



Guru Gobind Singh Foundation's

Guru Gobind Singh College of Engineering & Research Centre

Approved by AICTE, Govt. of Maharashtra & DTE Mumbai, Affiliated to Savitribai Phule Pune University (Formerly known as University of Pune)

NAAC Accreditation first cycle "B+" with CGPA 2.72 in April 2019, DNV – GL Certified for ISO 9001 : 2015 Standards



7.3.1 - Portray the performance of the Institution in one area distinctive to its priority and thrust

Title – Enhancing the students' performance through professional skill trainings and make them employable

Objectives:

Prepare students for industry oriented learning and skills relevant to their profession and enhance their employability.

Context:

Nashik and hence the colleges situated in the city have the advantage of having two prominent industrial zones in the city itself. One being Satpur MIDC & other is Ambad MIDC. Both these zones have micro, small, medium and large as well as multinational companies operating here. The major large companies around Nashik are HAL, ABB, Siemens, Bosch, CEAT, Mahindra & Mahindra, Glaxo-SmithKline, Caprihans, and Crompton Greaves. Nashik is also one of the fastest growing cities due to its good climatic conditions, abundance of water and moderate cost of living, so construction activities are also on rise. Additionally, nearby locations like Sinnar, Igatpuri, Dindori, Ozar also house a good number of industries that can enable industrial exposure & placement opportunities to the students. The region has a rich agriculture background with farmers growing large varieties of vegetables, grapes– table and wine varieties, wheat, onion and sugarcane. The floriculture also has found its foothold in the region. In this background, the large number of students are drawn from rural or semi-rural areas who lacks in communication skill and confidence level. This is a challenge for any educational institute, and so does it for our institute. Professional skills are required to incorporate in the academics and hence it becomes imperative for the education institutes to prepare readily employable graduates.

Dr. Neelkanth G. Nikam
PRINCIPAL

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GURU GOBIND SINGH COLLEGE OF ENGINEERING
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Practice and Resources Management:

Institute has understood the needs of the students who are coming from the nearby areas with different cultures, linguistic background, economy and diverse skills. To take them further, providing skill trainings and make them employable, institute has provided the following main resources;

- Established a training center as a part of Training and Placement (T&P) Section headed by T&P manager with an effective team
- Established the state-of-the-art skill development centre with automated trainer kits in line with industry equipment's like SIEMENS and BOSCH.
- Established the Mechatronics-Automation laboratory with a industry standard 4.0 work station and Fanuc robotic arm with focus on interdisciplinary trainings
- Collaborations with various professional learning platforms like EduSkill, Blueprism, Red Hat, AI Centre of Excellence of DELL and INTEL etc.
- Introduced various value added courses / certificate programs in the areas of Automation, Vehicle Systems, Robotics, Specialized Software trainings through collaborative learning platforms
- Excel through industry-institute interaction through various collaborations, industry experts sessions, internships, students projects, industry visits, industry HR interactions etc.
- Guided students to acquire various skills like technical, communication, professional, presentation, writing.
- Appointed professional psychologist as counselor
- Invited alumni to share their professional expertise, experience and current trends in industry

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- Trained the faculties for various skills and develop the skilled human resources

Evidence of success:

- Around 48% of the students were trained in past five years through various value added courses and trainings at the Skill Development Centre
- Around 50 soft skill, professional skill, life skill and computing skill programs were conducted in the institute and all the students were benefited from the same
- More than 50% students placements were achieved for the past 5 years
- Around 75 programs are organized on career guidance in past five years and around 5000 students benefited from the same
- Attracted core industries for placements and organized 183 number of campus interviews (on/off campus including pool drives)
- 30 MoU / Collaborations were established for industry interactions through the internships / projects / experts lectures / industry visits etc.
- 09 number of students are either continuing or completed their education at international universities
- Students participated in various technical competitions and many of them received awards
- Industry persons are the members of managing bodies BOG and CDC
- Industrial experts from various industries interacted with students in past five year and maximum students were benefitted
- Guru Gobind Singh Foundation that runs the institute is the members of Confederation Indian Industry – CII and Mr. Madhukar Dube – Manager, T&P Cell is a member of CII Maharashtra Panel on Industry Academia Connect 2023-24. This provides an opportunity to collaborate, interact and placement assistance.

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- President of Guru Gobind Singh Foundation is a member of board of governance of Nashik Engineering Cluster (NEC) with which institute has signed MoU for the benefits of student and faculty.
- Institute also conducted the professional trainings for the students from the expert external agencies like Mahindra Nandi Foundation, Barclay, Symboisi etc.
- Institute also appointed two corporate trainers as a visiting faculty for the different professional trainings

Problems:

- Pandemic situation affected the effective exposure to the available facilities.
- Managing finance for various activities
- Matching with the academic time, examinations and industry schedules
- Attracting students for various activities out of their heavy academic and examination schedules
- Attracting core industries with high salary packages

Future Plans:

Establishing additional center of excellence in campus for various technical trainings and skill enhancement in association with industries like

- DBDS Robotics Pvt. Ltd., M.I.D.C. Satpur, Nashik
- Cears Dies & Mould Pvt. Ltd.
- Mahindra & Mahindra

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