIES

DEPARTMENT OF CSE STUDENTS PARTICIPATED IN VARIOUS NSS EVENTS



*Plantation of saplings at
Anmuru village, Peddamuram*



*In partnership with General Hospital
Kakinada blood donation camp kakinada held
a blood at ACET*

Workshop Minutiae



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

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



Faculty Zone

Department of CSE Faculty International Journals (SCOPUS):

1.Mounika, R., Kavitha, K., Lalitha, R.V.S., An effective system to detect fake research, International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-9, Issue-1, November 2019,pp 2971-2975.

2.Abhishek Reddy, B., Kavitha, K., Manukonda, A.D., Lalitha, R.V.S., Krishna Rao, N.V., Semi-equalizing load in multi-hop wireless networks, International Journal of Innovative Technology and Exploring Engineering (IJITEE)ISSN: 2278-3075, Volume-9, Issue-1, November 2019, 3047-3051.

3. Kavitha, K., Lalitha, R.V.S., Suneetha, T.V., Usha Sree, Counterfeiting threats in IoTInternational Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-9, Issue-1, November 2019,pp 2990-92.

4 .Kavitha, K., Lalitha, R.V.S., Lalitha, J.B., Suneetha, T.V., Data offloading for effective rescue operations during fire disaster management, International Journal of Engineering and Advanced Technology (IJEAT) ISSN: 2249 – 8958, Volume-9 Issue-1,October2019,5319-5321.

<https://www.ijeat.org/wpcontent/uploads/papers/v9i1/A2965109119.pdf>

Faculty FDP/webinars/Seminars:

1	Mrs K S B AMBIKA	FDP - Object Oriented Analysis and Design	NPTEL	Online	Aug-Oct 2019/56
2	Mr Chakka SVVSN Murthy	Workshop-NIRF	Aditya College of Engineering & Technology	Surampalem	17-10-2019/1

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Students Testimonials



K.Meher Supreeth

16P31A0589

'O" Try to make you see in a good place" Aditya college is one of the biggest colleges with 180 acres which is providing good facilities for the students for studying, doing enterpenuirship, improving our soft skills, improving our technical skills with T-HUB, Leadership foundation, our college, veda etc. We are getting a very good knowledge in our own groups. The interaction with the teachers is very good. Every teacher is like a father or mother and every student is a brother or sister. I thank Aditya Group for putting the whole big family in a single place called Aditya Group of Institutions



B.V Lahari

16P31A0502

Don't wait for an opportunity create it ' is what Aditya is teaching me about. This world is full of challenges my college and its team are doing a tremendous job in teaching the students not only from our state nor India but from different countries the way to face them and make their own life. A colorful one. Through C.R.T classes and many projects and workshops we are trained to take up on any kind of challenge. Aditya is helping me in many ways to pave my path towards a bright future.

Gallery

