MAKING EDUCATION MATTER

PROSPECTUS

Approved by AICTE New Delhi
Affiliated to MD University, Rohtak
NTS (Ministry of HRD, Govt. of India)
<table>
<thead>
<tr>
<th>Page</th>
<th>Section</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>The Chronicle</td>
</tr>
<tr>
<td>02</td>
<td>NGFES</td>
</tr>
<tr>
<td>03</td>
<td>Mission, Vision &amp; The Beacon</td>
</tr>
<tr>
<td>04</td>
<td>Chairperson’s Message</td>
</tr>
<tr>
<td>05</td>
<td>A Word from the CEO</td>
</tr>
<tr>
<td>06</td>
<td>Director’s Desk</td>
</tr>
<tr>
<td>07</td>
<td>Deputy Director’s Desk</td>
</tr>
<tr>
<td>09</td>
<td>The Enabler Campus</td>
</tr>
<tr>
<td>10</td>
<td>The Force</td>
</tr>
<tr>
<td>11</td>
<td>Team Work</td>
</tr>
<tr>
<td>12</td>
<td>Assets</td>
</tr>
<tr>
<td>13</td>
<td>Advantages</td>
</tr>
<tr>
<td>15</td>
<td>Cultural Activities</td>
</tr>
<tr>
<td>16</td>
<td>Courses Offered</td>
</tr>
<tr>
<td>17</td>
<td>Mechanical Engineering</td>
</tr>
<tr>
<td>19</td>
<td>Computer Science Engineering</td>
</tr>
<tr>
<td>21</td>
<td>Electronics &amp; Communications Engineering</td>
</tr>
<tr>
<td>21</td>
<td>Civil Engineering</td>
</tr>
<tr>
<td>23</td>
<td>Electrical Engineering</td>
</tr>
<tr>
<td>25</td>
<td>Fashion and Apparel Engineering</td>
</tr>
<tr>
<td>27</td>
<td>MBA, BBA</td>
</tr>
<tr>
<td>28</td>
<td>Library</td>
</tr>
<tr>
<td>29</td>
<td>Sport</td>
</tr>
<tr>
<td>30</td>
<td>Cisco Networking Academy</td>
</tr>
<tr>
<td>31</td>
<td>Microsoft Innovation Centre</td>
</tr>
<tr>
<td>33</td>
<td>IIPC &amp; Job Fest</td>
</tr>
<tr>
<td>34</td>
<td>Industrial Visits</td>
</tr>
<tr>
<td>35</td>
<td>Summer Internship, Campus Interview</td>
</tr>
<tr>
<td>36</td>
<td>Global Connect, OJT</td>
</tr>
<tr>
<td>37</td>
<td>Academic Recruiters &amp; Training Partners</td>
</tr>
<tr>
<td>39</td>
<td>Collaborations</td>
</tr>
<tr>
<td>40</td>
<td>Vocational Training Programme</td>
</tr>
<tr>
<td>41</td>
<td>NTS &amp; CEES</td>
</tr>
<tr>
<td>43</td>
<td>Partners and Affiliates of CEES</td>
</tr>
<tr>
<td>43</td>
<td>MOU’s</td>
</tr>
<tr>
<td>44</td>
<td>Quiz, Medical, Fitness</td>
</tr>
<tr>
<td>45</td>
<td>Radio NGF 90.4</td>
</tr>
<tr>
<td>46</td>
<td>Admission Criteria, NRI seats</td>
</tr>
</tbody>
</table>
NGF college of Engineering and Technology is promoted and run under the aegis of the NEW GREEN FIELD EDUCATIONAL SOCIETY, NEW DELHI who is into education for about five decades. The institution is situated in the clean and green environment of more than 26 acres of land on the 71ST KM stone – National Highway 2 – Palwal. It is approved by AICTE and affiliated to MD University, Rohtak.

NGFCET was established in 2008. The teaching at NGFCET goes beyond curriculum and students are given hands on experience which eventually prepares them to meet the rigours of the present day competitive world. NGFCET offers wide spectrum of technical education in Engineering and Management courses, an excellent study environment, world class infrastructure and training & placement facilities. The renowned institution focuses on creating multidimensional professionals who can shoulder the responsibilities of tomorrow thus MAKING EDUCATION MATTER.
NGF pursues the highest moral, ethical and cultural values and is committed to providing its students with the best infrastructural and human resources available.
MISSION

✔ To create, disseminate and integrate knowledge that expands our student’s knowledge base, which in turn enables the betterment of society.

✔ To be recognized as a highly effective leader in the conduct of interdisciplinary research and the development of innovative approaches in education.

✔ To maintain an intellectually challenging yet supportive and welcoming environment.

VISION

To emerge as a distinctively different 21st century learning community where knowledge is judged worthy to the degree that it can be applied to the immediate solution of critical, societal and technical challenges thereby advantage the greater global good.

THE BEACON

Board of Governors

Board of Governors comprise of key officials and experts from different areas of expertise. The Board consists of eminent educationists, industry experts, businessmen, and corporate heads. It is responsible for the general superintendence of the institute, and for steering & providing direction in related matters.

Ms. Ved Sharma
Mrs. Protima Parbhakar
Mr. J.S. Mann
Mr. N. K. Sharma
Mr. Amit Dixit
Mr. Ashwani Parbhakar
Brig. Ramesh Chandra
Prof. (Dr.) K. J. Parbhakar
Mr. Vishnu Dutt
Mr. Prem Gupta
Dr. Sharat Kaushik

Educationist
Educationist
Educationist
IRS (Retd.)
Educationist
Educationist
Financial Services
Corporate Sector
Educationist
IAS (Retd.)
Businessman
Director

Chairperson
Member
Member
Member
Member
CEO
Member
Member
Member
Member

03
Smt. Ved Kumari, Chairperson New Green Field Educational Society, Delhi, has always held the cause of education close to her heart. Her mission is to enlighten and expand the horizons of young minds and to train them to hone capabilities which has hitherto remained unexplored for the want of good educational facilities. She has played an exemplary role in invigorating the educational programme in the area by establishing state-of-the-art schools in Delhi and an engineering college under the NGF banner.

Ved Kumari, Chairperson

To break the shackles of mediocrity and to reach effortlessly for excellence, a society must lay great emphasis on education. For education to permeate to every level of society and power a surge to inclusive progress, we need active involvement of philanthropists, industrialists and visionaries.

Over the last 50 years, the New Green Field Educational Society has been fortunate enough to gather a talented and committed team. In keeping with our long pursuit of excellence, the Founding Members of NGFES decided to create a seat of higher education amidst serene and verdant surroundings. Far from the madding crowds, this hamlet of tranquility offers the promise of a life lived in meaningful action.

NGF pursues the highest moral, ethical and cultural values and is committed to providing its students with the best infrastructural and human resources available. In the process, NGF aims to match and then surpass the leading national and international educational institutions.

Students walking through the doors of NGF are assured of an education that opens their minds in a positive direction, eventually to lead lives that are fruitful, fulfilling and filled with the hope of a brighter tomorrow. Students are encouraged to pursue their dreams and are assisted with carefully planned interviews and placements.

At NGF. life is beyond mere employability. It is about creating productive members of society who do not sacrifice traditional values as they reach out to their goals. This is because we believe that the journey is as important as the destination. And at NGF it is a continuous journey to reach the pinnacles of knowledge and achievement.
A WORD FROM THE CEO

Sh. Ashwani Prabhakar, CEO of New Green Field Educational Society, Delhi, has more than two decades of experience in leading organizations in the financial sector. He has served with the State Bank of India, United India Insurance, Reliance Financial Services and other concerns before deciding to utilise his hard earned experience and insights into bridging the gap between theoretical education and the needs of the corporate sector. He holds a B.Com, PGDBM, CAIIB and FIII.

“State-of-the-art infrastructure, a competent and experienced faculty and beautifully landscaped environs make NGFCET an empowering experience, akin to a modern day Gurukul.”

Ashwani Parbhakar, CEO

Rapid advancements in technology and globalisation have brought about dramatic change in Indian business environment. Highly competitive markets are pulling tremendous pressure on companies. This has caused a paradigm shift in the way organizations are structured and responsibilities are shared. It is only value based education which can bring about positive changes in this knowledge based global economy by way of transforming the society and bringing dignity to the country. It is the human capital of a country which determines the role of the nation in the decision making process of international institutions like UNO for achieving their respective objectives.

We, at NGFCET, understand the changed role of a professional in today’s business environment. We understand that it takes much more than theoretical knowledge to perform in a team and give the team its winning edge. We understand that business organizations are looking for not merely technically trained students, but multi-dimensional professionals.

Teaching at NGFCET goes far beyond the curriculum and students are additionally given hands on experience on state-of-the-art software tools used by R&D departments of leading industries across the globe. The unique facilities provided include CNC. CAD/CAM Lab. Computer Hardware Lab. software tool. Oracle. Solid works Software etc.
The last century witnessed rapid strides in the fields of science & technology, enhancing human ability to better understand the world within and without. Space programmes were launched, the human genome mapped, surgical procedures perfected and improved, and the pace of progress has only increased in the 21st century. Aiding and energising this process is the simple fact that quality technical education is available to an ever increasing number of people each year. It is a self-perpetuating cycle, with improvements in teaching methodologies leading to better retention, increased innovation and a keener appreciation of the necessity of strengthening the societal commitment to quality education.

State-of-the-art infrastructure, a competent and experienced faculty and beautifully landscaped environs make NGF College of Engineering and Technology an empowering experience, akin to a modern day Gurukul. NGFCET is permeated with a spirit of inquiry, of tireless striving to enhance the research and academic aptitude of students and staff. It is a place where, in the immortal words of Guru Rabindranath Tagore, “the clear stream of reason has not lost its way into the dreary desert sand of dead habit”.

At NGFCET we strive to provide sound technical knowledge to budding engineers and future technocrats. with a belief that it would eventually help India become more self-reliant in areas needing technological development. We endeavour to improve the facilities every year and keep abreast with the latest international developments in this fast changing world.

One often says, seeing is believing. I invite prospective scholars and their parents to visit NGFCET Campus and see for themselves the excellent facilities available here for the benefit of our students.
Modern world offers amazing opportunities to showcase our talent. It provides venues to harvest the best of what human civilisation has created. Understanding the challenges facing us makes us deliver what is required for sustainable technology solutions leading to sound eco systems around. At NGFCET, the education system and the professional environment in the campus developed henceforth supports our students in eliminating their inhibitions and discover their potential. We use academic and technology platforms for training and practicing skills and developing competencies of our students at conceptual, intellectual, emotional and physical levels to help them achieve and surpass their limits.

Being one of the founding members of ‘Palwal Chamber of Commerce and Industry’ gives us a unique advantage to foster stronger ties with industry. We focus on technical trainings on the latest technologies, Seminars on contemporary industry practices for our students. Our educational practices supplement the university curriculum and thus preparing our students to design their own paths as entrepreneurs and get a head start in the competitive environment.

It is always the humanistic tendencies that are going to surpass the miracles of technologies. NGFCET provides culturally diverse environment that helps students accept each other and help them appreciate the differences and grow out as mature thinking individuals. Special workshops on Human Skills help our students understand the human side of the technology driven business systems.

At NGFCET, we use all academic and industry means to develop competent human resources and are committed to empower the young minds with knowledge that carries a power to provide solutions to the challenges of the ever evolving global community.
NGF campus which is spread over 26 acres of land, presents a spectacle of harmony in architectural and natural beauty. It’s lush green lawns with picturesque landscape adds to its ambience and serenity. Apart from exclusively designed and beautifully crafted buildings of different nature and status, they are eco friendly, well ventilated and flooded with day light. NGF has a special emphasis on water conservation. All rain water is harvested for irrigating the plants. This is our humble contribution towards preserving the environment.

The academic block houses, laboratories and lecture theatres for different departments. A large seminar hall with all modern amenities and equipments for sound and projection is located on the ground floor for common use.

A centrally air-conditioned library equipped with 27000 books is present on the 1st floor of the front block. A language lab, cafeteria, some multipurpose rooms for reading and indoor games, huge playing field are also available in the campus.

The whole campus is enabled with Wi-Fi accessibility. Workshop with latest instruments and apparatus, 100% power backup for uninterrupted flow of power are some of the additional facilities.
THE FORCE

The academic strategy of the institute places the students as one of its prime assets. The institute capacitates an enrolment of 654 students over six undergraduate and four postgraduate courses. The institute is committed to providing a stimulating environment to encourage learning during the course of their studies.

Shifting the frame

Exploring Newer Dimensions
Education can be used to investigate new dimensions, which are aimed at pragmatic affordances of altered ways of thinking. NGFET has constructed its philosophy of progressive thinking. Students exhibit their talents through projects and paper presentations which cater to the demands of everyday life situations.

Integrated Learning
NGFCET stands for the value of inquiry based teaching and learning. The academic core facilitates the basic knowledge and the students create new innovative projects applying the concepts thus paving the way for creativity. It is this integrated learning at NGFCET that provides a unique platform to its students transforming them into profession and preparing them for a wide variety of careers. Cutting across speciality, the students are encouraged to work with a cohesive approach to learning.

Industrial Dynamics
The emphasis is on professional development of students. The teaching methodology promotes interactivity, critical to students’ understanding, development and maturity. Students undertake classroom and workshop assignment, conduct field studies, participate in group discussions and critique sessions. Hands on experience on live industry projects allow the students to brace themselves for the industry and other entrepreneurial possibilities. The training and Placement cell works ceaselessly to provide each student the right corporate exposure and in-house training so as to mould them into true professionals.
**TEAM WORK**

### Critical Appraisal

The critical appraisal of every step encourages self improvement. The evaluation system closely monitors the students’ evolution through the course study. The evaluation pattern focuses on the gamut of learning practices and corresponding evaluation tools like task based assignments, research papers and written examinations throughout the academic calendar. Presentation and viva examination provide qualitative evaluation in the overall development of the students.

### Team Building

With a view to encourage team building, trust & motivation the institute conducts workshops as part of their learning the course. The faculty members help the students to introspect and discover themselves from a fresh perspective. Behavioural training complements the classroom inputs to maximise learning. The workshop integrates activities like team work, planning and co-ordination, personal and social communication and self-realisation.
Faculty

The inspiration: A highly motivated, dedicated and experienced faculty guide the students towards fulfillment of their potential. The NGF Faculty is not only rich in experience but also hold provisional patents, a testament to their commitment to innovation. The NGF college also offers fellowship and support for research oriented student and faculty projects.

Faculty of the institute articulates a sense of experience and dynamism inspiring the students to realize their professional goals. NGFCET faculty build critically engaged teaching practices while testing their relevance through a wide range of projects and contexts. Students enhance their talents by working with the faculty members on various real technology oriented projects gaining invaluable knowledge, experience and awareness on application and industry dynamics. Students are sent for internships to update their knowledge and gain work experience. The faculty is a constant source of inspiration to the student commune encouraging them to integrate function with specialized knowledge. NGF faculty is the strategic enabler in transforming the vision of the institute into reality. Trained at some of the leading Engineering colleges of the country, the faculty brings to the classroom professional capabilities, wide exposure and years of hands on industry experience.

Certificates for research

The institute considers its students as the main asset for its development. It is a great pride to realize that the students have achieved many certificates for their research activities thereby bringing laurels to the institutions. It not only enhances their confidence, but also inspires their juniors and peer group. We are proud to display their certificates and encourage them to work more in this direction.

Paper Presentation

Faculty member update their knowledge continuously to improve their professional qualification and personality. They constantly prepare their research papers and present them in the national conferences. Altogether faculties have presented about 230 papers in difference seminars and conferences in their respective subjects. Thus the institution gains the reputation of well qualified faculty members which adds to the benefits of the students too.

The Path Finder

The highly experienced faculty progresses towards continuous updating of the knowledge by attending and conducting seminars, symposia etc. The strategy shaped by the faculty aims at a distinctive ability to create an influential research-intensive environment. Effectively playing the path finders role, the faculty pool is working towards enhancing the research profile of the institute, fostering a new generation of leaders of the future.
NGFCET offers a platform and guidance to the final year students to pursue their studies abroad. Interested students are given the privilege to attend guest lectures and specific programmes delivered by experts from various embassies to apply to the wide numbers of universities overseas for further studies.

Guest lectures, seminars by corporate heads and workshop are regular features in NGFCET. The lectures are organized for better exposure, to be abreast with the demands and requirements of the industries to promote employability. The insight of any subject with a different perspective from the viewpoint of the expert increases the knowledge and understanding of the students.

The transport facility is available for the students and staff. A fleet of college buses pick up the students from Delhi, Faridabad & Palwal. The charges for the transport services are nominal as they are run under no profit no loss basis. A fleet of buses help the students reach the college on time.

The institution has a hostel with 24 hrs security. The hostel has separate wings for boys and girls. The boys are accommodated in the boys hostel in the campus while girls are housed in a separate hostel in Faridabad. The rooms are spacious, airy, well lighted and fully furnished. All basic amenities are provided including 24 hrs electricity supply, clean water and indoor as well as outdoor creation facilities. The mess in the boys hostel is equipped with hi tech machines to prepare the food quickly and hygienically. It has the provision to feed 80 students at the same time. The boys hostel has a strength of 200 students while girl's hostel in Faridabad accommodates 80 students. The transport facilities are provided to the girls to commute from the hostel to the college. It is a home away from home.
Personality development classes are conducted and students are given guidance to confront campus interviews and group discussions. Regular lesson in behavioural patterns and mannerisms are given to boost their confidences. Special English classes by experienced experts are held to improve the soft skill development and interaction among the peer group. Model DVDS on interview skills, public speaking are shown to give them an insight of the present day demands.

The Colleges campus has state-of-the-art facilities for a variety of sports including:
- Badminton
- Cricket
- Hockey
- Soccer
- Tennis
- Table Tennis
- Volley Ball
- Golf etc.

NGFCET leaves no stone unturned in encouraging the students for their able academic performances. NGF Society offers Scholarship worth ‘One crore and 20 lakhs. NGFCET is ahead of everyone in supporting and encouraging the able students for their academic excellence. The institution gives away the prize generously to motivate others to follow the reverence.

NGFCET has special provision to teach foreign languages, a feature which is found in none of the college in Palwal and nearby areas. French and Spanish languages are taught in order to cope up with the ever increasing globalization. It is a Universal fact that multilingual ability gathers more momentum specially in the area of employment. Our institution is equipped with French and Spanish linguistic experts to promote the language, culture and tradition of the respective countries among the students thereby making them ready for a wider range of job opportunities. Moreover the urge to learn the foreign language is fulfilled, which is a positive attitude towards life and employment.
Cultural Activities

For the overall development of the students, they need to indulge in areas of interest apart from scholastic activities. It is the opportunity to showcase the hidden talents of the students. NGFCET organises annual fest and fresher’s party to enable the students to develop a friendly relationship with their senior and peer group. Fashion show is an important feature of the fest. Annual function is conducted in the month of Feb.
## COURSES OFFERED & the no. of seats

### B.Tech
- Computer Science Engineering: 120 seats
- Electronics and Communication Engineering: 60 seats
- Mechanical Engineering: 120 seats
- Electrical Technology: 60 seats
- Civil Engineering: 60 seats
- Fashion and Apparel Engineering: 60 seats

### M.Tech
- Electronics and Communication Engineering: 18 seats
- Mechanical Engineering: 18 seats
- Computer Science Engineering: 18 seats

### MBA
- Master of Business Administration (MBA)
- Dual Specialization
- Under CBCS (Choice Based Credit System)
  - Finance
  - Marketing
  - Human Resource
  - International Business
  - Information Technology: 60 seats

### BBA
- BBA - (General): 60 seats
- BBA - CAM (Computer Aided Management)*: 60 seats

*Proposed*
The career options for a MECHANICAL ENGINEER are numerous like power sector, steel sector, defence, aviation, oil and gas shipping, space research, railways, automobiles, consumer goods etc. The profile of mechanical engineer has been of vital importance in any industry at every stage namely design, supply chain, operation, quality customer support etc.

The branch of Mechanical Engineering is the study of material, machine and method popularly known as 3M. The above parameters along with another M i.e. 'Man' form the basic requirement of everything we have today.
M. TECH

Degree  M.Tech
Duration  2 Years
Seats  18
HOD  Mr Tarun Gupta

Labs
- Advanced Thermal Lab
- Instrumentation and Measurement Lab
- Numerical Analysis and Optimization Lab
- Heat and Mass Transfer Lab

Career options of the course
- Lecturers, Researchers, Piping Designers,
- Planners, Maintenance Engineers Field Service Engineers, Independent Consultants etc.
Computer Science Engineering

Degree: B.Tech
Duration: 4 Years
Seats: 120
HOD: Dr. Kuldeep Tomar
Educational Qualifications: M. Tech, Ph.D
Work Experience: 16 years
Paper Presented: 40 (National & International)
Books Written: 01
Faculty Members: 16

The Department of Computer Science & Engineering at NGFCET is known for excellence in cutting edge research and innovation in teaching. The spacious and fully air conditioned ultra-modern computer Centre at the college campus offers students a best-in-class study experience. Using a large number of high end computers (above 450), software and peripherals, advanced Multimedia; students get to train themselves with advanced technologies. The entire experience prepares the student for a highly advanced world of computers and technology.

Career options of the course

Career in IT is considered one of the most high-paying jobs and is full of opportunities; particularly when India’s prowess in information technology industry is recognized across the globe.

The pool of talented computer engineers working in IT companies of the USA and Canada shows that IT can take a person to higher levels. Numerous IT companies from India employ huge number of computer professionals in their Indian and overseas offices.

They become developers of integrated hardware/software solutions,
system analyst, architects, testers or product supporters, developers in Management positions, database analysts, communications Engineers, network architects, jobs connected to design, development, assembly, manufacture, maintenance, programmers web developers, E-commerce specialists etc.

Labs


M. TECH (Computer Science)

Degree: M.Tech
Duration: 2 Years
Seats: 18
HOD: Dr. Kuldeep Tomar

The Institute offers postgraduate course of Technology Programme in Computer Science The aim of the programme is to train students in high level theoretical knowledge which enable them to tackle practical complex problems of design and development in the industrial fields. It enhances further academic achievements through research.

Career options of M. Tech (Computer Science)

Teaching job in colleges, Eligibility for civil services exams, central government jobs, research professionals / independent consultants, start up entrepreneur.
Electronics & Communications Engineering

Degree  B.Tech
Duration  4 Years
Seats  60
HOD  Ms Suman Dagar
Educational Qualifications  M. Tech
Work Experience  12 years
Paper Presented  10 (National & International)
Faculty Members  12

Performance of electronic devices and complex circuits could be better understood in this fast emerging course named as “Electronics & Communication Engineering”.

Labs

The Electronics Communication department use the Hi-Tech labs for the students and the staff to work on. The labs are: Data communication labs, robotics research project lab, design and circuit lab, embedded system design lab, microprocessor interfacing lab, control lab, analog electronics circuit lab etc.

Career options of M.Tech

The programme is full time course work that is to be completed in two years. The course work is aimed at providing a student with sufficient breadth and to carry out research. The main emphasis is on the research work leading to a thesis.
They become Research Scientists, Divisional Engineers, Superintendent Engineers, Engineers, Chief Engineers in Production and product development in MNCS.

M. Tech Electronics & Communications

Degree  M.Tech
Duration  2 Years
Seats  18
HOD  Ms Suman Dagar

The M.Tech programme in Electronics and Communication Engineering (ECE) is a research-based programme that imparts the knowledge, skills and attitude to contribute to world class research in the area of ECE. The research can be in any of the broad areas in ECE.
The College has expert and experienced faculty in Electronics & Communication Engineering, excellently supported by experts from reputed big industrial houses and renowned academicians as visiting faculty. The strong features of the College are: e-Library with latest literature, spacious and well-equipped laboratories (DSP, VLSI, Embedded and Wireless Comm.) and workshop, broadband internet Wi-Fi facility.
Career options of the course

With the present trend to urbanization and industrial development there is a tremendous scope for the civil engineering graduates. They become Civil engineers at the building site, Supervisor Engineer, Deputy Engineer, Project Manager, Assistant Engineer, Divisional Engineer in central / state government and private sectors.

Civil Engineering

Degree: B.Tech
Duration: 4 Years
Seats: 60
HOD: Mr. Ranjan Kumar
Educational Qualifications: M. Tech, Phd Pursuing
Work Experience: 25 years
Paper Presented: 10 (National & International)
Books Written: 05
Faculty Members: 10

The branch of civil engineering deals with the study of surveying, soil mechanics / geotechnical engineering, structure and structural analysis, construction materials etc.

Labs

- Mechanical Workshop
- Basic of Mechanical Engineering Labs
- Engineering Drawing
- Surveying Lab
- Structural Analysis Lab
- Building Drawing Lab
- Fluid Mechanics Lab
- Concrete Lab
Labs

Emmi lab, Electrical workshop and machine lab, Electrical machine, Power electronics, Cad lab, Power system lab, Electrical drives & control lab, Caps lab, FOCP lab, Physics lab, Electrical lab, Basic electronics, Chemistry lab, Basics of mechanical engineering lab, Workshop technology, EMI lab, Power Electronics lab, Microprocessor lab, Electrical machine lab, Control system lab, Microcontroller lab, Computer aided design lab, Power system lab, Power system lab, EDC LAB, DSP LAB, CAPSA LAB.

Electrical Engineering

Degree          B.Tech  
Duration       4 Years  
Seats           60  
HOD            Mr Vinod Kr Sharma  
Educational Qualifications  M. Tech, Ph.D Pursuing  
Work Experience   17 years  
Paper Presented  5 (National & International)  
Books Written    01  
Faculty Members   10  

The prospects of Electrical Engineering will never fade as it is the heart of all Engineering disciplines. Electricity has become the basic need for survival globally, from house hold to Industrial Plants, communication, satellite, navigation system etc. The college has extensive laboratories, upgraded for experimentation to be carried out by the students as a part of their curriculum. Further the laboratory tasks boost the research and development activities in Electrical Engineering related fields.

Career options of the course

Electrical Engineers are needed in all Manufacturing units. All major companies of Public and Private sectors such as Electricity Boards, Large scale industries, Manufacturing Plants, Power Corporations, Hydro Electricity Sector etc. Electrical Engineering being a ever green field, there had been a high demand for Electrical Engineers in Design Industries, Production Plants, Natural Gas Plants, and Petroleum as well as in Steel and Chemical plants.
Fashion and Apparel Engineering

Degree: B.Tech
Duration: 4 Years
Seats: 60
HOD: Ms Neha Arora
Educational Qualifications: M. Tech
Work Experience: 6 years
Paper Presented: 5 (National & International)
Faculty Members: 10

Fashion is not something that exists in dresses only! Fashion is in the sky, in the street, in the shops among the people. Fashion has to do with ideas, the way we live!

Fashion and apparel Engineering is a course dedicated to the design of apparel and lifestyle accessories. Fashion and Apparel Design incorporates all the production activities involved in the development and manufacture of apparel items for men, women and children. These include the manipulation and experimentation of textiles to generate ideas that will then be translated into three-dimensional form through pattern drafting and / or draping and sewing. The course accommodates from picking of threads to weaving.

Field trips to showrooms, museums are frequently arranged that help to broaden the knowledge of the fashion industry.

Career options

The programme prepares students to pursue careers as Designers, Design Managers, Stylist, Exhibition and visual display experts, forecasting and fashion trends forum organizers costume designers, illustrators, pattern engineers and entrepreneurs.
Main subjects & their Relative Topics

The Bachelor of Fashion (Apparel Engineering and Design) aims to produce graduate with the capabilities required by the industry as it moves forward in the 21st century. Graduates of this course will have a thorough understanding of each of the areas within the textiles, garments, computer management: design innovation, pattern engineering, manufacturing and pre-production, and professional industry practice.

The course will provide students with a depth of patterning, design knowledge and skills, both manually and electronically, through the use of computer aided design technology. This will provide graduates with a strong skill set with which to enter and add value to textiles clothing, both domestically and internationally. Graduates are equipped with the business and communication skills necessary to convey their creative ideas to other and develop them into commercial products. Unlike Nift, it focuses a wider area of education starting from textile to apparel production. The following flowchart presents the various tasks involved in the Fashion and Apparel Engineering.

<table>
<thead>
<tr>
<th>Fashion</th>
<th>Textile</th>
<th>Garments</th>
<th>Computers &amp; Management</th>
</tr>
</thead>
<tbody>
<tr>
<td>Evolution of fashion &amp; clothing</td>
<td>Textile raw material</td>
<td>Textile &amp; Garment testing</td>
<td>Professional ethics in engineering</td>
</tr>
<tr>
<td>Fashion Market &amp; Merchandising</td>
<td>Fabric formation</td>
<td>Garment manufacturing technology 1 &amp; 2</td>
<td>Textile design by using CAD</td>
</tr>
<tr>
<td>Textile &amp; fashion costing</td>
<td>Fabric Structure</td>
<td>Garment production machine &amp; equipments</td>
<td>Fashion designing using CAD</td>
</tr>
<tr>
<td>Fashion Selection</td>
<td>Tradition Indian Embroidery Textile</td>
<td>Apparel production planning &amp; scheduling</td>
<td>Operational research</td>
</tr>
<tr>
<td>Quality assurance in fashion industry</td>
<td>Color &amp; Dyeing concept</td>
<td>Garment processing &amp; finishing</td>
<td>CAPM for men's &amp; women's wear</td>
</tr>
<tr>
<td>Fashion accessories</td>
<td>Knitted fabric structure</td>
<td>Automation in garment</td>
<td>Computer aided designing</td>
</tr>
<tr>
<td>Fashion selection</td>
<td>Dyeing of textiles</td>
<td>High Tech Garment</td>
<td>Indian business environment</td>
</tr>
<tr>
<td>Advance fashion Construction technique</td>
<td>Chemical &amp; mechanical finishing</td>
<td>Garment finishing</td>
<td>Retailing &amp; fashion promotion</td>
</tr>
<tr>
<td>Home fashion</td>
<td>Home Textile</td>
<td>Apparel Marketing &amp; Merchandising</td>
<td></td>
</tr>
</tbody>
</table>

The Bachelor of Fashion (Apparel Engineering and Design) aims to produce graduate with the capabilities required by the industry as it moves forward in the 21st century. Graduates of this course will have a thorough understanding of each of the areas within the textiles, garments, computer management: design innovation, pattern engineering, manufacturing and pre-production, and professional industry practice.

The course will provide students with a depth of patterning, design knowledge and skills, both manually and electronically, through the use of computer aided design technology. This will provide graduates with a strong skill set with which to enter and add value to textiles clothing, both domestically and internationally. Graduates are equipped with the business and communication skills necessary to convey their creative ideas to other and develop them into commercial products. Unlike Nift, it focuses a wider area of education starting from textile to apparel production. The following flowchart presents the various tasks involved in the Fashion and Apparel Engineering.
Master in Business Administration (MBA)

Degree: MBA (Dual Spl. +CBCS)
Duration: 2 Years
Seats: 60
HOD: Dr. Manpreet Kaur
Educational Qualifications: B.Tech, MBA, Ph.D
Work Experience: 16 years
Paper Presented: 9 (National & International)
Books Written: 01
Faculty Members: 15

Degree: BBA
Duration: 3 Years
Seats: 60

Career options
HR Professionals, Financial Professionals, Marketing Professionals, Central / State government, PSUS, MNCs and private firms.

Labs
Information & Communication Technology Lab, Communication Skills Lab, Personality Development Lab, Professional Training lab, Entrepreneurship Development lab, computer lab with LAN, internet and Wi-fi facility.

Industrial & Field Visit
Industrial Visit is a part of the course, during which students visit companies and get insight into the internal working environment of a company and how a company functions, as well as useful information related to the practical aspects of the educational course which cannot be visualized in lectures.

Industrial visit is considered one of the most tactical methods of teaching. It provides students with an opportunity to learn practically through interaction, working methods and employment practices. Moreover, it gives exposure from an academic point of view.

Management education involves a process of learning through life by self-teaching and on-the-job training. Here at NGFCET, we aim to create an ideal centre of excellence keeping in mind the best moral, ethical and cultural values. There by contributing towards mission of developing multi-skilled and multi-dimensional professionals having strong ethics.

Activities
The Management Deptt. organises various academic sports and cultural activities, to encourage team spirit among students and our students actively participated in all.

Management studies focus on developing multi-skilled and multi-dimensional individuals with Professional Ethics.

Business Administration will challenge your intellect, advance your managerial skills and boost your career prospects. You will gain an understanding of Financial Management, Economics, Operations Management, Research, Banking, Law, Human Resources, Marketing and Strategy. By linking these specialist areas, you will gain insights into how organizations function!
In the 21st century, information is the most important resource and knowledge management is the most crucial function in an Institution. Visual and creative material resources are the only systematically documented source of information available to keep the faculty and students abreast with the day to day knowledge exploration. The resource, materials are piled up in the well equipped centrally air conditioned computerized library of the college-28930 books are stacked under 4971 titles. This includes 12930 reference books and 16000 text books circulated in the books bank.

The library subscribes to 1330 National and International e-journal through different agencies and publications. It also subscribes to a total of 152 (106 National + 42 International) journals / periodicals.

We are the proud members of DELNET (Development Library Network Membership), CSI (Computer Society of India), ICC (Indian Cryogenics Council), and ILA (Indian Library Association).

The whole process of Library activities as acquisition, cataloguing, circulation, OPAC (online public access catalogue), serial control etc are automated.

We also provide the facility to access previous years Question papers in our website. It is available in the library software too.
Sports

HOD: Mr Jitender Tewatia
Educational Qualifications: B.A, B.Ped, MA Phy, NIS (Coach)
Work Experience: 13 years
Awards: 10
Team Members: 02

The college has well defined Cricket, Football and Basketball teams among the outdoor games. Students participate in competitions at the state level and have brought laurels to the institution. The vast playground is a great attraction for the sport lovers and it is well taken care by the Head of the Department Mr Jitender Tiwatia.

Table tennis is well marked sports as the indoor game in the premises and the interested students have revealed their talents time and again. Besides the sports activities the college has the equipments to improve physical fitness. The HOD and his team members contribute all efforts to keep up the discipline in the college.

The constant vigilance by the department over the students keep the latter in perfect order enabling the institute to run smoothly.
THE CISCO NETWORKING ACADEMY PROGRAM

This program was launched in 1997, by Cisco who is world leader in networking. The Cisco Networking Academy Program is a world-wide program aimed at creating a pool of trained networking specialists. Cisco Networking Academy has been a global success with over 10,000 academies across more than 165 countries. Since its launch in India in 2000, it has grown to nearly 200 Cisco Networking Academies across India and impacted several thousand lives. With its focus on bridging the rural and the gender divide through special programs, it is creating a common platform: the Human Network. Networking Academy delivers a comprehensive, 21st century learning experience to help students develop the foundational ICT skills needed to design, build, and manage networks, along with career skills such as problem solving, collaboration, and critical thinking. Students complete hands-on learning activities and network simulations to develop practical skills that will help them fill a growing need for networking professionals around the world.

CISCO Networking Academy in NCR

- CDAC NOIDA
- AMITY UNIVERSITY NOIDA
- NGF COLLEGE PALWAL

The Cisco Networking Academy Program at NGFCET

NGFCET HAS BEEN APPROVED TO RUN CISCO NETWORKING ACADEMY. (w.e.f 10 September 2013)

- Initially Cisco has approved CCNA (Cisco Certified Network Associate) program to be conducted.
- NGF has faculties who have taken instructor training from Cisco.
- NGF is setting a Cisco CCNA Lab as per Cisco networking academy norms.
- We have also taken approval from CompTIA for A+ certification and trained seven B.Tech students.
Microsoft INNOVATION CENTRE

Microsoft is the sole owner of the Microsoft Innovation Centers (MICs). Microsoft Innovation Centers are state of the art technology facilities for collaboration on innovative research, technology or software solutions, involving a combination of government, academic and industry participants. MICs and NGF College of Engineering & Technology (NGFCET) through Memorandum of Understanding (MOU) agree to promote education and hereby express their intentions to collaborate in new Microsoft technologies and software.

The Microsoft Innovation Center is helping us accelerate the development of new projects in a way that we never could before. NGF and MIC both are agreed to develop Windows App Development Program and Windows Mobile App Development Program which include many courses such as learning of Visual Studio C++, Window Azure and Microsoft Cloud Computing. MICs and NGFCET are working on the collaborative and educational activities in the academic areas of mutual interest, on a basis of equality and reciprocity.

Primary MICs areas of focus include:

Skills and Intellectual Capital: The Skills Accelerator focuses on intellectual capital and people enablement with software, business management and marketing courses, software development courses, and employment programs for students.

Industry Partnerships: The Partnership Accelerator focuses on enabling successful partnerships by connecting people and organizations in the innovation ecosystem. The MICs do this by offering programs on partnering with Microsoft, and by cultivating local and regional industry alliances that support the growth of software ‘industry clusters’ and software quality assurance programs.

Solutions and Innovation: The Innovation Accelerator focuses on enhancing local capacity for innovation through hands on engagements. This includes labs for ISVs, startups, partners, students, and entrepreneurs.
Activities held at NGFCET as MIC

- 4MSP’s are shortlisted for Microsoft Imagine Cup 2016 India’s Finals.
- Training on Microsoft Azure Camp by BSP Technologies on 9-10 Dec 2015. 160 students participated.
- Approx. 450 Software downloaded from Dream Spark in 2015.
- 9 MSP’s 2015-16 (Microsoft Student Partners) selected from NGFCET.
- Approx. 150 Certification done from MVA
- 45 students registered for MSP Program Nominations Open for 2015-2016.
- 50 students and 5 faculty members attended People of Action Taj Palace, 23rd Sept, 2015
- 50 students and 5 faculty members attended Exclusive Event @ American Center | New Delhi - 31st August, 2015.
- 14 students and 2 faculty members attended exclusive event for women in technology by ABI. Delhi-NCR on 27th August, 2015 at ITC Maurya, New Delhi
- 2 students and 2 faculty members attended MSP-MVA Women in Tech Referral Campaign
- Chinese Gov’t officials from CHINA (WUZHOU STATE) visit to NGF-MIC Centre May, 2015
- NGFCET hosted Imagine Cup National Finals on 22-23 April 2015 where Mr. Joseph Landes was Guest of Honour. 29 teams (120 students) from all over India participated in the event.
- 1 Team from CSE Department (DEFT) qualified Zonal imagine cup camp and became national finalist for the year 2015.
- Training on Azure by BSP Technologies on 20-22 April 2015. 120 students participated.
- Zonal Imagine Cup Boot Camp 10-11 March 2015.
- Total 175 Apps on Store (105 Phone + 70 Windows).
- A webinar was conducted on Webinar Editions of Azure SQL Database.
- Microsoft Student Partner (7 MSP) achieved 2014-15.
- Microsoft Talent India 2014 participation.
- In house Training Class for App development.
- Microsoft Student Associate (MSA-2) Achieved.
- A webinar was conducted on Introduction of Virtual Machines on Azure.
- Window Phone App Development Summer Training 7 - 27 July 2014; 27 students Registered
- Microsoft Faculty Connect Summer Symposium 26th - 27th June, 2014
- Microsoft Student Partner (3 MSP) 2013-14 achieved.
- Comm-Sure Class Demo & 200 Key Distribution, March, 2014
- Visit to attend Seminar on Azure at Microsoft, Gurgaon on 27 Feb 2014
- Professional Talk on Azure by Mr. Prabhjot Bakshi (26th Feb, 2014)
- Microsoft Zonal Imagine Cup 2014 (25th Feb, 2014)
- MIC meeting Microsoft, Gurgaon on (19th Feb, 2014)
- Microsoft Imagine Cup Inauguration-2014 (13th Dec, 2013)
- Microsoft Imagine Cup 2014 - 1000 Student registration
- MIC Centre Inauguration (4th Dec, 2013)
- Windows Appathon Fest
- Microsoft Apps Development Training (24-26 Oct, 2013)
INDUSTRY INTERACTION PARTNERSHIP CELL (IIPC)

The Placement cell at NGF College has established Employability Guidance System through in-house training programmes. The cell organises pre placement workshop for enhancing the technical and soft skills of students by inviting prominent HR Consultants and senior executives, technocrats from leading industries.

The Department of Training & Placement is the backbone of any Institute and generates awareness about industry and career trends among the students by organizing company visits, informal and formal discussions, workshop and guest lectures.”

JOB FEST

It is very important procedure of every professional college & it is the final expectation of every student when they complete their tenure in the campus. NGFCET is in the radar of corporate. MNC keep hiring our students on a routine basis.

We are blessed that we are consistent in fulfilling this promise to our students and their parents. The credit goes to the entire NGFCET team including students, staff and the management team. Every session we organize 2 Job Fair & 2 placement week & Exclusive Campus drive also. NGFCET’s outreach in the industry and the perfectly well coordinated Job fairs have made our MNC partners assure us that they will regularly attend our fairs.

NGFCET educates, moulds, prepares the students for getting employment in a decent company with a good package. More than two hundred students selected in recently organized job fest in November 2016. Over the years, our students have become the preferred ones for campus placement by all leading organizations. Better & viable profiles and posts are offered to students in campus interviews, outside market competition for which could be quite high. In campus when the interviews are being held in the college campus, the teachers are out there and the students have been oriented about upcoming opportunities. These factor work a lot, both directly as well as indirectly, boosting your confidence, morale etc.
**INDUSTRIAL VISITS**

The placement process starts with industrial visits for the students. Industrial visits are arranged to inspire and motivate the students to organise their thoughts by proper industrial exposure. The students get gradually prepared for the working atmosphere in the industries with the help of constant visits over a period of two to 3 years. Last year IIPC had arranged the visits for the students in the following companies.

- Parle G
- RBM Industries
- Varun Beverages
- Escorts
- Yakult Exhibitions
- Mother Diary
- Electronic a India
- Applied Environmental Research Foundation
- Neumann
- PR Packaging
- Pranav Vikas
- Sterling Tools
- Havells
- NTPC Mujaedi
- Petroleum Conservation Research Association
- Narora Atomic Power Plant etc.
SUMMER INTERNSHIP

Summer internship is an excellent opportunity to utilise time and learn new notions in a new working environment. It is certainly a chance to mould the students to the requirements of the corporate world temporarily.


CAMPUS INTERVIEW

It is a very important procedure of every professional college and it is the final expectation of every student when they complete their tenure in the campus. Our students have been placed successfully and the efforts continue to help the new batch of students. NGFCET educates, moulds, prepares the students for getting employment in a decent company with a good package. Top corporates participate in the placement process NGFCET has tie ups with Pepsico, Bharti Airtel, Reliance, Pantaloons, Tech Mahindra, SBI Escorts Ltd. Varun Beverages and many more. These companies have visited and conducted talent search on the campus. Job fairs are conducted to give wide opportunities to all the students and provide them a choice to choose appropriate jobs. RH International. Toyota, Millennium Toyota, Wipro, V’ customers, HDFC Bank, Lilliput Career Builders, AVV Enterprises, Meta Design had placed our students last year.
ON THE JOB TRAINING

It is another golden opportunity for the students to get industry exposure in a secured state. They are exposed to various live problems which they may confront in real situations ahead.

They experience the gap between theoretical studies and actual work in a company and finally learn to fill the gap up with their practical knowledge. The IIPC at NFCET send the students to the following companies for the on the job training. GKN Driveline, NTPC – dadri, Edgate Technology – BLR, Whirlpool, India Engineering Centre Noida, Insta Power-Gurgaon, Bharat Heavy Electricals Ltd., Hindalco Industries Ltd., Audriz Hydro Electricals, NTPC – Badarpur, Honda Motorcycles & Scooters Manesar, Goshi India Auto Parts Pvt Ltd. Bawal, JCB India Pvt. Ltd., Sony India New Delhi, Rajshree Steering Pvt Ltd., P L Engineering Gurgaon, Indication Instrument Faridabad, Sukhumani Electronics Ballabh Garh, Aricent India Gurgaon, C & S Electric Power India – Noida,

GLOBAL CONNECT

The academic strategy of NGFCET embraces internationalism. The core activities of the institute have enhanced its international visibility and standing NGFCET has strategic agreement and partnership with LIFE WAY COLLEGE, New Zealand that share the same academic direction. The international collaboration allows the students to experience study abroad options through exchange programmes. NGFCET was honoured by the presence of MS Birdie of IBM (International Business Academy) Denmark, who had come for a guest lecture to promote students education programme abroad. The college has a department dealing International affairs to help the students get better exposure to become acquainted with the culture and tradition of different countries to meet the challenges of tomorrow.
THE MAJOR ACADEMIC RECRUITERS & TRAINING PARTNERS

Microsoft
INNOVATION CENTRE

Nokia Research Center
Innovations That Make A Difference

ORACLE
WORKFORCE DEVELOPMENT PROGRAM

TATA
TATA CONSULTANCY SERVICES

Cisco Networking Academy

The Coca-Cola Company

Manusis Technologies

Texas Instruments

EXCEL Abrasives

VCustomer
Increasing Customer Satisfaction

HUMBOLDT WEDAG India Pvt. Ltd.

Genpak

HCL

GLOBAL SHAPERS FORUM

ICICI PRUDENTIAL LIFE INSURANCE

INDIAN NAVY
NGFCET has collaborated with Hughes Communications India Ltd, to deliver world class professional Education & Training at its campus. The objective of this association is to provide Platform from interactive onsite learning through satellite based education for working Professionals & Students. First of its kind in the country this platform seamlessly integrates the strengths of the traditional method of education classroom teaching with the latest in technology. We are the only Institute in the zone to offer live classroom session, where a student sitting in any part of the country, at any given point in time, can interact freely with the professor, raise questions, queries, etc. making the interaction as spontaneous and natural as in a regular classroom. There is extensive use of video, and data. The pedagogy is highly interactive. It consists of a judicious blend of lectures, real life case studies, quizzes, assignments, etc.

Hughes has tied up with following esteemed intuitions in India

IIM Calcutta Lucknow, IIM Kozhikode, All India Management Association (AIMA), IIT Bombay, IIT Delhi, XLRI Jamshedpur, MICA, IIFT, Fore Delhi.

Following are the Programs which are currently available

Executive Program in Sales and Marketing (IIM Calcutta), Executive Program In Global Business Management. (IIM Calcutta). Executive Program in Human Resource Management. (IIM Calcutta), Program in Leading and Managing (IIM Calcutta), Executive Program in Business Management (IIB Calcutta), Executive Program for Young Professional (IIM Calcutta), Executive Program for Business Analytics (IIM Calcutta), Post Graduate Diploma in Management (AIMA), Personality Development Program (AIMA)
NGF College of Engineering & Technology, Palwal is affiliated to M.D. University, Rohtak & approved by AICTE, New Delhi. Vocational Education & Training (VET) is also called Career Technical education (CTE), prepares learners for jobs that are based in manual or practical activities, traditionally non-academic and totally related to a specific trade, occupation or vocation. Vocational training provider (VTP) provides conselling & vocational guidance, training facilities, post training support to trainees in getting employment. We have applied as vocational Training Provider under the skill development initiative scheme on 3 Sep. 2010. Institution has been included in the list of applicants released by the directorate of Industrial Training, Haryana on 12/10/10. The inspection has been conducted on 19/11 / 10. We are already registered for VIP on 31 Oct. 2012. Name of Sectors / Courses for which permission has been initially sought:

- Garment Making
- Information & Communication Tech.
- Production & Manufacturing
- Insurance
- Fabrication
- Electronics
- Electrical

NGFCET is the partner institution interested in setting up of NSIC Training cum Incubation centre for small Enterprise Establishment under Public Private Partnership mode with NSIC.

One of the objectives of National Small Industries Corporation (NSIC) is to promote entrepreneurship development in the country. This objective can be achieved by way of providing handholding support to the first generation entrepreneurs by helping them to set up their own micro & small enterprises.

NSIC Training-cum-Incubation Centres provide an opportunity for first generation entrepreneurs to acquire skill on basic j technical trades and gain exposure in all areas of business operations such as business skills development, identification of appropriate technology, hands on experience on working projects, project / product selection, opportunity guidance including commercial aspects of business.

**Objectives of the Scheme**

The unemployed persons irrespective of caste, creed and gender shall be imparted skill development and entrepreneurship building training with a view to empower him / her for the following:

1. **To provide skill development training to secure an employment in any business enterprise.**
2. **To set up its own micro/small business enterprise.**

The above objectives shall be primarily achieved by way of providing comprehensive skill development training and package of services in the areas of training for entrepreneurial skill development, selection of projects, preparation of project profile/reports, identification and sourcing of plant, machinery and equipments, facilitating sanction of credit facility and providing to the support services in order to boost the development of micro and small enterprises in manufacturing and services sector.

Guidance will be given in National Stock Exchange Government of India, and Legal Literacy Programmes. Financial literacy Programmes etc.

Guidance will also be given in providing incubation facilities for self employment.
National Testing Service- India is a mega scheme of the Ministry of Human Resource Development, Government of India. National Policy on Education and Programme of action (1986) and Central Advisory Board on Education (1992) have recommended the implementation of the scheme. The centre for Testing & Evaluation, an R & D unit of the Central Institute of Indian languages(CIIL), has been entrusted with the responsibility of implementing this scheme. NTS aims to cater to the evaluation requirements of the country for academic auditing and quality maintenance. Though the NTS has eventually to encompass all the disciplines of the study, initially the focus is on Language & Literature.

NTS has created 30 regions across 18 states of the country to cover Hindi, Tamil and Urdu speaking areas. At the rate of 2 per region, a total of 60 Regional Field Unit (RFU) are being established. Our college is one of the Regional Field Unit (RFU) for Hindi language working for Haryana Region.

College of Energy, Environment and Sustainability (CEES)

College of Energy, Environment and Sustainability (CEES) is an education initiative of Bridging Notions Foundation, a nonprofit policy think tank, based in Washington, DC, USA. CEES provides courses that are relevant for energy, environment, and sustainability leadership. The courses are offered as individual courses and as certificate programs.

CEES uses multiple delivery methods for its courses including self-paced e-learning, instructor-led online contact classes and traditional classroom.

Energy and Environment Education is essential for a growing population faced with finite resources and serious environmental issues. CEES has thus been established with an objective of bridging the gap between the skills required for green, energy efficient, sustainable economies and the currently available resources. CEES is registered with Delaware, Dept ..of Education, US. Under the guidance of its Founder and CEO, Dr. Prakash Ambegaonkor, CEES endeavors to give students the skills they need to succeed in a sustainable knowledge economy Utilizing an interdisciplinary curriculum, CEES provides students the necessary education and training to focus on a career-centric approach in energy technology and solutions.

TLT and NGF desire to establish a business relationship for the purpose of offering CEES courses through NGF.
NGF Agrees to:

Market and Promote CEES courses
Undertake administrative services like counseling students, enrolling students, collecting documents, fees etc. for students opting for CES courses through NGF college
Allow students admitted for CEES courses through NGF to use the IT infrastructure of NGF college if needed for study.

CEES Agrees to:

Offer the required course information, online access, training and other information and support to NGF for selling the CEES courses.

Provide marketing material in digital format, required to promote courses.
Provide Career Folio portal services to NGF College (for all educational programs offered by NGFCET)
MOU between Lesdep Foundation & NGF College of Engineering and Technology

Lesdep Foundation and NGF College of Engineering and Technology (NOF) through Memorandum of Understanding (MOU) agree to promote education and hereby express their intentions to collaborate in various career oriented programs or projects that will be of mutual benefit and interest to both the parties.

Such endeavors will conform to the policies and requirement of the two parties. This MOU entails facilitation of negotiations and preparation of the definitive agenda embodying the final understanding of the parties with respect to future collaborations.

NGF agrees to develop the following collaborative activities in the academic areas of mutual interest, on a basis of equality and reciprocity.

- Facilitation of exchange of faculty and administrative staff
- Facilitation in admission of graduate and undergraduate students
- Providing experts on board of studies and selection committees
- Coordination of short term customized courses / visit by students for summer schools and live projects
- Help in signing of agreements between interested allied organizations
- Management of events / lectures / discussions / conferences
- Channelization of exchange of academic information and materials
- Assistance in promoting collaboration in fields of mutual interest
- Materialization of other academic co-operation with our associate partners as mutually agreed
- Local facilitation (government / infrastructure / amenities)
- Facilitation in course mapping, articulation and progression route under credit transfer system

The development and implementation of specific activities based an MOU will be carried by Lesdep Foundation an mutually agreeable terms
The institution is never behind in promoting fitness activities. The college conducted a national level YOGA competition to recognize and spot the talents of the participants. It was mainly to spread the awareness to remain healthy and fit in a natural way which has been a boon to our Indian culture and tradition. Prizes and awards have been distributed to keep up the competitive spirit of the participants.

Medical assistance is available in the campus. A wheel chair is available to give immediate assistance to the patients in need. First aid Kit is under the custody of qualified staff to provide primary health care to students as well as staff. In utmost necessity a doctor is available on call who resides within a radius of 1 km distance. Trained counsellors are also there to help students overcome psychological problems like homesickness, loneliness etc.

The institution has arranged quiz programmes to test the intelligence and to enhance the competitive spirit of the students in Palwal and nearby areas. In the talent search many students have been recognized and awarded the prizes. About 20 schools in the neighbourhood had sent their students accompanied by their teachers to participate in the event.
FM Radio Station

The first community radio station was established at NGF College of Engineering and Technology, Palwal by NEW GREEN FIELD EDUCATIONAL SOCIETY with the following specifications.

Serving Community Areas;
Palwal District & nearby areas.

Providing authentic information to our listeners about the day to day Market trends,
Giving reliable information about the products sold in the Market in the local area, Educating the people through programs related to Language, literature, music, health etc.
Our listeners are our strength Our Radio station plays a vital role to educate the people, uplift the society, remove the social evils, unwind the fear, and promote healthy habits etc. through exciting programs full of moral values. We broadcast the programs in different languages under various topics based on the day to day issues useful to common man We wish to dedicate our service to humanity through our humble deeds.

Radio NGF has now become an integral part of the daily lives of people in and around Palwal. More than 250 listeners call us daily with their requests and problems.

Water Purification Project

We have water purification project under implementation in collaboration with Dutch Water Solutions, Holland. They provide liners for existing RCC, pond liners and also help to put up large reservoirs for irrigation water, rain water, harvesting and drinking water. In endeavour to promote Dutch water expertise in India, they have TIED UP WITH A FLEXIBLE SYSTEM LEADER FROM Holland-GNAP B V. Water borne infection plays a vital part in harming the health of individuals and results in epidemics. NGFCET has entered into the project with an intention of helping its students.

INTACH

INIACH was founded in 1984 by Rajiv Gandhi who was also its first chairman. INTACH is the non governmental Indian nonprofit society working for the awareness and conservation of Indian culture and heritage. Among the tasks undertaken by INTACH are restoration of monuments and their management advocacy for heritage, property conservation, public awareness through heritage walks and buses, establishments of heritage clubs in schools etc. NGFCET is the active member of INTACH extending its contribution to conservation of monuments Indian culture and heritage.

Medical Centre

NGF Educational society runs a medical centre for the economically poor section of the society, with medicines and treatment given free of cost. It has been started in the year 2008 in the campus with a sincere commitment to help the needy. The deprived members of the society is privileged to enjoy the free medical facility irrespective of their remuneration limits.
Admission Criteria

Minimum eligibility criteria for admission in engineering courses.

Student must have passed 10+2 examination from recognized Board/University with Physics & Mathematics as compulsory subjects along with any of the following optional subjects:
- Chemistry
- Bio-Technology
- Computer Science
- Biology

Or

Student must have acquired Diploma in Engg/Tech of 3-year duration or more from State Board of Technical Education, Haryana or cleared a Diploma exam equivalent to the aforementioned.

Distribution of Seats

As per the admission policy of Haryana Govt., 75% of total seats will be filled by the Haryana State Counseling Society (HSCS) through ‘On Line’ off-campus counseling on the basis of merit of JEE. The balance 25% Management Quota Seats (including 15% NRI Seats) will be filled directly by the college. The distribution of seats is as under:

- 10% seats over and above the sanctioned intake are provided for direct admission to Diploma & B. Sc. (Maths) students to 2nd year under Lateral Entry Scheme and 10% for tuition fee waiver scheme.
- Candidate desiring to seek admission against the above 75% seats through State Counseling should refer to the Admission Brochure issued by HSCS or refer to HSCS website or College website
- Criteria for 25% Management Quota Seats (including 15% NRI Seats):
  - Admission to the 10% Management seats will be made directly by the College. Selection will be made by inter-se merit as per AIEEE ranking from among the registered candidates only.
  - As permitted by the order of the Hon'ble Supreme Court of India, the NGF College of Engg. & Technology has reserved 15% of the seats for NRI candidates (9 NRI Seats in each of the above 5 disciplines). These seats are reserved for bonafide NRIs and their children or wards. Admission will be by inter-se merit from among the candidates who register for NRI seats by the prescribed date on the basis of AIEEE ranking or the marks of 10+2 (or equivalent) exam.
  - NRI candidates passing the qualifying examination from foreign countries should produce the certificate issued by the Association of Indian Universities, AIU House, 16, Marg (KotlaMarg), New Delhi 110002
  - Selection of such candidates will be on the basis of Inter-se Merit of Qualifying Exam.

Fee for NRI seats is as under

- Tuition Fee: US$ 3500 p.a.

The fee is payable through regular banking channel I DD/SOLA of Foreign Exchange in favour of “NGF College of Engg& Technology”. The fee can also be remitted directly to the College by wire transfer, the procedure for which can be obtained from the College office. Other fees and dues, in addition to the above mentioned fee, may be paid in Indian Rupees. Candidates interested to take admission under Management/NRI Quota is required to register themselves with the College by applying on the prescribed Application Form which can be obtained from the College office. For further information regarding admission procedure, fee structure etc., please refer to the Guidelines for Admission’ appended with this prospectus.