

# **SANKALP**

E-Newsletter of (JANUARY TO JULY 2021)



- Chairman's Message
- FacultyCorner
- Online DigitalClass
- Quiz anddebate
- Institutionalwebinar
- Student Feedback
- Creative corner
- Internship
- Workshops &Webinar
- Culturalactivity
- Online test

## ABOUT US

Aravali College of Engineering and Management was founded in the year 2008 with a vision to become one of the finest institution in the country, in the field of technical education and research; through focused, effective and sustained efforts and programmes. The main aim of the institute is to provide excellent quality technical and managerial education not only to the students from Delhi/NCR region but also from all over the world.

## **COURSES OFFERED**

# Four years B.Tech degree is offered in the streams of

Computer Science Engineering

Electronics and Communication Engineering

CSE (Artificial Intelligence and Machine Learning)

Civil Engineering

Mechanical Engineering

## Three-year courses

**Bachelor** in Computer Applications

**BCA** Data Science

Bachelors of Business Administration

**BBA** General

BBA Financial Services and Banking

## Two-year degree courses in

Masters of Business Administration











## CHAIRMAN'S MESSAGE



#### Sh. Dhan Singh Bhadana

As we all know that education, business, profession, in fact, everything is changing at a fast pace globally. We need to be at the right place at the right time or we will be sleft behind. Hence the need arises to impart high quality education supplemented with the latest infrastructuresince

it gives us a chance to exploit future opportunities. That is what our college focuses on and we know that by putting the right people on the job we can make it a big success story. The focus is on a balanced education that encompasses on tradition of ethics and on the needs of a changing world.

Today, more than at any time in history, technology is changing. It has the power to transform economic, social, cultural and environmental situations of our country, so that all our countrymen may have food, shelter, education, healthcare and employment within a given time-frame. Aravali College of engineering & Management, Faridabad, is dedicated to the task of making India a knowledge society: to create scientists and engineers of proven capability. The main goal is that the child not only becomes a successful individual in the vibrant and dynamic environment, but also becomes a better human being that will make him a responsible citizen upholding our values and ethics. The college aims at the complete holistic development of your child. I invite you to explore this unique and fulfilling field of study and join hands to realize your dream of becoming an achiever as well as a good human being. Looking forward to your cooperation.

## HARD WORK IS THE KEY TO SUCCESS

Hard work is the most important key to success. Achievements without hard work are impossible. An idle person can never gain anything if they sit and wait for a better opportunity to come. The person who is working hard is able to gain success and happiness in life. Nothing is easy to be achieved in life without doing any hard work.

The Edison was working for 21 hours a day, and he sleeps only for 2 or 3 hours on the laboratory tables with his books as his pillow. The prime minister of India late Pt. Nehru, he was working for 17 hours a day and seven days a week. There were no holidays on his calendar. The Mahatma Gandhi Ji worked ceaselessly day and night and he won freedom for his country. The hard work is a price that we pay for success in life.

The constant vigilance and preparedness to work is the prices we have to pay for success in life. Work is a privilege and a pleasure, the idleness is a luxury that no one can afford. Man is born to work and prosper in life. He like steel shines in use and rusts in rest. The work is worship. The man of action acts in the living present. There is no tomorrow for him. He makes the best of the time. Life is full of strife. It is the action, activity of law of nature. A life of idleness is a life of shame and disgrace. Idle men are intruders on society. We are endowed with brain and limbs, which are meant to be properly exercised. The failure in life is very often due to idleness. The Industry is the key to success, Industry makes and idleness mars anation.

Greatness can be achieved by great labor only. What a man earns by the sweat of his brow gives him a greater degree of satisfaction than what he gets by a stroke of fortune. The man wishes to have many things in their life. These latter things acquired by hard toil are much than those who get by accident. When a man earns by dint of toil; he enjoys a pleasurable sensation which is equivalent to the joy of having won a victory o this pleasurable sensation, the man who has been born with a silver spoon in his mouth knows nothing. A self-made man is certainly happier and more esteemed than the man who owes his fortune to the accident of his birth.

Not poverty but the idleness is a great curse. If we waste time, time shall waste us. A life crammed with work is a life bubbling with the joy of success. Great men of the world were born in cottages but they died in palaces.

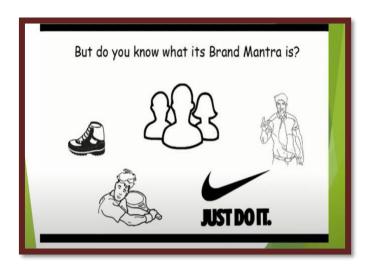
America's famous president Abraham Lincoln was born in a log cabin in the forest. He could not afford a lamp and read borrowed books with the light of the fire in the hearth. And yet by dint of hard work, he rose to be the greatest man of his time. Stalin, the late prime minister of Russia, was the son of a mere cobbler.

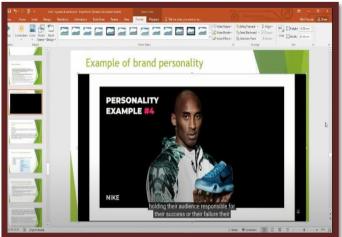
Ms. Shweta Sharma
ASSISTANT PROFESSOR
Department of Management Studies

## ONLINE CLASSES

During this Lockdown period, our faculties have been continuing their teaching by using different online teaching platforms like Google classroom, Zoom and various other ways. Teachers also provide teaching materials, Assignments etc. in the form of audio, audio-visual or other digital documentary modes. Teachers have also taken their respective lab classes through different online portals like Virtual Lab, Whiteboard etc. by providing their lab assignments.







## WEBINAR'S CONDUCTED

## Department of Management Studies Conducted Webinar on Growing opportunities in Capital Market

Name of the Resource Person: Mr. Harbinder Singh Sokhi, (BSE IPF)

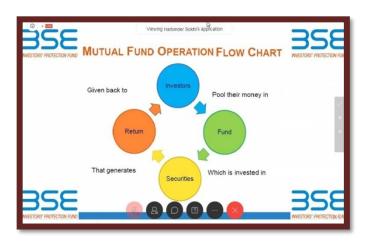
Topic of the Webinar: Growing opportunities in Capital Market Post Covid

**Objective:** The objective of this session is to create awareness of capital market and bridge the gap between the investors and prospective investors with the regulator, exchange and depository.

Date: February 22, 2021 (Thursday)

**Details:** The program is normally of about 2-hour duration and covers the growing opportunities arising post covid in Capital market and the safeguards that they need to follow while dealing in various Investment Products.





#### WEBINAR ON SHARE MARKET

Name of the Resource Person: Venkata Sri Harsha, Founder of Shine Projects.

**Topic of the Webinar:** Basic concepts of share market

**Objective:** The objective of this session is to create awareness regarding stock market its functioning.

#### Date: 22<sup>nd</sup>June (Tuesday)

#### **Details:**

The speaker started with a motivational quote. He introduced himself to all the participants and told us about his success story and how he get to known about the share market and also how he built his portfolio in the share market. He told us the basic concepts of share market, how it works e.t.c.



**Topic of the Webinar:** How to become more employable

Name of the Resource Person: Prof. Rajender Rawat

**Objective:** The objective of the webinar is to aware the students about how to become more employable and discuss some important skills.

Coverage: All students of Aravali college of engineering and management

**Timings:**11:00 a.m. to 1:00 p.m.

Date: July 24, 2021 (Saturday)

**Details:** The program is normally of about 2-hour duration and covers the following points.

Keep Your Resume Up-to-Date

Brush Up on Your IT Skills

Believe in Yourself

Be Proactive

Build-up Network.



## Department of Applied Science & Humanities Conducted

#### Webinar on

## **Artificial Intelligence and Machine Learning**

Topic of the Webinar: Artificial Intelligence & Machine Learning (Skills, Opportunities & Trends)

Objective: The objective of the webinar was to make students aware about the skills, trends and opportunities involved in Artificial Intelligence & Machine Learning.

Coverage: All students of Aravali College of Engineering & Management

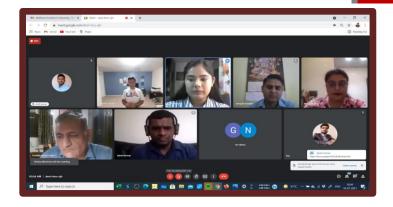
Timings: 09:00 AM to 10:00 AM

Date: 10<sup>th</sup> July,2021

Details: The program was normally of about one hour and covers the following points:-

- Basics of AIML.
- How was AIML discovered.
- How AIML will shape up career in future.
- Skills set required.
- How AIML is applicable in sports, photography, automobiles, robotics and
- Social media.





## **CSE DEPARTMENT**

## TECHNICAL ACTIVITY PROGRAM(TAP)

The Technical Activity Committee of Computer Science and Engineering Department has been working to provide opportunities to enthusiast students to go beyond the academic boundaries of curriculum. The TAP gives opportunities to our students to choose their areas of interests through TAP. It's important to show students that computer science can be fun, rewarding, and even social. One of the primary challenges with computer science is the perception that it primarily involves hours of typing behind a computer screen. It can be difficult to realize the reward of creative freedom a software engineer has—and the impact she can have on his/her community (and the world) if She/He chooses. We give our students the freedom to try various activities to see which area of computer science they enjoy best.

Every Monday Computer Science and Engineering Department organized Technical activities for our Students.

#### Faculty Coordinator:

- Ms. Antim Panghal (Assistant Professor (CSE))
- Ms. Rashika Singh (Assistant Professor (CSE))
- Ms. Meghna Chaudhary (Assistant Professor (CSE))

Following Events were organized by Faculty and Students of the CSE Department during April 2021 to July 2021

- Project Presentation Competition organized by Ms. Antim Panghal on 14<sup>th</sup> April 2021 .A total of 4 students from B.Tech CSE Participated in the Project Presentation Competition.
- Introductory Lecture on PYTHON delivered by a student SANJEEV FROM B.Tech CSE 6<sup>TH</sup> SEM organized by Ms. Antim Panghal on 25<sup>th</sup> April 2021.
- Technical Debate "IS TECHNOLOGY MAKING US MORE DISTANT THAN CONNECTED TO PEOPLE" organized by Ms. Meghna Chaudhary on 3<sup>rd</sup> may 2021 .A total of 3 students from BCA Participated in the DEBATE.



- Technical Debate on Cloud Computing vs Distributed Computing organized by Ms.
   Meghna Chaudhary on 14<sup>th</sup> june 2021 . A total of 5 students from B.Tech CSE and BCA Participated in the DEBATE.
- Technical GK Quiz organized by Ms. Rashika Singh on 19<sup>th</sup> July. A total of 6 Students from B. Tech CSE participated in the QUIZ



## Placement Cum Internship Details B.Tech CSE (2021)

Aravali College aims to match the requirements of the Corporate World with the aspirations of the students thereby facilitating the achievement of synergy between the two. There are various Placements activities that are conducted throughout various semesters to make them industry ready. At ACEM, it is our belief that experiences of corporate leaders provide invaluable learning to the students of engineering and management. Internship plays a major role in gaining hands-on experience at various industries. There is a well-equipped Student Career & Development Cell which facilitates training related to employability skills at all levels. Over the year ACEM campus placements has seen an upward marching graph while longing for better placements of students in Core industries. About 80% of eligible students are placed every year. We also take pride in sharing some of the best placements at Companies likes TCS, Wipro, BYJU'S and Core organizations.

A glimpse of student's achievement for this year is shared below:

- 1. Tashu Rastogi, Shubham Bera, Lalit Dembla and Sohana Tarafder got selected at TCS.
- 2. Bharti got selected at BYJU'S.
- 3. Dipty Singh got placed at WIPRO.
- 4. Rohit Prabhakar got placed at Maksat Technologies Pvt Ltd. (Bharti Airtel).
- 5. Ajay Kumar Singh got selected at Famstar Software Pvt. Ltd.
- 6. Ram Babu Yadav got selected at KIGS Technologies.
- 7. Anjali got selected at Extension Technologies.

8. Ayushi Varshney got placed at Tripazi.

# Department of Electronics and Communication Engineering conducted National Webinar on Industrial Automation using IoT in India

Topic of the Webinar: Industrial Automation using IoT in India

**Details**: Mr. Pawan Kumar delivered detailed hands on session on **Industrial Automation using IoT in India,** specifically he described the applications of IoT in Indian Railways. He also described various live projects using coding. He presented informative video of CRIS, Northern Railways and demonstrated live projects of railways.

Coverage: All students of Aravali College of Engineering & Management

**Timings**: 3 PM to 5 PM

**Date**: 12<sup>th</sup> June, 2021





**Trends & Demand for Electronics Engineers** 

Topic of the Webinar: Job Trends & Demand for Electronics Engineers

**Details**: Mr. Amit Bisaria, Design Engineer, Intel Bangalore delivered session on Job Trends & Demand for Electronics Engineers, specifically he described about the semiconductor devices. The field of electronics engineering opens great career prospects for the aspirants willing to make

their career in electronics engineering. Aspirants after completion of their degree can avail various electronics engineers employment opportunities.

Coverage: All students of Aravali College of Engineering & Management

**Timings**: 3 PM Onwards

**Date:** 9<sup>th</sup> July,2021



Seminars / Sessions Attended by students (JAN – JUNE 2021)

Session on "How to Crack the Upcoming Placements" in 45-60 days by Mr. Durga Naveen Kandregula, CEO- COIGN & Speaker organized by the team" Career Talkz".

- 1. Session on Yoga to celebrate "International Yoga Day" was organized by the college on 21st June 2021.
- 2. Webinar on "How to handle stress" by Dr. Sunaina Singh (Ex-Army Officer) was organized by Student Career Development Cell on 18th June 2021.
- 3. Industry session on "Enabling skill sets of the future Cyber Security" hosted by CISCO on 18th June 2021.
- 4. Session on Career advice to my younger self; by Rajeev Palanki, Leader, IBM India Software Labs on 17th June 2021.
- 5. Students attended webinar on "Your Future in Big Data Hadoop and Data Science "Career Outlook for 2021 by Nitin Saini, Technical Head, Froyo Technologies on 29th May 2021.

- 7. 2nd and 3rd year engineering students participated in virtual internship in Cyber security Organized by CISCO, AICTE and NASSCOM Future Skills Prime through CISCO Networking Academy program in March 2021.
- 8. Webinar to learn the benefits of a technology career and learn how job seekers can switch to More fulfilling career "Women Rock- IT" was organized on 18th February by CISCO Networking academy.
- 9. One-week virtual training classes were organized by NIIT for CCNA on 5th February 2021.
- 10. Webinar on "Interview Preparation" by Ravish Malhotra (Learning and Development Expert)For final year students was organized by Training and Placement Cell on 12th Jan 2021.

## **NPTEL Online Courses**

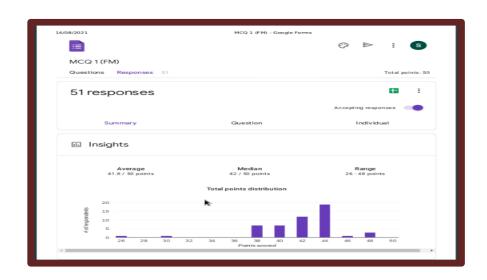
Besides Digital Classes conducted by the college faculties, students have also registered for online courses in NPTEL, approved by AICTE. They are increasing the knowledge through NPTEL videos and lectures, then testing them with assignments and quizzes. And all these students are thriving under the guidance of our Faculty Members.

Sr. No.				
	Student Name	University Roll Number	MOOC Course Name	
	AANCHAL		Principles of Human	
1	CHANDILA	19011701001	Resource Management	
	AASHISH		Principles of Human	
2	ARORA	19011701002	Resource Management	
3	ABHISHEK	19011701003	Consumer Behaviour	
4	AJAY YADAV	19011701005	Service Marketing	
			Principles of Human	
5	ANJALI NEGI	19011701008	Resource Management	
			Principles of Human	
6	ANURADHA	19011701010	Resource Management	
	BARKHA			
7	UPADHYAY	19011701011	Consumer Behaviour	
	BEENA			
8	KUMARI	19011701012	Consumer Behaviour	
9 1	DHRUV GOYAL	19011701014	Consumer Behaviour	
	DIKSHA			
10	SHARMA	19011701015	Consumer Behaviour	
	JAYANT		Customer Relationship	
11	KAUSHIK	19011701017	Management	
12	KAJAL YADAV	19011701020	Consumer Behaviour	
	KHUSHAL		Principles of Human	
13	TANEJA	19011701021	Resource Management	
			Principles of Human	
14	LAKSHMI	19011701022	Resource Management	

15	MANISH SINGH	19011701026	Consumer Behaviour	
	MOHAMMAD		Global Marketing	
16	ALI	19011701028	Management	
			Principles of Human	
17	MOHIT KUMAR	19011701029	Resource Management	
			Principles of Human	
18	NAINA	19011701030	Resource Management	
19	NEELAM	19011701032	Consumer Behaviour	
20	NITIKA GAUR	19011701036	Consumer Behaviour	
	PIYUSH			
21	KUMAR	19011701037	Consumer Behaviour	
22	PRIYA RANJAN	19011701038	Consumer Behaviour	
23	RAHUL GARG	19011701040	Consumer Behaviour	
			Principles of Human	
24	RINKI	19011701042	Resource Management	
	RITIKA		Principles of Human	
25	MISHRA	19011701044	Resource Management	
26	SAGAR BAISLA	19011701045	Consumer Behaviour	
	SHUBHAM		Global Marketing	
27	SHARMA	19011701047	Management	
28	SIMRAN	19011701049	Consumer Behaviour	

## **ONLINE TEST**

Total number of online test organized: 506 Beside regular assignments, Faculty Members of all the departments of Aravali College have conducted online tests on various digital platforms like Whiteboard Google Forms, Flexi Quiz etc. This helps both Faculty Members and students to keep track of students progress report.



# Department of Management Studies

## **Online National Conference**

# on Innovative Trends in Management '2021' MAY 1st, 2021 (Saturday)

## ABOUT THE CONFERENCE

"Knowledge with action converts adversity into prosperity." — Abdul Kalam Dissatisfaction and Problems always leads to innovation. Thus, Innovation is increasingly being seen as the currency of 21st century. The NCITM 2021 provides a common platform to all the industry experts, academicians, research scholars and students to express their views and share their expertise knowledge about innovation. Also in this highly challenging economic scenario, the future

prosperity of India is solely dependent on innovation, change and creativity.

#### **OBJECTIVES:**

The aim of conference is to provide a rendezvous for academicians, researchers, test developers, industrialist, university representatives, consultants and management students from around the globe to exchange ideas, meet fellow researchers working in diverse fields and generally help resolve the problems faced by the corporate world. The innovations in practices of business need to be tested on many grounds such as legal, political and social apart from economic development norms. Researchers and academicians with their research try to bridge the gap between theory and practice.

#### VENUE FOR THE CONFERENCE

#### **Online through Google Meet**









# VIRTUAL INTER COLLEGE FEST VIVRTI 2K21 –SUMMER FESTI-VISTA

(June 04-06, 2021)

ACEM has organised an Online Inter-College Cultural-Techno Fest "FESTI VISTA" from June 04,2021 to June 06,2021. 300 plus students of various colleges from Delhi-NCR have participated in this virtual event. Various events like Singing , Dancing , Quiz, Book redefinition, Innovation from waste , Meme war, etc have been organised. Faculty coordinators judged the event on basis of predefined criterion. Details of participants, their video and pictures were displayed on virtual platforms like instagram and facebook.

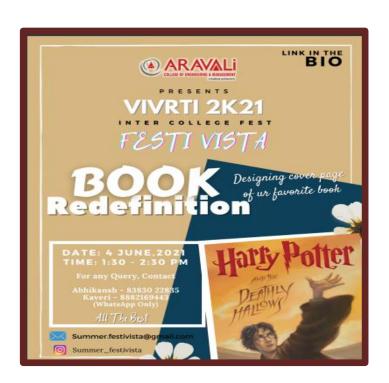
At the end of the event E-Certificates and Prize money has been distributed among students. Some motivational amount is given to student coordinators also for their contribution in organising, conducting and coordinating these virtual events.

Shweta

(Head-Cultural Event Coordinator)

#### **ACEM**











## Swachhata Pakhwada

Swachhata Pakhwada as a part of Swachhta Abhiyan was initiated, with the objective of bringing a fortnight of intense focus on the issues and practices of Swachhata –meaning cleanlinss.

Swachhta Pakhwada started in April 2016 with the objective of of bringing a fortnight of intense

focus on the issues and practices of Swachhta by engaging GOI Ministries/Departments in their jurisdictions.

#### Suggested Swachhta Activities for AICTE, UGC and HEIs during SwachhtaPakhwada 2021

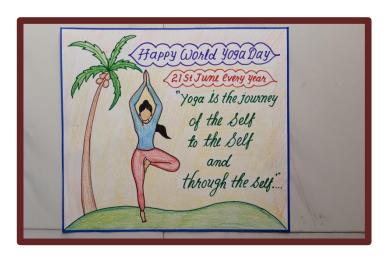
- ☐ Swachhta pledge taking ceremony
- ☐ Plantation of saplings (with high CO2 absorption rate)
- ☐ Development and presentation of innovative technologies for wasterecycling, energy conservation etc., if any
- ☐ Competitions regarding swachhta speech, poster making, slogan writing,etc.
- ☐ Organisation of cleanliness drive in campus
- ☐ Online competitions regarding water conservation speech, poster making, slogan writing, etc.
- ☐ Online Talk show on swachhta create awareness among students on allaspects of Swachhta personal, physical, mental, environmental, societaletc.

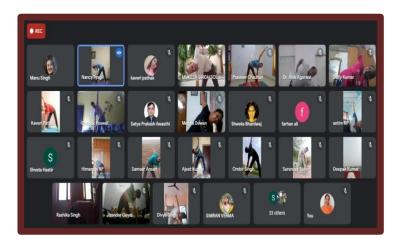




## **Cultural activity**

Session on Yoga to celebrate "International Yoga Day" was organized by the college on 21st June 2021.





## **Independence Day Celebration**

Independence day was celebrated at Aravali college on 14/Aug/2021, on this occasion the sacrifice made by our freedom fighters was remembered and chief guest Mr. Sanjay Rathi Head of Union of Journalist, Haryana addressed that to serve a nation one must perform their duty well.





## **Tree Plantation**



#### STUDENT FEEDBACK

Excellent Infrastructure with lots of facilities. I would definitely recommend this college as my experience was superb. Best faculty members always supports you not only in studies but as well in other activities provide necessary guidance. Take care of cleaning and hygienic place as well as good food in canteen. Better placement opportunities you will get in this College I also get placed in a start up Company Innolabz venture Pvt ltd Noida With the salary package of 4.2per annum. Overall a nice college to grow and build your career path. You can join without any

second thought and enjoy the college life with an amazing college

Barkha
(Senior HR Executive)

#### Innolabz venture Pvt ltd

Aravali has a very congenial atmosphere for self development. Institute has committed professional faculty and always ready to help. Institute inspires and motivates to achieve our goals and lastly institute discreetly ensures girls' safety.

#### Sapna Silwal

#### Alumni

My time in college has enriched my life in many ways. It has provided me with the necessary tools to enhance my skills more, taught me valuable knowledge about this diverse world and people and concepts in general and eventually will enable me to hopefully become more successful in life when I finally graduate and get my degree. All these aspects of college have also made me better-rounded as a person. Currently, I am working with IGT Solutions (formerly InterGlobe Technologies) as Software Engineer from last 1.8 year.



Yukti

#### (Software Engineer)

#### **IGT Solutions**

Aravali College of Engineering & Management has taught me fundamental things - the learning never ends. Teachers are very supportive and motivated. In this college you can find that they focus on the job oriented things i. e aptitude, personality development class and develop our overall personality. The college management is so concern about the security of girls. Now I am working in Capgemini as an analyst.



#### Neha Jha

#### (Analyst)

#### Capgemini

"One of the best colleges for B.Tech in Delhi NCR, pursuing B.Tech Computer Science from Aravali taught me a lot." College has all the necessary infrastructure, facilities & equipment too. We did not have any problem regarding infrastructure & any other thing. College is well maintained. Teachers are very helpful and supportive. For placement point of view Aravali college is one of the best among all the colleges in Delhi NCR. Their main aim is that everyone should gets placed. Fee structure is good & value for money as compare to other colleges and yearly scholarship is also provided to meritorious students and rank holder in University exams. Campus life is the great, security is round the clock, here students can engage in different activities, annual Fest, Seminars, Sports day etc are conducted annually for all round development of students.



Akshun K C (Jr. Android App Developer)

#### Roboslog Pvt. Ltd.

Top college in Delhi-NCR in terms of Quality of education, experienced faculty, Expert mentors. Best part about Aravali is that they have given me quality of education but also helped me to build my overall personality. I want to appreciate PDP (personality development program) classes which helped me a lot to understand my strength and weakness. The extra-curricular activities Under PDP cell made me a true leader to face any real life challenges. All thanks to Manu Ma'am, Shilpa Ma'am, Sanjay sir who are responsible for making me who I am right now.



Ashish Nayak

(Business Executive)

#### Smart School Education Pvt. Ltd.

College faculties are very helpful, motivating and responsible. Bus facilities are very good. Bus comes in time and also to the nearest bus stops available for anyone. Having Industrial visits was very knowledge and a plus point for us to know about the industries.



Ananya Singh
(Salesforce Developer)

#### 360 Degree Cloud Technologies

From the beginning of college, we are given some responsibilities thus increasing my leadership quality. They encourage us a lot for indulging in co-curricular activities and in academics too which enhance our overall personality.



Vaibhav Kapoor (Business Development Executive)

#### **Damco Solution Pvt. Ltd.**

When I entered the college for the first time I was a shy kind of student, and not able to talk in a group, but special personality development classes groomed me in a right manner to overcome

my fears. Thanks Aravali.



Ankit Aggrawal
SEO Developer
CareerGuide.com
(Catalog Educational Services Pvt. Ltd.)

"It was a nice experience in Aravali College. College life is the best part of anyone's life. This College not only shaped my personality but also my thoughts and vision. I had no idea what I would become\_or\_do when I stepped in this college . Today I have a successful career and working as a Software Developer in a growing organization. College make us capable enough to grab any opportunities that comes our way".

Himani Goel
(Salesforce Developer)
360 Degree Cloud Technologies

## STUDENT TALK



My experience with Aravali has been very gratifying. At first I thought, how am I going to survive the online sessions, but from the moment it started it proved to be interactive and well ordered. The teaching staff is so cooperative and make a comfortable place for the learners of any stage. Through this virtual learning, I am learning to be self disciplined and this institution is enlightening me to different realm of technology. I can't wait to join the campus physically as soon as possible.







College is a place where every student comes with several dreams with the hope to make them true. I put my first step in Aravali college with the same hope, and all of my dreams are coming true with the support and guidance of faculty members. It has been a great pleasure to be a part of this Institute at just the very beginning of my career. I am happy because I feel I am at the right place where I can build a bright future.



