

## ITS Engineering College of Engineering, Greater Noida

### College SWOC Analysis

#### Strengths:

1. The institute is governed by an experienced management running 10 colleges since 1995 with due approvals and affiliations from the regulatory bodies.
2. The management has established a well-defined structure and policies for administration, finance and academics to maintain high level of education culture in all its premises. There are online ERP systems and software for all administrative, finance and academic activities.
3. Qualified, experienced and dedicated teaching faculty with good retention ratio.
4. Institute with State of the Art Infrastructure and modern tools.
5. Institute is having well established R&D and IPR Policy to promote and strengthen the Research and Innovation and Entrepreneurship culture among the students as well as faculty.
6. Institute has received DST NewGen IEDC grant of Rs. 2.87 Crores for five years since 2019 to develop innovative ideas into prototype and to incubate. Students submit their innovative ideas and faculty as mentor help to develop the Prototype.
7. The institute has well equipped Fab Lab to materialize the Innovative Projects
8. Effective use of ICT in teaching learning process as all classrooms, laboratories and seminar halls are equipped with projectors and internet facilities.
9. Institute is located in the NCR region and is in close proximity to the Industries. As a result, it has fostered strong and positive relationships with these industries and signed MOU's, to bridge the Academia – Industry gap.
10. Good Placement Track Record.
11. Student's mentoring and counseling through mentor-mentee system and individual teachers for effective academic monitoring.
12. Well-structured merit-based scholarships schemes at entry level to attract quality students and the continuation of scholarship on maintaining the merit status as per the institute policy.
13. Cash awards to the top meritorious students on the basis of their academic excellence in each year as per the institute policy.
14. Safe and Secured Environment for girl students and women employees.

#### Weaknesses:

1. Large number of institutes in the vicinity.
2. Less admissions in core branches.
3. Less no. of Ph.D. faculty.
4. Admission of meritorious students is of concern.
5. Institute is not having abundance of revenue generation due to less admissions in core branches.
6. Institute is facing challenge to acquire Industry sponsored projects and consultancy.
7. Limited number of Research Publications.

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Circulate among all departments  
for suggestions if any.

8. Less students are pursuing higher education.
9. Contribution of Alumni at Institute level is less.

#### Opportunities:

1. The location of the institute has the privilege to have good number of opportunities for industrial connect, collaboration and technology transfer. Industry resource persons can visit the institute frequently.
2. The institute's location offers an opportunity to attract quality students and faculty.
3. Strong industrial presence in the Delhi/NCR region offers good placement opportunities.
4. Initiation to promote entrepreneurship since 2015 has given an advantage to the institute to attract more number of students to get involved in innovative projects.
5. Well-structured merit-based scholarship at entry level attracts quality students for admissions.
6. Opportunity to explore latest technology through technology fairs and exhibitions frequently held at neighboring India Expo Mart Ltd, Greater Noida.
7. Opportunity of peer learning for both faculty members and students as there are good number of engineering institutes in the vicinity.
8. Mentorship and consultation opportunities from the premier institutes of national importance, such as IIT-Delhi, NSUT, IIIT-Delhi, DTU, NSIC, NSDC, NIESBUD, etc.
9. Ample opportunities exist for sports activities due to the availability of YMCA Club, Noida authority Sports Academy, Jaypee Sports Academy, F1 Track, Jawahar Lal Nehru Stadium and Arun Jaitley Cricket Stadium.
10. Several heritage monument sites, National School of Drama, Science Museum, etc. in the National Capital region, Delhi, creates opportunities for the holistic development of the students.

#### Challenges:

1. To attract diversified class of meritorious students.
2. The students taking admissions in similar category of colleges have a dream to become an engineer or technologist, but they are not focused about their goals to achieve the dreams.
3. Although, the institute is supporting for entrepreneurship and startups since 2015, but students are reluctant to opt entrepreneurship as career. Thereby resulted in not sufficient number of startups at the institute level.
4. Placements in core companies is a challenge.
5. Less participation in competitive examinations and higher studies.
6. Post pandemic period, attendance and results of students are posing a challenge.
7. Hands-on industrial training for faculty and students is a matter of concern.
8. Female students' ratio is less.

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12/01/22

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