

2021-22

# BEST PRACTICES



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## BEST PRACTICES

### BEST PRACTICE- I

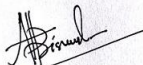
#### Enhancing the Employability Skills and Placements of Graduates

#### OBJECTIVES OF THE PRACTICE


- To improve students' interpersonal, soft, and English communication skills in order to better prepare them for job interviews and placements.
- To provide pre-placement instruction in subjects including verbal, reasoning, and aptitude to increase test takers' success rates.
- To give students practical experience with the newest software technologies so they are prepared for the workplace.
- To teach the students in the industry and encourage them to work on industry-oriented projects;
- To organize workshops on developing areas to expose the students to the most recent advancements in the engineering and technology fields.

#### CONTEXT

Since most students come from rural areas with a vernacular background, speaking in English is one of their biggest challenges. Furthermore, due to their familial backgrounds, some of them lack the necessary orientation toward engineering education. Students are ignorant of the abilities needed for employment. Students are required to participate in frequent training in soft skills, communication skills, interpersonal skills, etc. beginning in their first year of school in order to address all of these issues.

  
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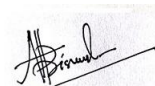
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Due to the rapidly evolving nature of engineering and technology, students must be exposed to the most recent software tools and educated on the most recent advancements in the relevant fields. Additionally, training that involves industry exposure helps students learn about its standards and norms.

### THE PRACTICE

- Having internal and external professional trainers selected from top training institutes frequently teach pre-placement training workshops on topics like aptitude, verbal, reasoning, etc. on weekdays for six hours each week in the pre-final and final year. The usual class schedule includes designated times for pre-placement training classes. The subjects taught in this course give the students the ability to monitor the online assessments administered by various businesses during the campus hiring process.
- First and second year English department faculty members teaching classes on English communication. Additionally, a soft skills programme for second-year B.Tech students is offered annually to roughly 150 students.
- Regularly running personality development programmes to foster soft skills and interpersonal abilities. Industry professionals conduct mock interviews to give students the practice they need to feel confident during the real thing.
- Improving programming abilities by holding specialized seminars and setting up training sessions with business professionals on the weekends to bolster their understanding of computer foundational courses and enhance programming abilities.
- Offering hands-on instruction from qualified specialists in the pre-final and final years on the most recent software programmes, including AUTO CAD, Solid Works, STAAD Pro, etc.

  
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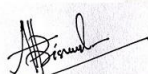
- Starting in the second year, hosting workshops on cutting-edge technologies like cloud computing, the internet of things, etc. with renowned academicians and business leaders.

### **EVIDENCE OF SUCCESS**


- The students' soft skills, programming abilities, and other talents have all improved significantly as a result of this procedure, which has led to a progressive rise in the number of placements.
- Giving students practical experience with the newest software technologies, this has prepared them for the workplace.
- Introducing students to the most recent technological advancements so they can select a specific subject, work on the associated technology, and find suitable employment.

### **PROBLEMS ENCOUNTERED AND RESOURCES REQUIRED**

- The college faces a significant challenge in cultivating professionalism and the proper attitude among all of its students because some of them are not very committed to their studies.
- It takes a lot of money to do different training programmes, personality development programmes, and workshops on developing technology.
- Since over 50% of students lack Basic English communication skills, colleges must hire additional English professors and experienced trainers to lead specialized English communication courses

  
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## BEST PRACTICE- II

Clean and Green Practices for Sustainable Environment

### OBJECTIVES OF THE PRACTICE:

Clean and Green Practices work to create a sustainable and eco-friendly environment on the college campus. The following list includes the primary goals:

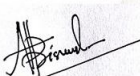
- Setting a goal for stakeholders to maintain cleanliness;
- Starting environmental protection and carbon emission reduction initiatives;
- Alternative sources of energy
- Reducing waste generation and safely disposing of wastes; conserving water and recycling it;
- Increasing campus greenery to ensure clean air; and redesigning the campus into a smart campus.

### CONTEXT:


Swatch Bharat, environmental preservation, and going green After discovering how detrimental pollution is to both human health and the ecological balance, the concepts of mission emerged. Healthy living and a sustainable future depend on making the best use of natural resources and maintaining a clean, green environment. Conversation and idea exchange between students, teachers, and administrators in support of the Sustainable Development Goals will be facilitated by transforming the institute into a clean and smart campus by involving the stakeholders. To advance the goal of a green campus, DRIEMS has started a number of initiatives and awareness campaigns.

### PRACTICE:

- Waste management and green initiatives policies are designed and put into practice.

  
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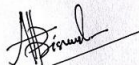


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- Monitoring and reducing carbon footprints by controlling vehicle traffic on campus.
- The campus has numerous plantations, which are efficiently maintained by a separate staff under the direction of a head gardener. On campus, there are about 3000 trees. With a green area per person of 23 square meters, the campus's total green space is roughly 43 acres.
- Reusing waste water and using it for gardening can help you use less water overall. On the campus, there are water-saving facilities that collect rainwater, keep an eye on tank water levels, and recycle used water.
- Energy-efficient technology, such as LED lamps, is being used to lower the usage of electricity. Water-level monitoring systems, for example, are deployed as sensor-based energy-saving techniques to reduce water and electricity waste.
- Clean, sterile utensils, automated meal preparation, and routine washing of dining tables and floors by a committed workforce all help to ensure hygiene in hostel and canteen kitchens.
- Using the right segregation process, all sorts of garbage from the campus are disposed of safely.
- Every year, plantations and awareness campaigns are carried out through various clubs and cells to highlight the significance of the "Go Green" idea. Students and professors often engage in off-campus events to advance green practices in neighboring communities.

### **PROBLEMS ENCOUNTERED AND RESOURCES REQUIRED:**

- Continuous efforts are required to create awareness and to sustain the GO GREEN policy. Organizing programmes related to this theme of practice amidst heavy academic schedule is necessary.

  
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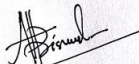


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- A huge investment is required to build up an alternate energy source.
- More number of labors are required for the establishment and maintenance and retaining labors / workers of this category is challenging.

All stakeholders involved must take responsibility for maintaining a clean atmosphere that is conducive to everyone's healthy existence. It is the responsibility of educational institutions to foster this type of culture among all of their stakeholders. The necessity for a sustainable environment is made known to young minds by commemorating all significant days relating to the environment, such as Environmental Day, Water Day, and so forth.

  
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