Join us to **expand yourself**
beyond possibilities

ARAVALI COLLEGE OF ENGINEERING & MANAGEMENT

Jasana - Tigaon Road, Greater Faridabad 121101

Tel: 8527753334, 35, 36   E-mail: info@acem.edu.in

www.acem.edu.in

Prospectus

ARAVALi
COLLEGE OF ENGINEERING & MANAGEMENT
creating achievers

Approved by A.I.C.T.E., Ministry of HRD, Govt. of India and Affiliated to M.D. University, rohtak

From the Desk of Chairman

As we all know that education, business, profession, in fact, everything is changing at a fast pace globally. We need to be right there or we will be left behind. Hence the need arises to impart high quality education along with the latest infrastructure, that is what our college focuses on and we know that by putting the right people on the job we can make it the biggest success story of our times. Our 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 our countrymen may have food, shelter, education, healthcare and employment within a given time-frame. Aravali College of Engineering and Management, Faridabad, is dedicated to the task of making India a knowledge society; to create scientists, engineers and managers of proven capability.

The main goal is that the child not only becomes a successful individual in this vibrant and dynamic environment but also becomes a better human being that will make him responsible and a good citizen upholding our values and ethics while maintaining their separate identity. The College aims at complete holistic development of a child. Our emerging profile is to equip our students and teachers with talent. Technologies and resources are developed so that they are ever ready to help our corporate sectors and for emerging as the leaders in the global market. I invite you to explore this unique and fulfilling field of study and join hands to realize the dream of becoming the next knowledge super power. Looking forward to your co-operation.

Dhan Singh Bhadana
Chairman

" The greatest gifts you can give your children are the roots of responsibility and the wings of Independence
-Denis Waitley "

From the Desk of Director-Principal

Dear Students,

Congratulations on joining the Aravali College of Engineering and Management (ACEM) family. On behalf of the institute I welcome you all to ACEM Faridabad, where we pursue excellence in all the institute activities in an attempt to transform young students into responsible and professional engineers/managers with a sense of social responsibility, human values and concern for environment.

The contemporary design of our state-of -the-art labs, smart classrooms, meeting spaces, research and teaching areas etc., is an integral expression of our commitment to creating a physical environment that can sustain the production of learning and knowledge in the 21st century. We continuously strive to train the students to become excellent scientists, engineers, technologists, thinkers, managers and leaders of the society. It has been our constant endeavor to instill in our students ethical values there by making them socially responsible citizens. In addition to developing scientific and managerial skills, students are also encouraged for entrepreneurship.

ACEM is approved by AICTE and affiliated to M.D. University, Rohtak and offers a four year B.Tech programme in four branches, viz., Computer Science and Engineering, Electronics and Communication Engineering, Mechanical Engineering and Civil Engineering. The institute also offers a three year BBA programme and a two year MBA programme. Along with theoretical classes the students are given practical knowledge through most advanced state of the art laboratories and field work in all the disciplines. The rich and unique learning environment develops the student physically, intellectually and emotionally

The institute has a very active training and placement cell which takes numerous special initiatives to prepare the students for placements with aim that every student gets at least one offer letter by the time them leave the institute. The institute also conducts faculty development programmes and organizes workshops, seminars and symposia in collaboration with well reputed organizations to provide exposure to the students as well as the faculty. We are sure that the excellent academic environment and the opportunity to participate in co-curricular activities will also help you in developing your personality and in your all-round development.

I sincerely hope that your academic journey in ACEM will be fruitful and enjoyable in every aspect and the experiences you gain here and the moments you spend here will be cherished by you all your life.

Wishing you the very best,

Dr. Suresh Kumar Jindal
M.Tech.(IIT Kharagpur), Ph. D.
Director Principal

" Learning is the true imperishable wealth "

OUR PHILOSOPHY

Our philosophy at ACEM is to address the core issue of education at two levels. First and foremost the primary focus of education must be to create a high level of multi-disciplinary awareness and help in complete and holistic development of each child so that they become studious professionals and all-rounders with a lifelong desire for learning. Simultaneously we also strive to impart predominant skills through realistic and textual knowledge to ensure that the students are accepted in appropriate jobs or can pursue meaningful entrepreneurship. The students must understand the dignity of labor and value of honesty, integrity and loyalty to the organization in all their professional endeavors.

OUR MISSION

Aravali College of Engineering and Management will always strive to create and sustain a niche for imparting quality value- based holistic education in the fields of engineering and management. In doing so we also aim to fulfill our national need of providing industry-ready, motivated engineers and managers to the country. We realise that our students including the alumni will be the brand ambassadors for the College, hence it is the obligation of the college to ensure that these students are:

- Industry –ready as they pass out from the college, to propel national growth.
- Be poised for freedom of thought and zeal for lifelong learning.
- Must always strive for holistic growth, focusing on their inner strength and rich national heritage.
- To provide international-standards-training in Engineering, Applied-Science & Management.
- Ensure close coordination with industry through faculty–industry exchange program and consultancy.
- Close coordination with other premium institutes in India and abroad.
- Regular improvement in the quality of education methodologies.
- Provide a platform for lifelong learning.
- Ensure holistic development of students through generating awareness of rich Indian heritage and concern for environment.

ARAVALI COLLEGE OF ENGINEERING & MANAGEMENT

OUR OBJECTIVE

Keeping in view our mission, Our primary objectives are:
- To provide state of the art facilities for teaching and learning process.
- To ensure steady growth of the students in academic performance, motivate them for self learning, make technology savvy and inculcate in them human values and skills to become successful engineers and managers.
- To become a top-notch college in engineering and management.
- To create eco-friendly, conserve energy, pollution free and safe work place.
- To enhance knowledge in fundamentals and applied areas of engineering.
- To provide diverse curricula to stimulate the imagination, talent, creativity and skills of the students that make them competent for the varied and rapidly changing requirements of modern life.

OUR VISION

To be the best Engineering and Management College in Haryana and be amongst the top ten such colleges in the country by 2024.

COMMITTED TO BE A WORLD CLASS INSTITUTION...

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. It is promoted by a visionary educationist, Mr.Dhan Singh Bhadana, who is also the Chairman of the Aravali Eduworld which includes a chain of Aravali International Schools, Aravali College of Engineering and Management, Aravali Institute of Competitive Studies & Aravali College of Advanced Studies in Education. A part of his vision is to impart education to needy and economically poorer sections to facilitate their participation and development in the society, for this various awards and schemes are being offered by the college.

Mr. Bhadana's vision is to provide students with quality education, enable them to succeed and excel in their chosen fields of career progression, and thereby stand apart as distinguished examples of superior education. ACEM is committed to impart quality education that transforms students into responsible self-reliant and confident citizens of the future. Diversity and inclusion in all of its forms are appreciated and celebrated at Aravali.

The College offers B.Tech (Four-Years Program), BBA (Three-years Program), Diploma in Mechanical, Civil and Computer Science Engineering (Three-years Program), and MBA (Two-Years Program).

Aravali College of Engineering and Management is approved by AICTE and affliated to M.D. University,Rohtak.

IF YOU DON'T MAKE MISTAKES, YOU'RE NOT WORKING ON HARD ENOUGH PROBLEMS AND THAT'S A BIG MISTAKE.

FACILITIES

YOUR QUEST FOR KNOWLEDGE ENDS HERE...BOOKWORMS AND LOVERS OF NOSTALGIA ARE ALL WELCOME HERE.

Aravali College of Engineering and Management offers in campus residential rooms for boys and girls in separate buildings. The college provides both AC and Non AC rooms for students as per their needs. Hostel students also freely access all sports and academic activities even after college hours. All the rooms are equipped with free Wi-fi with unlimited downloads. A separate recreational room is available for students where they can watch television, read newspapers, magazines and books. The hostel mess provides nutritious and hygienic food 4 times to the students daily. Hostel is equipped with 24 hours power backup facilities and optimum security. A separate gymnasium is also available to hostel students.

HOSTEL

LIBRARY

The library is fully air conditioned covering over 7000 sq.ft. area and has a seating capacity of about 250 students and a stocking capacity of over 1.2 lacs books, journals and magazines. It also has a digital library with internet facility for downloading the latest study material. The students and the faculty are provided with free access / open shelf system for collecting books, journals and other forms of reading material. In addition, the institute has subscribed to online research journals where more than a thousand journals can be accessed and referred to, for teaching and research purpose.

CENTRAL COMPUTING

ACEM has a fully air-conditioned computer centre with the latest computer systems, work stations, multimedia and internet facilities. It is used as a Central facility for computer practice and project work for the students of all the departments. The ACEM campus is completely Wi-Fi enabled for the convenience of the students as well.

LECTURE-THEATRES

The classrooms at ACEM are in the pattern of Lecture theaters equipped with ultra modern digital classrooms for the most appropriate teaching environment. ACEM has a fully equipped air conditioned seminar hall with modern audio-visual aids. Besides hosting regular guest lecturer and work shop, the seminar hall also hosts various academic activities, extension lectures, personality development program & GD programs for the students.

ACADEMICS

Department of Electronics and Communication Engineering

Electronics and Communication Engineering is established with focus on latest developments in communications and electronics industries. The ECE department is well equipped with labs like MATLAB, Xilinx, Microwave lab, Satellite and wireless communication lab, data communication lab, microprocessor lab along with other labs as per MDU syllabus. A few other labs like control system, instrumentation & measurement, communication – analog and digital, network theory lab, electrical technology, electrical machines etc. are also there in the department to enhance the practical skills of the students. The department has the facility of PCB design with modern technology based machines and design software where students can design, simulate, fabricate and test circuits. Department also provides value added courses for which separate labs have been set up like HFSS for antenna design, tanner tool for VLSI.

Department of Civil Engineering

Civil Engineering is the oldest engineering discipline in the world. It deals with the design, construction, and maintenance of the physical and naturally built environment, including works like roads, bridges, canals, dams, and buildings. Core subjects include surveying, building material & construction, environmental engineering, public health, structural engineering, soil science, transport & highway etc. Along with theoretical classes the students are given practical knowledge through laboratory work and field work. Amongst all branches of engineering, the range and application of civil engineering is the broadest and the most visible. In fact, the entire infrastructural framework of a modern nation is the creation of civil engineers. The credit of building mighty power plants, dams, airports, sea ports, highways, inland waterways and industrial plants goes to civil engineers. Students at Aravali are given practical knowledge in building an array of urban structures such as commercial complexes, skyscrapers, tunnels, bridges, roads, urban rapid transport systems, sports stadium and so on. The students are prepared for various jobs in the private sector as well as in public sector undertakings.

Department of Computer Science & Engineering

Computer Science & Engineering Departments is committed to provide high quality education in the fields of software development, Data base management, Networking etc. The students are trained for procedural language in communication, Object-Oriented concepts in C++ and Java. Core subjects include Data Structures, Operating System, Computer Graphics & Multimedia, Database Management Systems, Theory of Automation, Algorithm Analysis & Design, Data Communication and Networking. To further strengthen theoretical concepts, the students are made aware of the practical implementation through Laboratory work, ongoing projects, programming competitions and Industry relevant courses in Oracle, Matlab, or CAD, Rational rose, VLSI & Embedded Technologies are conducted as per the curriculum.

Department of Mechanical Engineering

Mechanical Engineering is generally considered as mother of all other engineering disciplines. Students in this course are taken through fundamental concepts of thermal science and metallurgical engineering, towards cutting edge technologies like computational fluid mechanics, Computer aided designing and manufacturing , statistical analysis, industrial heat transfer etc.

This is the most versatile branch of engineering when it comes to manufacturing, production and robotics. The fastest growing field in this branch is automobile industry and CAD, CAM supported manufacturing processes. At managerial level mechanical engineers are needed for material management, production management and operation, process management. This department in the College is staffed by well qualified and experienced faculty. There is one workshop and twenty labs where the students learn practical skills.

Department of Applied Science & Humanities

Department of Applied Science and Humanities (ASH) works dedicatedly with the sole objective of laying the foundation for the undergraduate courses offered by the college. Many applied sciences can be considered forms of engineering and are important for technology development. The department constantly strives to create an atmosphere conducive to academics and higher learning. The department, believe in inculcating scientific temperament for developing application oriented thinking skills, and helping the students to fathom the most intriguing mysteries of natural world and provide an exceptionally strong base in foundational science.

The ASH department is an amalgam of faculties from various disciplines like mathematics, applied physics, applied chemistry, environmental sciences and English. The laboratories in the department are well equipped with latest equipments, demonstration kits, charts etc. The department believes in not only creating academically oriented students but also shaping their personalities by exposing them to a variety of co-curricular and extra-curricular activities by conducting science exhibitions, debate competition, Quiz competition and essay writing competition etc. The department is also sensitive towards the society and is keen in inculcating social and moral values in students. Keeping with the ethos and tradition of our institute, the department has also donned a parental role for budding engineering students by offering mentoring programmes.

Department of Management Studies: (BBA & MBA)

Specialized studies in management started almost a century back.
Given the massive progress in technology, societal changes, increasing complexities etc., management studies are most essential to students who aim to be entrepreneurs, leaders or businessmen. The department of management studies at Aravali College is focused not only on academic studies but practical exposure also. Students are trained through case studies, live projects, industrial tours and seminars. In fact it is an achievement on part of the department that more than 50% class of MBA 2013 batch was in the university's merit list. A feat unaccomplished by many a great institutes.

SPORTS FACILITIES

A unique feature of Aravali, which is generally missing in most of the Engineering Colleges, is that there is adequate time devoted to games and sports along with academics. There are existing facilities for both indoor and outdoor games like football, volleyball, basketball, cricket, table-tennis, badminton, carrom, chess etc along with special provision for athletics. Students regularly participate in various inter college and intra college tournaments. Aravali College has also established Aravali cricket academy where students are provided with facilities comparable to national and international cricket grounds.

TRANSPORT FACILITIES

The college provides transport facility to the students from Faridabad, South Delhi and neighbouring areas as the need be. ACEM has many buses managed by trained and experienced staff to ferry students at affordable and reasonable charges.

UTSAHA

(INTER SCHOOL DISTRICT LEVEL CHAMPIONSHIP)

At ACEM, a thriving and vibrant culture is made up of eclectic, mix of performances, festival, events and cultural studies that showcase a diverse range of creative disciplines at their best. The college is a regular and proud host of UTSAHA (Inter school district level tournament of football, volleyball and basket ball). More than 50 school teams and more than 800 students enthusiastically participate in it annually. The winners are bestowed with trophies, medals and certificates. The coaches and referees from various schools of Faridabad, who participate in the event are gratified with souvenirs.

CONVOCATION

Convocation is a milestone in every Aravalian's journey towards excellence. It is a defining moment in every students life. The role of Universities and Institutions have gained significant importance to help impart the requisite education and fostering competencies to make them better and productive citizen of the country. The college had its first convocation ceremony on 25th Oct 2013 for the B.Tech and MBA students. The chief guest His Excellency Sh.Jagannath Pahadia, the Governor of Haryana, awarded the degrees to the students. Students were also honored with gold and silver medals for their outstanding achievement in their academic career.

RECREATION-UNWIND AND RELAX

A diverse supportive campus environment with an incredible range of student groups ensures that it's not all about the work but fun too. It is an intensely creative atmosphere where art flourishes in all its forms.

THE INSTITUTE RUNS THE FOLLOWING HOBBY CLUBS:

Theatre, Music, Painting, Photography, Creative Writing, Dialectics, Debating, Role Playing, Mimicry, Mono Acting just to name a few.

" Cheerfulness is the ambience
where all things thrive "

-Jean Paul Richter

NEWS LETTER

It covers and highlights all the activities viz. Academic, Cultural, Technical and Sports which take place during the year. The News Letter mirrors the vibrancy of the campus life. It acts as one of the bridges between our institution and the outside world. The achievements of the students for the current academic year are also showcased in the newsletter. The aim is to keep the students aware and updated round the clock.

STUDENTS MAGAZINE

With the aim to promote and develop and shape the creative urge and spirit in print among students the college publishes 'Avancer' – the magazine wherein the students give expression to their thoughts and feelings.

FRESHER'S PARTY

The perfect start to the college life. The first term at college will be welter of new faces and experiences in an unfamiliar environment-an exciting and daunting prospect in equal measure. Fresher's party is the bridge to this new phase of life, designed to help make the transition into college as enjoyable and rewarding as possible, an experience that students treasure forever.

FAREWELL PARTY

Meeting & parting are two sides of coin. College farewell parties are always happy memories. The time when one is partying ways with the institute and the place with which you have a great bond and sharing something very important in your life. A stroll down memory lane & nostalgia are the hallmark of such parties. It's a warm adieu which anybody would hope to be their last day farewell.

SAVE THE GIRL CHILD

Aravali College highly values and promotes girl child education and is currently providing many scholarships, resources and outlets for girls and is fully committed to create a strong social and educational environment for female students. The college has also been actively campaigning for the social cause of "Save the Girl Child" for the last couple of years. It is dedicated to the mission of sensitizing the society about the legal measures taken by central and state government as the depleting sex ratio has reached an alarming stage. On 14th November, a cross country run "Save The Girl Child" is organised annually by the Aravali Eduworld. Thousands of students from various reputed schools and colleges from NCR participate in it. Students of Aravali College conducted many street plays in order to spread the message to the people.

ACHIEVEMENTS

College places deliberate emphasis on a balance of academic, social, physical and cultural activities as well as achieving top academic results. Aravali students excel across an impressive range of sporting, cultural and leadership opportunities. Our students have won many laurels for the college by winning many top positions in inter and intra college competitions.

PEDAGOGY – B. TECH, BBA, MBA AND DIPLOMA

We focus on development of relevant skills (S), correct attitude (A) and contextual knowledge (K) across the widest cross-section of student population. Besides, equipping the students with the desired SAK matrix, we also emphasize on holistic development of each student so that he/she becomes an alert and responsible citizen of the country.

The primary focus of pedagogy would be on clear understanding of the technological concepts and applications in relevant industry or anticipated corporate environment. The engineering and management students must always understand that their future role in society is based on application of technology and managerial skills for social benefits. Hence propensity 'to do' needs to lead the desire 'to know' or 'learn'. In consonance with this approach the pedagogy is based on an appropriate mix of lectures, tutorials, field work, projects and avenues for personality development.

A) Lectures:

Classroom lectures are in the form of presentations using training aids such as LCD projectors, OHP, internet etc. Students are encouraged to come prepared to the class and ask questions.

B) Tutorials:

For every lecture there are two to three tutorial/small group discussions. These are carried out in classrooms/tutorial rooms/laboratories. The focus during these small group discussion/interactive sessions is:

(I) Clarification of the doubts   (ii) Discussion on assignments

(iii) Learning by doing   (iv) Presentations by the students

(v)Personality development through-group discussions, role play, team work.

C) Practical:

The College has very well equipped labs and workshops. Practical work in these labs and workshops are undertaken to develop relevant skills and to understand concepts. In the computer science and IT labs students are encouraged to develop software to adhere to real issues & understand the way industry is undertaking technology driven processes. All faculty members ensure that the theoretical concepts and practical aspects of the subject are clarified in the lab work.

D) Industrial Visits:

All engineering students are taken out for industrial visits to organizations relevant to their respective fields. These students are accompanied by faculty members and are given a feel of the real industry life. This visit commences before the culmination of 3rd & 4th Semester. The main objective of these visits is to acquaint the students with the way industry utilizes relevant technology. After each visit, small group brainstorming sessions are organized by the concerned faculty and staff.

The students have visited various industrial units like American Centre, Narora atomic power station, NDTV talk show on mission to Mars, Vigyan Bhawan for CII global PSE summit, Huawei Telecommunications Pvt Ltd, Parle G, just to name a few.

INDUSTRIES VISITED

Moser Baer, Noida	Zee Network, Noida	Kohinoor Biscuits, Noida
Yamaha Motors India Ltd., Faridabad	Parle-G	Sterling Tools Limited, Prithla
NTPC	Hero HONDA	ESCORTS & Many more…

(e) Guest Lectures: Eminent professionals are invited to deliver lectures and share thoughts on current technology trends and management practices. The college has organized guest lectures by industry experts from organsations like Alstom, HCL Infosystem, Imperial Auto, UT Starcom etc.

(f) Summer Training: This is an essential activity for providing a structured industry exposure. All the students of third and fourth year are sent to leading organizations like JCB Ltd, Escorts, LG Electronics, Oerlikon Graziano Trasmission ltd etc to have a hands-on experience in their respective branches.

The entire process of summer training goes through following steps.

(I) Choice of Company and the Project: As a result of our tie ups with different industrial houses and groups we are able to send students for summer training at these reputed companies. The college placement cell guides the students in identifying the company and the project suited to their profiles.

(ii) Authority Letter of conduct of Summer Training: The Students are given an authority letter addressed to the company for undergoing summer training (for a duration of eight weeks)

(iii) Certificate from the company: On completion of summer training the company certifies the work of the student. The certificate is signed by concerned supervisor in the college on behalf of the company.

(iv) Submission and Evaluation of the Project: The students are required to submit the project before the first sessional examination in the fifth semester. There after the project is presented to the project evaluation committee for evaluation. In order to ensure objective assessment the project evaluation committee is headed by external experts.

(v) Inclusion of the Summer Training project in the resume of the student: The Training & Placement officer extracts relevant aspects from the summer training project to be included in the resume of the student.

(g) Final project: The modalities of the final project are similar to the one applicable for the summer training project except for one major difference that the final project is undertaken by the company where the students get the job offer.

(h) Personality Development Programme: Through a series of innovative programme like chase your dream, language classes, understanding body languages, memory enhancement exercise, mental mathematics, role plays, mock interview etc. students are groomed for corporate world. Renowned personality development experts are invited to help the college in this endeavour.

(I) Value Added Courses: It is widely accepted that there is a gap between the syllabus which is taught in colleges and the knowledge and skill required in industry. Therefore, to bridge the gap and also to take into account of individual's aptitude and proficiency, special course modules known as VACs (Value Added Courses) are crafted where each student can opt for subjects as per their individual strengths.

(j) Mentor programme: Performance as well as aptitude of the students is monitored through our Mentor Programmes. Students are divided into small groups and the each group is assigned to a seasoned faculty member who discusses with each individual student, facilitates learning as well as works on all round development.

EVALUATION

B.TECH, BBA AND MBA

The process of evaluation for the B.Tech, BBA & MBA students is continuous and covers multifarious aspects. Besides evaluating the academic progress, other aspects related to holistic development of the students are also evaluated. Thus the entire process covers the following:

THUS THE ENTIRE PROCESS COVERS THE FOLLOWING:

(a) Academics progress is evaluated based on the following parameters:

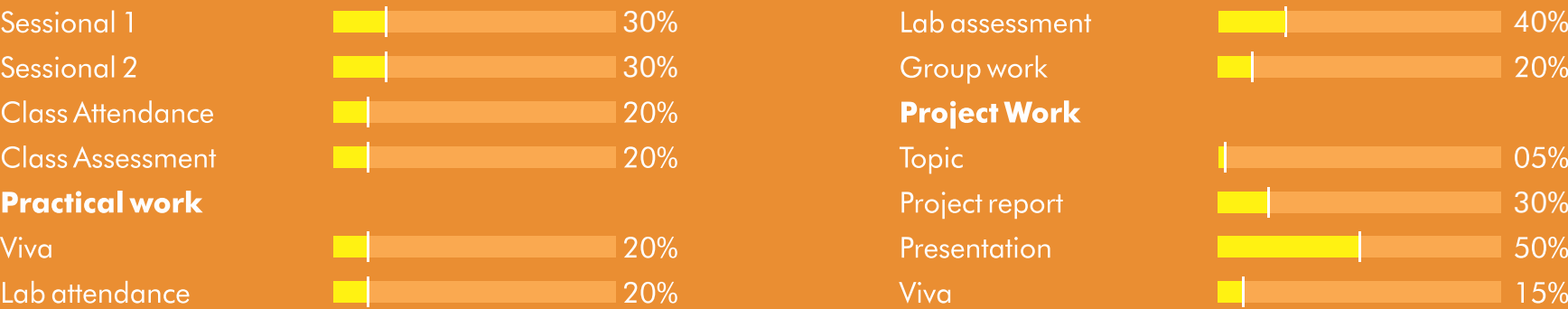|	
(i) Attendance	(v) External Practical Examination
(ii) Assignments	(vi) University Examination
(iii) Sessional Examination	(vii) Summer Training
(iv) Internal Practical Examination	(viii) Final Placement Projects

(b) General Proficiency: This covers the holistic development of the students. Each student is given an opportunity to take part in:

(I) Presentations	(ii) Debate, declamation, quiz, software games, business games etc.
(iii) Projects	(iv) Essay writing

THE DISTRIBUTION OF MARKS FOR B.TECH ARE AS UNDER

Sessional 1	30%	Lab assessment	40%
Sessional 2	30%	Group work	20%
Class Attendance	20%	**Project Work**	
Class Assessment	20%	Topic	05%
Practical work		Project report	30%
Viva	20%	Presentation	50%
Lab attendance	20%	Viva	15%

THE DISTRIBUTION OF MARKS FOR BBA & MBA ARE AS UNDER:

Theory		Sessionals	50%
Class Attendance	20%	Class Work	20%
Class Test	10%	Class Presentation	10%

Student Career Development Cell

"By failing to prepare, you are preparing to fail."

-Benjamin Franklin

We believe that if you do not set goals beforehand or plan ahead in life, you cannot succeed in life. Success loves preparation. If the perfect opportunity presented itself, would the student be ready for it?

In the changing global environment, a suitable job is of utmost importance for the student. Thus, to facilitate this aspiration of the students we at Aravali College of Engineering & Management have a full-fledged Student Career Development Cell managed by in-house industry experts which work towards the fulfillment of the student's ambition of having the best professional career and prepare them for success.
SCDC ensures that the student becomes an employable youth, a true professional.
Apart from continuous and rigorous training programme aimed at personality enhancement it is our endeavour to expose students to industry environment through: 1.Industrial Visits 2.Guest lectures 3.Internship 4.Campus placement 5. Employability Drive

Employability

Employability is "a set of achievements - skills, understandings and personal attributes – that make graduates more likely to gain employment and be successful in their chosen occupations, which benefits themselves, the workforce, the community and the economy."

-Professor Mantz Yorke

Importance

It has been found that the level of skills demanded by employers have increased, mainly because:
1. higher levels of technology 2. increasing competition 3. increasing concerns about the quality of products.
The companies prioritize soft skills including personality (honesty, punctuality, etc.) And what they labeled basic skills (literacy, problem - solving, management, etc.). Soft skills are essential professional skills and these are also known as the non-technical, intangible, people, corporate, emotional intelligence, employability, life, generic, key, essential, and transferable skills.
"Soft" skills as personal qualities, attributes, or the level of commitment of a person that set him or her apart from other individuals who may have similar skills and experience.
"We aim to produce graduates fully equipped to achieve the highest personal and professional standards"
For that, apart from University curriculum, we are providing Employability Classes to all the students during the 4 year B.Tech program as well as BBA & MBA courses i.e. 3 years and 2 years respectively. For each year, there shall be dedicated lectures per week under Employability drive which shall cover different areas over the years and employability assessment examinations shall be conducted twice a year with Sessional Examinations. Areas are as follows:-
1. Communication skills 2. Aptitude & Reasoning 3. Interview techniques 4. Motivational lectures 5. Campus to Corporate sessions
6. Guest lectures by industry experts

1st Year: Communication Skills, Personality Development, Verbal Ability (L-I), MS Office **2nd Year:** Arithmetic Aptitude (L-I), Verbal /Non-Verbal Reasoning(L-I), Logical Reasoning(L-I), Verbal Ability(L-II), Personality Development, Value Added Courses(VAC), technical course for each stream **3rd Year:** Arithmetic Aptitude(L-II), Verbal /Non-Verbal Reasoning(L-II), Logical Reasoning(L-II), Verbal Ability(L-III), Personality Development, Value Added Courses(VAC), technical course for each stream **4th Year :** Personality Development, AMCAT Preparations, Online Aptitude Assessment, Interview Preparations, Mock Interviews

OUR ASSOCIATES

GENPACT
INTELLIGENT ENTERPRISES POWERED BY PROCESS

TERACOM

Real Time Data Services

WIPRO
Applying Thought

HacXad

Canara Bank

IBM

ren o soft
t e c h n o s y s

USTECH
SOLUTIONS

Systems

SafeNet.
The Foundation of Information Security

HCL

Tech Mahindra

webexpert
SOFTECH PRIVATE LIMITED

EDUSOLUTIONS
consultancy private limited
Ensuring Success.

TATA
TATA CONSULTANCY SERVICES

MICROWEB SYSTEMS
An ISO 9001:2008 Certified Company

NICE®

PEPSICO

Sapient

SofTech

FLUXLITE Co., Ltd.

FLUXLITE Co.Ltd.

WAVES
Innovative Air Management Systems

ABB

DELL

Sahasra
Electronics Pvt. Ltd.

Indian Technological Products

NYCONE TECHNOLOGIES Pvt.Ltd.
An Autonomous thought of knowledge for you

Lelo Books

ADROIT
ENERGY SYSTEMS

flexi le
CONSULTING SERVICES

INFINITY
AT NASA STENNIS SPACE CENTER

BINARY SOFTZONE
A Leader in Interactive Business Solutions

NIIT
technologies

ITC
ITC Limited

ESCORTS

ADROIT
ENERGY SYSTEMS

GENPACT
INTELLIGENT ENTERPRISES POWERED BY PROCESS

HDFC BANK
We understand your world

ARIES
Techsoft

HCL
HCL INFOSYSTEMS LTD.

TOFL
Technologies

TRAINING AND PLACEMENT CELL

The Training & Placement Cell of Aravali College of Engineering and Management plays a vital role and is a key department of the institute. As there are a large number of engineering and management colleges coming up in Faridabad, the competition for employment is increasing everyday and the job of placement is becoming a challenging one. A fully equipped placement cell is functioning in our college with a full time placement officer. The institute has tie ups with different placement agencies and companies. In addition, by inviting the leading experts from industries in various fields as guest lecturers, arranging industrial visits and training, the college has tried to impart reasonable exposure in students and provided a platform for them to interact with leading personalities of industry.

OBJECTIVE

The primary objectives of training and placement activities are to:
* Identify the aptitude and proficiency of individual student.
* Employ training and development techniques to enhance the potential of the student through a series of activities such as guest lectures, personality development program, industrial visits, summer training projects, placement projects.
* The training and placement cell also ensures preparation of placement brochure.
* The TPO organizes campus placements and invites direct interviews from the industry in the company premises.

STUDENT CAREER DEVELOPMENT CELL

In order to accomplish our mission, student's career planning and development cell works on holistic approach on student's career development. It starts with identification of aptitude and proficiency of the individual student through a series of personality development program like:

(I) Chase your professional dream   (ii) Language class
(iii) Understanding body languages   (iv) Memory enhancement exercise
(v) Mental mathematics   (vi) Mock interview etc

It is needless to say there is immense necessity for industry- institute interaction so that students passing out from institute are industry-ready. This is done by inviting experts from different fields and conducting guest lectures, organizing industry visits, choosing topics which are relevant to industry and arranging special training program either in house or external. Further this cell is continuously working on academic collaboration with reputed institution, network for expertise and resource sharing and entrepreneurship development program. This cell coordinates with training and placement cell to ensure preparation of resume, placement brochure, invites direct interviews from industry in the institute premises.

ELIGIBILITY & ADMISSION PROCEDURE

ELIGIBILITY AND BASIS OF ADMISSION FOR B. TECH & BBA
Candidates desirous of seeking admission in B.Tech programme of 4 years duration through normal entry may note that admission in this programme shall be primarily made on the basis of merit in JEE (main). In respect of any seats remaining vacant, the admission shall be made on the basis of merit in qualifying examination i.e. 10+2/ Senior Secondary examination or equivalent. Candidates desirous of seeking admission in B.Tech. programme of 3 years duration through lateral entry directly to 2nd year may note that admission in this programme shall be made on the basis of merit in DET (L). In respect of any seats remaining vacant, the admission shall be made on the basis of merit in qualifying examination i.e. Diploma in Engineering

DOCUMENTS FOR B.TECH

* Matriculation/High School Certificate (for D.O.B)
* Character Certificate (Original).
* Residence Certificate
* Certificate from the Employer in case of Employees of Govt. of Haryana.
* Prescribed Certificate of the Reserved Category (SC/BC/PH/ Wards of ESM, Freedom fighter)
* Gap year Affidavit (if any)
* Migration certificate
* Six latest coloured & six black & white photographs
* Three set of attested copies of certificates will be verified & signed by the Director or his authorized representative. It will be retained for registration purpose with HCS and Supplement in MDU.

ELIGIBILITY AND BASIS OF ADMISSION FOR BBA

Candidates desirous of seeking admission in BBA programme should have passed Senior Secondary Examination in any discipline from a recognized school.

ELIGIBILITY AND BASIS OF ADMISSION FOR MBA

Candidates desirous of seeking admission in MBA programme should be a graduate in any discipline from a recognized university.

(The eligibility and documents requirement are ascertained by university and as such are liable to change as per university policy)

DOCUMENTS REQUIRED FOR BBA and MBA

- Qualifying in Exam. i.e. 10+2/ intermediate/ Sr. Secondary Exam/ Diploma/ Graduation
- Matriculation/High School Certificate (for D.O.B)
- CMAT Rank Card
- CMAT Admit Card
- Character Certificate (Original)
- Residence certificate
- Certificates from the employer in case of employees of Govt. of Haryana.
- Prescribed Certificates of the Reserved Category (SC/BC/PH/ wards of ESH, freedom fighter)
- Gap year Affidavit (if any)
- Migration Certificate
- Six latest colored & six black & white photographs
- Three set of attested copies of certificates will be verified & signed by the Director or his authorized representative . It will be retained for registration purpose with HCS and supplement in MDU.

MERIT SCHOLARSHIPS

Details	Criteria Slab	Scholarships	
		Male	Female
% Marks in Class 12th or equivalent (PCM)	90% & Above	100%	100%
	85% & Above	50%	70%
	80% & Above	30%	50%
	75% & Above	20%	25%
	70% & Above		10%
JEE (Main) Rank	upto 50000	100%	
	50001 - 75000	70%	
	75001-100000	30%	

FOR EXISTING STUDENTS

UNIVERSITY RANK	RANK SLAB	SCHOLARSHIP AMOUNT(Rs.)	INSTITUTE LEVEL SCHOLARSHIP	CRITERIA SLAB	% of Tuition fee
	FIRST	75000		85% & Above	100%
	SECOND	50000		80 % & Above	70%
	THIRD	30000		75 % & Above	50%
				70 % & Above	20%

KEY PERSONNEL

Director	-	Dr. Suresh Kumar Jindal Ph.D., M.Tech.
Dean Academics	-	Mr. Sanjay Bhanot MBA, Ph.D
Head-Students Career Development Cell	-	Ms Mukta Khanna.

Head of Departments

ECE	-	Ms. Charu Srivastava
ME	-	Mr. Parveen Kumar
CSE	-	Mr. Sanjay Singh
ASH	-	Ms. Manu Singh
BBA & MBA	-	Ms. Smriti Khanna

Our Achievers

1st Rank
DEEPTI PORWAL
University Gold Medalist

1st Rank
KRISHAN KANT
University Gold Medalist

2nd Rank
NIKHIL VERMA

2nd Rank
RAJNISH KAUR

5th Rank
GULSHAN S. BHATI

6th Rank
KIRTI SINGH

10th Rank
CHETNA VERMA

10th Rank
ANKIT GARG

11th Rank
LATA

13th Rank
BISWARUP

13th Rank
MANISH BHARDWAJ

13th Rank
TANU

15th Rank
AJAY DIXIT

19th Rank
LAGNESH THAKUR

20th Rank
MAHAK SHARMA