



# Bhaavya Technical Institute

Approved by AICTE, New Delhi & Affiliated to Board of Technical Education (BTE), Lucknow, (U.P)

21 K.M. Mile-stone, Agra-Gwalior Highway, NH-3, Tehra, Agra

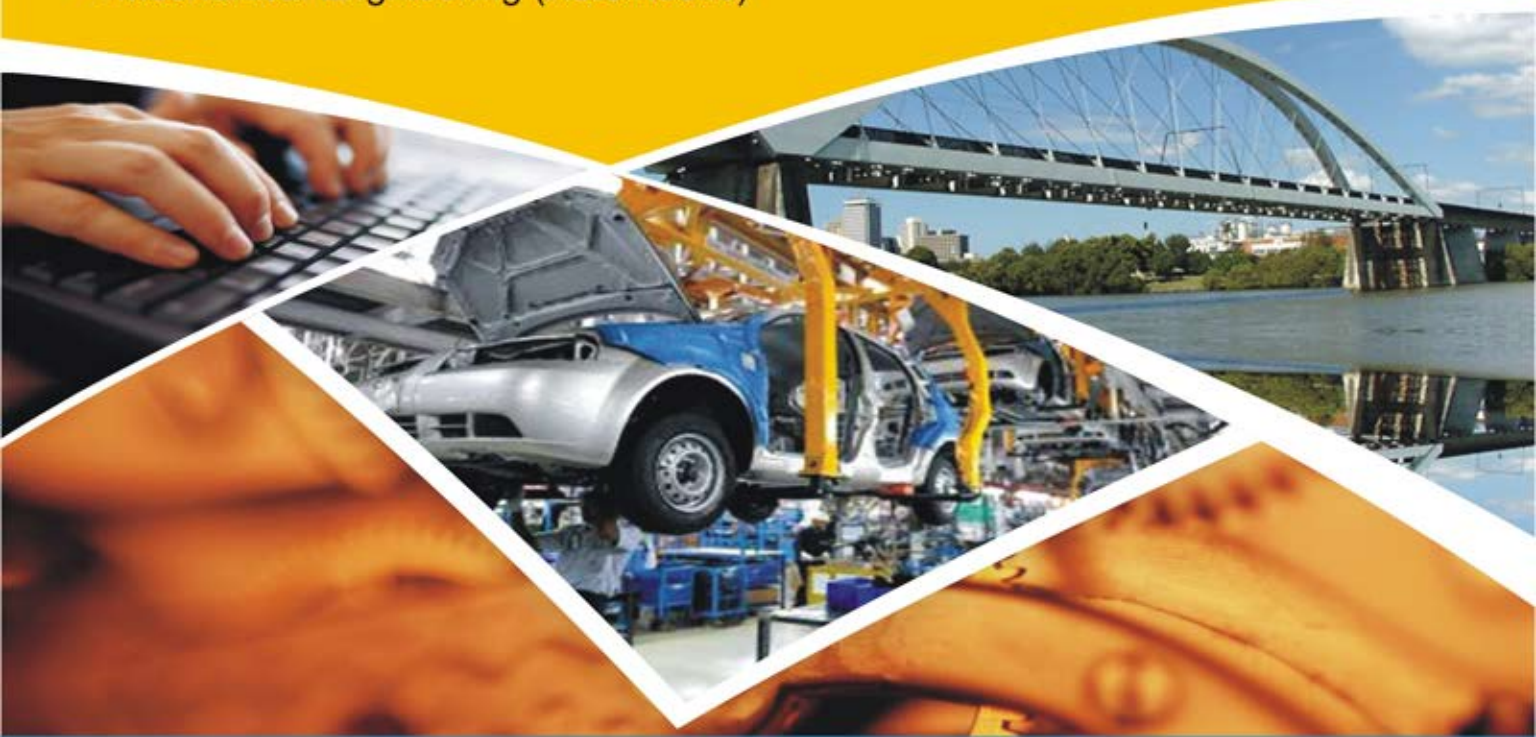
**Excellence is driven by Skill**

BTE Code: 1232

## COURSES OFFERED:

### POLYTECHNIC (DIPLOMA)

- Civil Engineering
- Mechanical Engineering (Production)
- Mechanical Engineering (Automobile)
- Electrical Engineering
- Computer Science & Engineering



For Admission Contact: 7535922333, 7534922333

Website: [www.bhaavyainstitute.ac.in](http://www.bhaavyainstitute.ac.in) E-mail: [info@bhaavyainstitute.ac.in](mailto:info@bhaavyainstitute.ac.in)



# Welcome to Bhaavya Technical Institute

Bhaavya Technical Institute is approved by All India Council for Technical Education (AICTE) New Delhi and affiliated to Board of Technical Education (BTE), Lucknow. Bhaavya delivered technology-intensive education and is committed to make a meaningful contribution to India's economic prosperity. We focus on delivering engaging learning experiences for our students, developing skills that are in demand by employers and being fiscally responsible. Bhaavya provides learners with the skills and knowledge required to serve the employment needs of key industry sectors: energy, construction, manufacturing & automation and information technologies.

As a part of dissemination of knowledge and manpower training the aim of the institute is to develop the skills and make the scholars technically sound. Our Motto therefore is, **"the excellence is driven by skill"**. Bhaavya Technical Institute believes in perfect blend of five basic ingredients of technical education system viz. Infrastructure, Faculty, Students, Curriculum and Practical Training.

Bhaavya uses technology to enhance the learning experience. Bhaavya focuses on student support and enhances the student experience by providing students with a variety of services and facilities. Students who choose to come to Bhaavya have many possibilities. Thanks to the Management Committee, students from low income families will have increased access to the opportunities offered by Bhaavya Technical Institute.

भाव्या टेक्निकल इंस्टीट्यूट, तेहरा, आगरा अखिल भारतीय तकनीकी शिक्षा संस्थान, (ए.आई.सी.टी.ई.) नई दिल्ली से मान्यता प्राप्त एवं प्राविधिक शिक्षा परिषद, (बी.टी.ई.) लखनऊ से सम्बद्धता प्राप्त शिक्षण संस्थान है। संस्थान में पालीटेक्निक (बहुशिल्प विज्ञान) के विभिन्न तकनीकी कोर्स क्रमशः सिविल इंजीनियरिंग, इलेक्ट्रीकल इंजीनियरिंग, मैकेनिकल इंजीनियरिंग (प्रोडक्शन एवं ऑटोमोबाइल) तथा कम्प्यूटर साइंस इंजीनियरिंग में छात्रों को रोजगारपूरक शिक्षा उपलब्ध कराई जाती है। जिसके द्वारा कोई भी छात्र अपना स्वयं का लघु व्यवसाय प्रारम्भ कर सकता है या फिर उच्च स्तर के सरकारी एवं गैर सरकारी विभागों में तकनीकी कार्य को कुशलतापूर्वक करने में सक्षम हो जाता है।

संस्था का मुख्य उद्देश्य छात्रों को नियोक्ता के अनुरूप शिक्षा देकर उनकी तकनीकी ज्ञान को बढ़ाना है जिसके द्वारा वह नियोक्ता को राजस्व संबंधी अधिक लाभ प्राप्त करा सके। भाव्या में विभिन्न प्रकार के औद्योगिक कलाओं के साथ-साथ व्यावहारिक विज्ञान के बारे में उच्च स्तरीय शिक्षा प्रदान की जाती है। भाव्या छात्रों की सीखने की क्षमता को बढ़ाने के लिए उच्च स्तर की तकनीकी का प्रयोग करता है। छात्रों के ज्ञानार्जन को बढ़ाने के लिए संस्था में विभिन्न प्रकार की सुविधाएँ उपलब्ध है। वह छात्र जो अपनी तकनीकी शिक्षा को पूर्ण करने के लिए इस संस्था का चुनाव करते हैं उनके पास भविष्य में रोजगार हेतु विभिन्न अवसरों की संभावनाएँ होती है। संस्था अपने मैनेजमेंट कमेटी का धन्यवाद करता है जिन्होंने अल्प आय वर्ग के होनहार छात्रों को शिक्षा ग्रहण करने के लिए यह संस्थान स्थापित किया।



## Highlights

- Job Oriented Course
- Affordable Fees
- Student Centered Learning Process
- Well Qualified Faculty
- Skill Development through Practical Training in Fully Equipped Technical
- Labs, Science Labs & Computer Labs
- Counseling Centre for Students
- Remedial Classes for Weak Students
- Industrial Learning Experience
- Students Support System
- Training & Placement Cell
- Sports: Cricket, Football, Volley-Ball, Table Tennis, Chess etc.



## Bhaavya Facilities includes:

- Green Campus
- Digital & General Library
- Canteen
- Transportation
- Computers Lab with Latest Software
- Conference Hall
- Language Lab
- Drawing Hall
- Lecture Room with LCD projector
- State of Art Seminar Hall
- Sports Gym/Health Centre
- Counseling Cell
- Soft Skill Training
- Industrial Visits
- Guest Lectures
- Toppers Award
- Medical Facilities



# सिविल इंजीनियरिंग-

इस कोर्स का मुख्य उद्देश्य छात्रों को भवन, पुल, सड़क, नहर, बांध आदि के निर्माण से सम्बन्धित गहन शिक्षा प्रदान करना है, इस कोर्स के माध्यम से किस प्रकार से उच्च कोटि का निर्माण किया जाये एवं कैसे निर्माण किया जाये ताकि उपरोक्त निर्माण मजबूत एवं टिकाऊ बन सके का अध्ययन कराया जाता है। इस कोर्स को पूर्ण करने के पश्चात छात्र विभिन्न सरकारी संस्थाओं जैसे पी.डब्ल्यू.डी., सिंचाई एवं रेलवे के विभागों में कार्य करने में सक्षम हो जाते हैं।

## Diploma in Civil Engineering

Civil Engineering involves planning, designing and executing structural works. The profession deals with a wide variety of engineering tasks including designing, supervision and construction activities of public works like roads, bridges, tunnels, buildings, airports, dams, water works, sewage systems, ports etc. and offers a multitude of challenging career opportunities.



### Job Opportunities:

Civil Engineering involves planning, designing and executing structural works. The profession deals with a wide variety of engineering tasks including designing, supervision and construction activities of public works like roads, bridges, tunnels, buildings, airports, dams, water works, sewage systems, ports etc. and offers a multitude of challenging career opportunities.

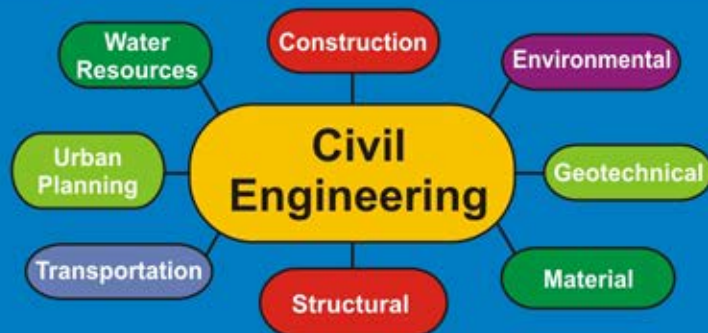
PWD, Irrigation Department, Indian Railways, DLF, Unitech, Jaypee Associates, GMR Infra, Lanc Infra, PNC Constructions, Ganpati Construction Pushpanjali, Nalanda, Deeksha Housing like companies offering opportunities for students with polytechnic certificates.

### Career with Diploma in Civil Engineering

Students with Civil Engineering diploma can start their career with Site Engineers and then can be promoted to Engineers, Senior Engineers, Site Managers, Company General Managers with very attractive salaries.

### Laboratories

1. Survey Lab having all modern and latest instruments.
2. Concrete Technology Lab with all testing facilities.
3. Building Construction and Engineering Materials Lab.
4. CAE Lab
5. Applied Mechanics Lab
6. Strength of Material Lab
7. Hydraulic Lab
8. Soil Mechanics & Foundation Energy Lab



## मैकेनिकल इंजीनियरिंग (प्रोडक्शन)-

इस कोर्स के अंतर्गत विभिन्न मशीनों के निर्माण एवं मशीनों द्वारा विभिन्न प्रकार के वस्तुओं के निर्माण सम्बन्धी शिक्षा उपलब्ध कराई जाती है। कोर्स के माध्यम से इंजीनियरिंग सम्बन्धी विभिन्न विषयों की मूल अवधारणा जैसे यांत्रिकी, गति विज्ञान, ऊष्मा गतिकी एवं वस्तु विज्ञान आदि के बारे में शिक्षा दी जाती है। इस कोर्स को पूर्ण करने के पश्चात् छात्र गैर सरकारी एवं सरकारी संस्थाओं जैसे राज्य ऊष्मीय विद्युत बोर्ड निगम एवं राज्य जल विद्युत बोर्ड निगम के टरवाईन एवं बॉयलर विभागों में, पी.डब्ल्यू.डी., रेलवे के विभिन्न विभागों में तथा मेल (बी.एच.ई.एल.) जैसे बड़े उद्योगों में कार्य करने में सक्षम हो जाते हैं।

### Diploma in Mechanical (Production) Engineering

Mechanical Engineering finds applications in all fields of technology. They could work in many industries including private or public sector industries of various types, and their work varies by industry and function. With the rapid rate of expansion in the industrial sector, the employment potential for mechanical engineers is very high.

### Job Opportunities:

Candidates with this diploma get job opportunities in Government sector offices, Machinery, Transport, Production, Sales in workshops, Garages etc. Companies like Voltas, Tata Group, Kirloskar, Godrej Group, Larsen & Toubro, Thermax, Siemens, Suzlon etc.



### Career with Diploma in Mechanical Engineering

Candidates with this diploma can be self employed or can start their job career with Trainee or Technical Assistant and with experience can reach Assistant Engineer and Engineer.

### Laboratories

- |   |  |
|---|--|
| 1. Applied Mechanics Lab                  | 5. Thermal Energy Lab                      |
| 2. Elements of Mechanical Engineering Lab | 6. Hydraulics Lab                          |
| 3. Work Shop Practises                    | 7. Manufacturing Process Lab               |
| 4. Mechanics of Solid Lab                 | 8. Electrical Technology & Electronics Lab |



## मैकेनिकल इंजीनियरिंग (ऑटोमोबाइल)-

इस कोर्स द्वारा स्वचालित वाहन के निर्माण, यांत्रिकी एवं चालन सम्बन्धी शिक्षा दी जाती है इसके अन्तर्गत इंजीनियरिंग सम्बन्धी विभिन्न विषयों की मूल अवधारणा जैसे यांत्रिकी, गति विज्ञान, ऊष्मा गतिकी एवं वस्तु विज्ञान आदि के बारे में जानकारी दी जाती है। आधुनिक युग के अनुसार छात्रों को कम्प्यूटर के द्वारा आंतरिक दहन, मशीनों के चालन एवं निर्माण जानकारी भी दी जाती है। इस कोर्स को पूर्ण करने के पश्चात् छात्र सरकारी एवं गैर सरकारी उपक्रमों जैसे अशोक लीलैण्ड, बजाज, आयशर, एस्कार्ट, मास्ति सुजुकी, रॉयल इनफील्ड, टी.वी.एस., टाटा, स्वराज आदि में तकनीकी पद पर कार्यरत होते हैं।

## Diploma in Mechanical (Automobile) Engineering

Automobile Engineering deals with designing the vehicle, manufacturing new products/ new vehicle, repairing, servicing vehicles. Automobile engineering is one of the most challenging careers now a days. Due to demand and passion of vehicles, automobile industries has lot many opportunities in India as well in abroad.

### Job Opportunities:

This course provide job opportunities in State Road Transport Corporations, Vehicle Manufacturing & Assembling Plants, Automobile Company showrooms, Automobile Service centers. Companies like Maruti, Suzuki, Toyota, TATA, Mahindra & Mahindra, Honda, Bajaj, LML, Yamaha, etc all automobile manufacturing companies are providing job opportunities with this diploma. Government Sectors like Indian Defence, Indian Railways etc also provides good job opportunities in this sector.

## Career with Diploma in Automobile Engineering

Students with this diploma can start their career with Service Engineering Trainee and can reach the position of Service Engineer, Chief Service Engineer, Assistant General Manager and General Manager.

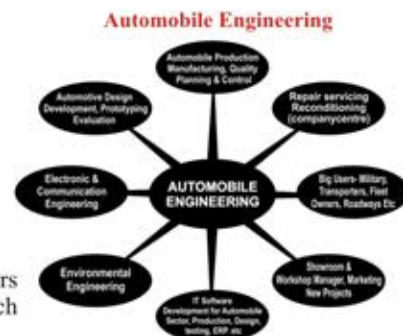
### Laboratories

Automobile Lab, IC engine Lab, Strength of material Lab in which Hardness Testing Machines, Impact Testing Machines, Torsion Testing Machines, Tensile Testing Machines etc.



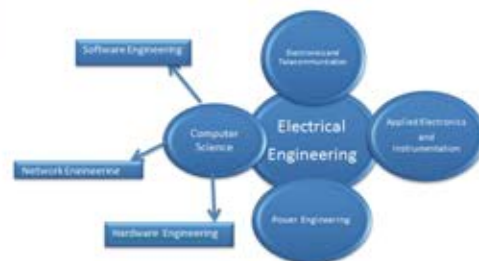
### Top Recruiters

Automobile Companies, Service Centers & Showroom, Garages, Military, Research and Development.



## इलैक्ट्रिकल इंजीनियरिंग-

इस इंजीनियरिंग के अंतर्गत छात्रों को ऊर्जा उत्पत्ति, ऊर्जा वितरण से सम्बन्धित शिक्षा प्रदान की जाती है। इसमें विजली के विभिन्न उपकरणों की कार्यशैली के बारे में वृहद जानकारी दी जाती है, जिसके तहत विद्यार्थी स्व:रोजगार करके अपने जीविकोपार्जन के साथ दूसरों को रोजगार भी उपलब्ध करा सकते हैं। इस कोर्स के अध्ययन के पश्चात छात्र विभिन्न सरकारी एवं गैर सरकारी उपक्रमों जैसे राज्य विद्युत उत्पादन बोर्ड, राज्य विद्युत वितरण बोर्ड, जल विद्युत बोर्ड, राष्ट्रीय जल क्षमता निगम, राष्ट्रीय ऊष्मीय क्षमता निगम एवं रेलवे के विभागों में कार्य करने में सक्षम हो जाते हैं।



## Diploma in Electrical Engineering

The department of electrical engineering helps the student to design, develop, test and manufacture electrical equipments such as communication equipment, radar, industrial and medical measuring or control devices, navigational equipment and computers. They may work in product evaluation and testing, using measuring and diagnostic devices to adjust, test and repair equipment.

### Job Opportunities:

This Course provides ample opportunities in both Government & Private sectors. As need & demand of electricity is increasing, demand for good Electrical Engineers is also increasing. Government Sectors like State Electricity Board, Hydel Power Plant, Indian railways etc. & Companies like Torrent Power, L&T, NTPC, TATA Power, NHPC, Lignite etc. are providing jobs to these diploma holders.

## Career with Diploma in Electrical Engineering

Candidates with this diploma can start their career with Junior Engineer Trainee and can reach the position of Supervisor, Engineer, Executive Engineer and Chief Engineer. They can also work as Electrical Contractors, Maintenance Executives, Electrical Technicians in Industries.



## Laboratories

- |  |  |
|--|--|
| (1.) Fundamental of Electrical Engg. Lab       | (6) Electronics Lab                          |
| (2.) Electrical Workshop                       | (7) Electrical Instrument & Measuring Lab    |
| (3.) Electrical Machine Lab                    | (8) Electrical-Mechanical Engineering Lab    |
| (4.) Basics of Electrical Engineering          | (9) Computer Application for Engineering Lab |
| (5) Electrical Design Drawing & Estimating Lab |  |



# कम्प्यूटर साइंस इंजीनियरिंग-

कोर्स का मुख्य उद्देश्य सूचना प्रौद्योगिकी एवं तकनीकी शिक्षा के क्षेत्र में छात्रों को अग्रणी बनाया जाता है। इस कोर्स में कम्प्यूटर नेटवर्किंग, हार्डवेयर आदि के बारे में विस्तार से शिक्षा दी जाती है। साथ ही नेटवर्क किस प्रकार कार्य करता है, क्या उनकी सीमाएँ हैं तथा आज का आधुनिक युग में इंटरनेट का प्रयोग किस प्रकार से किया जाता है आदि की जानकारी दी जाती है। आज के आधुनिक युग में प्रत्येक स्थान पर कम्प्यूटर का परिचालन किया जाता है, लेकिन बहुत ही कम लोगों को इसके बारे में जानकारी होती है कि किस प्रकार से एक स्थान से बैठे हुए हम विभिन्न प्रकार के कार्य कम्प्यूटर के माध्यम से आसानी से कर सकते हैं। इस कोर्स को पूर्ण करने के पश्चात छात्र गैर सरकारी उपक्रम जैसे एच.सी.एल. कम्पनी, बी.पी.सी.एल, टी.वी.एस., विप्रो, एच.पी., कैनन, ऐपसन आदि बहुराष्ट्रीय कम्पनियों में कार्य कर सकते हैं।

## Diploma in Computer Science & Engineering

The department of Computer Science offers a range of flexible, stimulating and exciting diploma programmes, all supported by world class staff and facilities. BHAVYA provides a learning environment that supports students with no previous computing experiences.

### Job Opportunities:

This course provides job opportunities in Computer maintenance, Software development, Computer training, Computer Operator, Computer sales and servicing in both Private & Government Sectors. Companies like Infosys, Wipro, TCS, HCL Technologies, etc are providing jobs in this sector.

## Career with Diploma in Computer Engineering

Students with this diploma can start their job career with Junior Programmer and can reach Senior Software Programmer with experience.



### Laboratories

1. Computer Language Like C & C++
2. Advanced Microprocessor Lab
3. Fundamentals of Computer Lab
4. Computer Hardware & Maintenance Lab
5. Operating System Lab
6. Components of Information Technology
7. Fundamentals of Electronic Devices
8. Data Communication & Computer Network



## Training

Bhaavya Technical Institute aims to produce sound technical professionals with a temperament of strong logic. For this special efforts are made to groom students to meet the standard of industry, both in technical knowledge and in soft skills. Bhaavya has a separate Training & Placement Cell where students are groomed into competent professionals and are molded to have great careers and achieve remarkable results as professionals. There is continuous College-Industry interface and interactive workshops on emerging technologies are organized regularly. Recently Institute has conducted a Skill Development Program which enhances soft skills of students, builds self confidence and motivates them to learn the better terms of industry thus upgrading the knowledge and skills of students. Bhaavya also indulge its students to undergo Industrial Training for 4-6 weeks to facilitate practical learning experience and industry exposure for them.

## Placement

Placement Department is determined for the placement in suitable organization for the students. Because of very renowned Educational Background, Bhaavya has very nice corporate connections which assist our students in placement. Skills gaps, labour shortages and innovation needs have placed more emphasis on the applied education that Bhaavya Technical Institute offers. After completion of the course students have many possibilities of being placed in Government or Private sector companies and moreover they can start their own venture too.

## Career Counselling

**“A single conversation with a wise man is better than years of study”**

Today's time demands the students to very selective and meticulous in choosing their career options. Bhaavya offers competent counseling services to the enrolled students as well as to the aspiring candidates as far as the choice of subjects, career goals, adjustment to the environment, learning deficiencies, lack of concentration, exam related issues and the poor time management is concerned.

## Admission Procedure

### Courses Duration-3 Years

- \* Qualified in JEE Polytechnic (BTE Entrance Examination) and get admission through counseling.
- \* Candidate must have passed 10th standard or equivalent examination from any recognized board

### Lateral Entry (2nd Year)

- \* 10+2 passed and jeecup qualified or ITI passed.

## Documents Required at the time of Admission

S.No.	Documents Required	No. of Photocopy Sets
1	High School Mark Sheet	Original + 3 sets of Photocopy
2	High School Certificate	Original + 3 sets of Photocopy
3	Migration / Transfer Certificate	Original + 3 sets of Photocopy
4	Photocopy of Category Certificate (OBC / ST /SC)	Original + 3 sets of Photocopy
5	Income Certificate (If Scholarship Required)	Original + 3 sets of Photocopy
6	Residential Proof (Domicile)	Original + 3 sets of Photocopy
7	Adhar Card	Original + 3 sets of Photocopy
8	Colored Photographs	6 Color passport size photo



## Group Institutes:

### **Eshan College of Engineering**

28 K.M. Mile stone, Agra-Delhi Highway, NH-3, Farah, Mathura  
(Approved by AICTE, New Delhi & Affiliated to UPTU & BTE, Lucknow)

## Courses Offered:

#### **B.Tech :**

Civil Engineering  
Mechanical Engineering  
Electrical Engineering  
Electronics & Comm. Engineering  
Computer Science and Engineering

#### **Polytechnic (Diploma)**

Civil Engineering  
Mechanical Engineering  
Electrical Engineering

#### **1.M.Tech:**

Electronics & Comm. Engineering  
Computer Science and Engineering

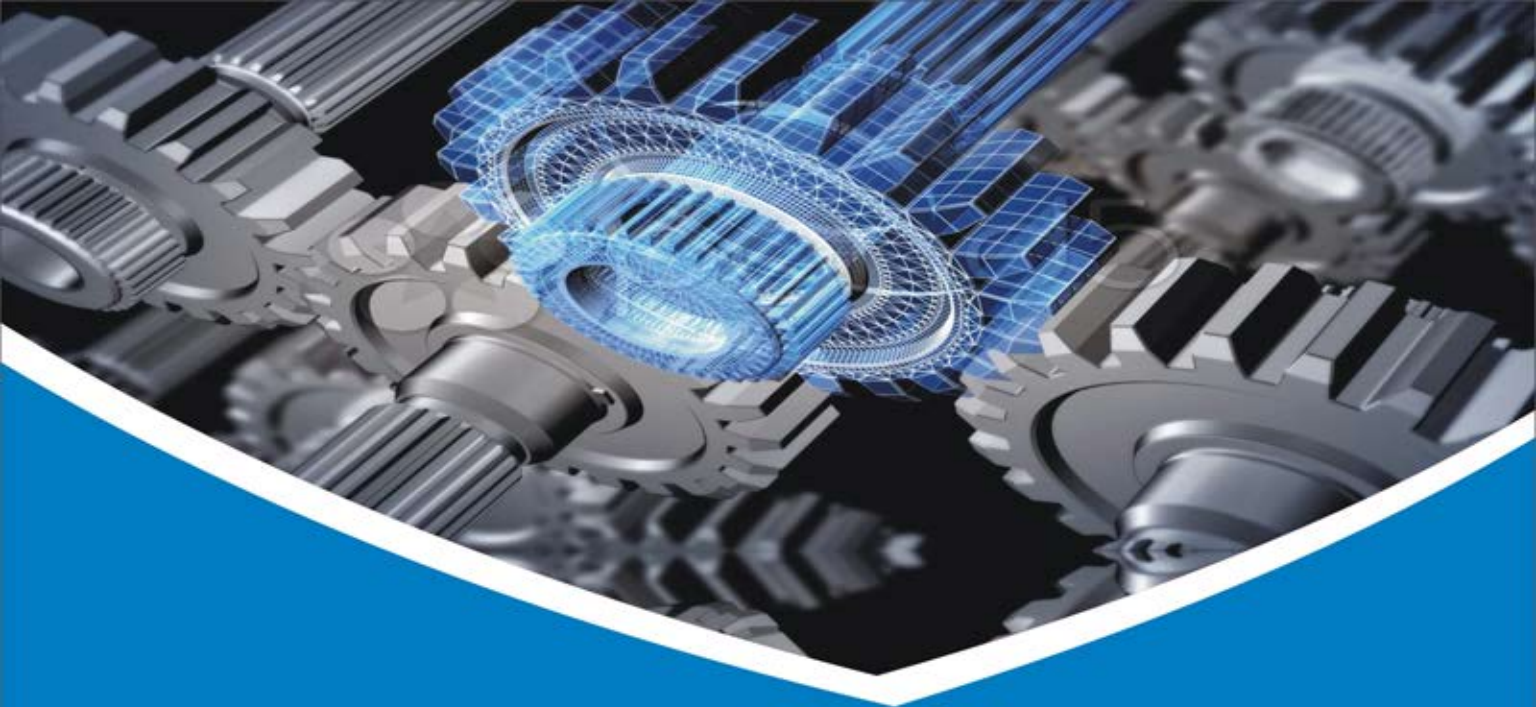
### **Eshan College of Management**

28 K.M. Milestone, Agra-Delhi Highway, NH-3, Farah, Mathura  
(Approved by AICTE, New Delhi & Affiliated to UPTU, Lucknow)

## Courses Offered:

#### **MBA**

Marketing  
Finance  
Human Resource  
Information Technology



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21 K.M. Mile-stone, Agra-Gwalior Highway, NH-3, Tehra, Agra



For Admission Contact:  
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