CRITERIONVII:INSTITUTIONAL VALUESANDBESTPRACTICES

7.1.1 Gender Equity

Gender sensitization copes with a range of problems like citizenship and rights, countering sexual harassment and issues of equality and freedom, questions of sexuality, norms of masculinity and femininity, and the understanding and respect towards all who contribute to the diverse and heterogeneous composition of college and university campuses. Mainly professional courses demand a component of personality development, while gender-related matter is included as the subject of various schemes such as group discussions, debates, public speaking, etc. A very essential component of gender sensitization is the mandatory knowledge of legal literacy on the rights of women and the various laws for prevention against harassment such as the Prevention of Sexual Harassment at Work (POSH) Guidelines, the Prevention of Sexual Harassment at the Work place Act 2013, the Criminal Law Amendment Act 2013 and the Bill of Rights for Women in the Justice. It is crucial that these are made a compulsory part of the syllabus across various courses in higher education.

Understanding that much more is demanded to be done in managing equality between men and women, to construct courageous women who will play the extraordinary role in bringing changes in society. The institute imparts quality education to develop women leaders and professionals academically and technically proficient with strong professional ethics. The Institution maintains a healthy environment and takes the necessary initiatives for the growth and development of its students. There are various committees in the institution to maintain the peace and harmony among the students.College has a gender sensitivity committee such as Women Mentoring Cell, Anti Ragging Committee, Students Grievance Cell and Sexual Harassment Control Cell, which are constituted as per norms laid by the university. The information is given to students under orientation and induction programs.

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CCTV availability in campus

7.1 EnvironmentConsciousness and sustainability

7.1.2 The institution has facilities for alternate sources of energy and energy conservation measures.

The institute has aneco-friendly campus with no. of trees and a lush green gardenspread across the campus. Utmost attempts are being made to maintainthe greenery within the campus and preserve the old trees that

helpmaintainacleanenvironment.Furthermore,theInstitutehasawellmainta inedherbalgardenwithplantsofvariedspecieshavingmedicinal value as well as aromatic quality. Greenery in the institutecampus significantly contributes in reducing the heat in the premises aswellaskeepsatmosphererelativelyun-

polluted.Theinstitutehasconductedseveralenvironmentawarenessprogram

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sliketreeplantation drive from time to time to make and maintain the campus eco-friendly.Regulatedconsumptionandpreservationofwaterisanobjectivein the policy of the campus. In this regard critical attention is paid topreservation of this natural resource. As a step to achieve this objective,the waste water generated from day-to-day activities of the campus, isoptimally utilized for irrigating the land under cultivation in and aroundthecampus.TheInstitutehastakenprecautionstoavoidaccidentsandtheemergencysituationsarisingfromitwithinthecampus.Fireextinguishersare installedateverycriticallocationinthelaboratoriesas well as in the corridors to ensure safety of the students and staff.Handling of chemicals which evolve toxic fumes is carried out in fumechamberforsafetyofthestudentsandstaff.Utilizationofpaperiskeptatminimum by maintaining e-records. The Institute takes initiative to makecampus plastic free by discouraging use of plastic bags tominimizeenvironmentaldamageand risks associated with it.

What are the initiatives taken by the institution to make the campuseco-friendly?

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Ideal Institute of Technology has taken several initiativestomakeand maintain thecampus eco-friendly.

*Energyconservation:

- TheInstitutebuildinghasbeendesignedandconstructedtoensureadequatenatural lightingandventilationtoreducetheenergyconsumption.

- EnergyefficientLEDtubefittingshavebeeninstalledandalwayspreferred over the conventional devices to reduce energy consumption.CeilingfansintheInstitutearefittedwithelectronicfanregulato rswhicharepower savers ascompared to normal fanregulators.

- TheInstitutehasdevisedalternativemethodstosavetheenergyconsumption. In the Chemistry laboratory, microwaveovenisusedforcarryingoutexperimentsrelatedtosynthesisoforg anicandin-organiccompoundsinsteadofgasandhighvoltageelectricheater.Thisdevice helps tominimizethe timeand amount ofenergyforproductsynthesis.

- Institutehaspower-savingfeaturesoncomputers.

LED Tube fitting

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GPS Map Live Cam

Unnamed Road Konkan Division
Maharashtra IN

Latitude: 19.6670899
Longitude: 73.0720711

Date: 21 Jan 2024
Time: 11:23 AM

Google
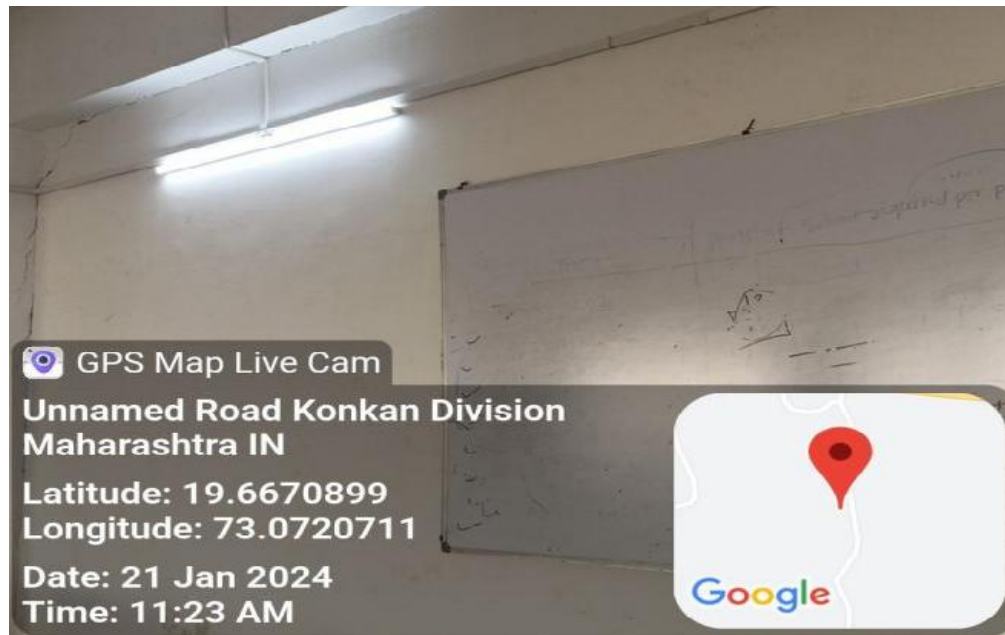
*   **Usesofrenewableenergy**

The Institute building has been structured in a way to ensure adequatesunlight and ventilation in classrooms, laboratories and faculty roomswhich significantly helps to reduce the energy consumption. The canteenhas lots of space for free air movement.

Solid waste management

Routine waste is daily collected in dustbins at different locations, which are emptied in movable container sand carts, segregated into different types of bios and non-bio degradable waste and disposed using in house incineration facility in the campus or given to external agency, where they are segregated and disposed/recycled according to the nature of the waste. Leaf debris is allowed to decompose systematically over a period of time to be used as dung for the gardens in the institute. The University have introduced subject "Environment Sciences" and projects for the students of second year,which enhances the knowledge about waste management in the students and motivates them for proper management of solid and liquid waste.

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In this category, food wastes from Hostels and various garbage in and around the campus isincluded which is collected and properly disposed. The leaves and branches fallen inthe campus and are dumped in pit for the preparation of vermi compost.

Crockery and broken glass-wares of any sort is considered hazardous waste and are disposedappropriately. Awareness has been created among the students tominimize the use of plastics in their day-to-day life.

Liquid waste management / Waste Recycling System

The liquid wastes generated in the campus include Sewage, Laboratory, Laundry, Hostel and canteen effluent waste. The above waste is treated through Sewage Treatment Plant (STP) setup in the campus with a capacity of 10000 M3/ Day. The entire treated water is used for watering the gardens and lawns maintained in the campus.

Sewage treatment is a type of wastewater treatment which aims to remove contaminants from sewage to produce an effluent that is suitable to discharge to the surrounding environment or an intended reuse application, thereby preventing waterpollution fromraw sewagedischarges.[2] Sewage contains wastewater from households and businesses and possibly pre-treated industrial wastewater. There are a high number of sewage treatment processes to choose from. These can range from decentralized systems (including on-site

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treatment systems) to large centralized systems involving a network of pipes and pump stations (called sewerage) which convey the sewage to a treatment plant.

E-wastemanagement

Weadoptfollowingprocedurestoreducethevolumeofe-wastegeneration.

- Repair work of the e-products is carried out on the local level in thecampusitself.Theoldunusedirreparableelectronicequipmentaredisposed as scrap to appropriate vendors in order to ensure their saferecycling.
- Equipmentisreusedaftermoderatemodificationsorconditioning.
- Refillingofcartridgesisdoneoutsidethecampus.

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Hazardous chemicals and radioactive waste management:

Chemical waste collected from laboratories and the other sources are treated in STP, treated water is then used for drip irrigation of plants. The institute does not produce any radioactive waste.

7.1.4 Water Conservation Facilities available in the institute

Borewell

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Waste Water Recycling

STP - Sewage Treatment Plant - The liquid wastes generated in the campus include Sewage, Laboratory, Laundry, Hostel and canteen effluent waste. The above waste is treated through Sewage Treatment Plant (STP) setup in the campus with a capacity of 10000 M3/ Day. The entire treated water is used for watering the gardens and lawns maintained in the campus.

7.1.5 Green Campus Initiatives

Effortsforcarbonneutrality / Use of Bicycles or battery powered vehicles

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Prevention of carbon emission is regarded as the first step towards theachievements of carbon neutrality. The institute has provided transportfacilityforStudentsandStaffwhichreducesfuelconsumptionandpollution resulting from personal vehicle. The parking lots for vehiclesare reserved. The institute has planted large number of trees and plantsthroughout the campus to reduce atmospheric carbon dioxide level andkeeptheairinthecampusfreshandclean.Theinstitutedoesnothaveanyenvironment-pollutinglaboratoriesanduseofLPGisminimizedbyusingelectric devices to reduce emission of carbon di-oxide and other gaseouspollutants.Bio-waseinthecampusisnotburnt;instead,itisdepositedforeco-friendlyinitiatives likecompost.

Communication among teaching and non-teaching staff is done throughpersonal email. The size of the laboratory journal and attendance recordbook is kept at its minimum to reduce paper usage. We educate ourstudentsbyteachingEnvironmentalScienceasapartofcurriculumintheSecondYearofthecourse(Semester-III)andmakethemawareofthe Carbon Credits, Carbon Neutrality and its benefits.Also in this regard,we have been encouraging tree plantation under NSS unit every year inour campus by conducting plantation drives on various occasions likeWorld Environment Dayon 5thJune.

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GPS Map Camera
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30/04/24 03:15 PM GMT +05:30

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GPS Map
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Maharashtra IN
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Pedestrian Friendly Pathway

The Ideal Foundation campus have pedestrian friendly pathway. No any incidence of risk factors in pathways of Ideal Foundation campus.

Ban on use of plastics

Ideal Institute of Technology organized NSS camp at Ambhai village, Pali. During that camp students performed various activities like tree plantation, blood donation camp, ban on use of plastic etc. Plastic bags cause many minor and major ecological and environmental issues. The most general issue with plastic bags is the amount of waste produced. Many plastic bags end up on streets and subsequently pollute major water sources, rivers, and streams. Initiatives include to prevent use of plastic bag issue;
Through rally our students motivated people's that plastic is how much harmful for us and our nature. Students also distributed cotton carry bags to retailers and other peoples.

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Landscaping with trees and plants

Every year during rainy season, our institute takes the initiative of plantation inside the campus.

Plantation-BotanicalorMedicalSignificance

TheinstitutebuildingisapartofalargecampusTheInstitutehasaMedicinalPlantGarden. There are around 51 trees of different species like Neem(*Azadiractaindica*), Eucalyptus (*Eucalyptus globulus*), Reetha (*Sapindusmukorossi*), Arjuna(*Hardwickiabinate*), Bael (*Aeglemarmelos*), Amla (*Phyllanthusemblica*), etc. In addition,there are many varieties of herbs e.g. Periwinkle (*Catharanthusroseus*),Datura (*Daturastramonium*), Bramhi (*Centellaasiatica*) and climberslikeGokarna(*Clitoriaternatea*),Shatavari(*Asparagusracemosus*), Momordica, (*Momordicacharantia*) etc. The garden of the campus ismaintained by paid staff under the supervision of the institute authority.The institute encourages students for tree plantation programs underNSS unit every year not only in the Institute campus but also out of thecampus which in turn develops an interest, awareness and responsibilitytowards our environment and its protection. In addition, subjects likeEnvironmental Science of curriculum helps to build the attitude of ourstudentsand creategreater impacts intheirminds.

Report on Tree Plantation

Date: 10th August 2023

Venue- Seminal hall, Ideal Institute of Technology and herbal garden ideal institute of Technology, Wada, Palghar

Ideal institute of Technology, wada, organized a tree planting event on 10th August 2023. The students from third and final yearactively participated in this event. Mr.phulchandkhatke,R.F.O ,wada was invited as a guest to be a part of this event. The students, along with the teachers, agreed to plant trees in the campus of the college. Various types of tree saplings, like peepal, cinnamon, neem, and eucalyptus, were planted in the college premises. The Principal sir Dr.VikasNarain were asked to explain to the students the importance of different trees that were planted. Mr.Ram Bhavan sir and Mr. Vishal sir also planted a cinnamon tree. He also talked about how planting trees helps to regulate the temperature and absorb all the carbon dioxide from the air. Ms. Mayuri Ratnakar talked about how planting trees helps to make the surroundings greener and how trees serve as homes to many birds and animals. He also suggested that every student should at least plant one tree per year as it will help the world to fight against global warming.

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The day's event was brought to an end with thevote of thanks by Mr. Anil Chaurasiya sir. All the students were given a sapling each to plant home.

7.1.7 The Institution has disabled-friendly, barrier free environment

1.Built environment with ramps/lifts for easy access to classrooms.

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2.Divyangjan friendly washrooms

3.Signage including display boards, naming and numbering on each room.

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7.1.8 Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities

Institution provides an inclusive environment for everyone with tolerance and harmony towards cultural,regional, linguistic, communal, socioeconomic and other diversities. Different sports and cultural activities organized inside the campus promote harmony towards each other.

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Commemorative days like Women's Day, Yoga Day, Cancer Day, Field visit etc. are the part of regular academic schedule, along with many regional festivals viz. Ganesh festival are celebrated in the college. This creates positive interaction among people of different racial and cultural backgrounds. There are different grievance redressal cells in the institute like Anti Ragging Committee, Student grievance redressal cell, Women grievance redressal cell which deals with grievances without considering anyone's racial or cultural background. Institute has code of ethics for students and a separate code of ethics for teachers and other employees which has to be followed by each one of them irrespective of their cultural, regional, linguistic, communal socioeconomic and other diversities.

1. In respond to natural disaster/emergencies our students always stand on fore front and as responsible citizen helps community. Students has generously donated grocery for old age Peoples at AnandVridhhashrasm, Palghar.

2. The institute celebrates religious festivals includes Sarawatipooja, Ganesh Festival, DurgaPujan
etc. giving spiritual sense to the students/faculty of the Institute. Traditional dance and Garba is organized along with distribution of sweets.
3. Fresher's Party, Teachers Day, Voters Day, Engineers Day etc. function have been organized during the calendar year.

4. As a part of our tradition, we celebrate birth anniversary of great Indian personalities includes Mahatma Gandhi ji.

5. Women's day, Chhatrapati Shivaji Maharaj Jayanti, Yoga Day, Navratri festival along with reginal festivals are celebrated in the institute.

6. The grievance redressal cell in the institute like Student grievance, Women grievance deals with grievances without considering anyone's racial or cultural background.

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7. Institute has code of ethics for students and a separate code of ethics for teachers and other employees which have to be followed by each one of them irrespective of their cultural, regional, linguistic, communal socioeconomic and other diversities.

8.Teacher Guardians provides support to students in all aspects including guidance to apply for scholarship from Government for SC/ST/OBC.

Photographs of Initiatives

1. NSS camp organized at ambhai, Wada for seven days. During that our students arranged various programs, like tree plantation, cleaning in village, blood donation camp, ban on plastic use etc.

4.Merimatimeradesh Program conducted as per DTE guidelines.

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2. Field Visit at GovardhanEcovillage, Galtare (Including visit of Shri Radha Mohan temple, ayurvedic Hospital, Water treatment plant,   Technology, organic farming and goshala.

3. Fresher's Day celebration

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4. Library day

5. 15th August Independence Day

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7.1.9 Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens

The Republic Day (26th Jan) is celebrated by hosting the National flag in the college campus where all faculty, non-teaching staff, supportive staff and students attend it. The programme comprises of saluting the National flag followed by the National Anthem, the special invitees on this day will speak on Indian constitution and the sacrifices laid down by freedom fighters to celebrate this day with pride and honour. Students and staff members are informed about the availability of constitution in different languages like Hindi, English, Urdu Marathi etc, As our country is constituted into sovereign, socialist, secular, democratic republic country and provides rights for human dignity, liberty, equality, social economic and political justice, human rights and freedom, Rule of law, and respect the superiority of constitution in national life. The

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institution follows the proper constitutional ethics and conduct, as a part of strengthening the democratic values.

Associate professor Mr. Narendra Verma has nominated as NSS coordinator under whose guidance, electoral literacy club and voters awareness forum are created to literate the students and the general public about the democracy. The student who joins the institute are encouraged to make voter ID and including their name in election list, the rights and power of one vote is explained to them as their national responsibility, a voters pledge programme is also organized for students and the faculty members to make them aware to vote for their area, state and nation.

Independence Day is also celebrated every year to highlight sacrifice of the martyrs and freedom fighters and importance of Indian constitution.The institute celebrates the shaheed divas and shaurya divas by offering prayers for the brave soldiers and lighting the candle to give homage to all those martyred for our country, stories of the brave soldiers are recited and vande-matram is said aloud.

7.1.10 The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard.

Institute has adopted a policy to celebrate national and international commemorative days and festivals in a grand way. As per the directives of the IQAC and student suggestions, cultural committee comprising of the participation of students, discuss and plan for organizing these commemorative days. It is communicated through the academic calendar to the students.

1.   **26th January Republic Day**: Republic Day is celebrated every year to observe the adoption of our constitution. On this day flag hosting ceremony, national anthem is followed by speech by dignitaries on constitution and its rights, followed by cultural events given by students and staff members which are followed by "constitution awareness program" in which students and staff members are made aware of their duties towards our nation and rights given to them by us constitution, the celebration is concluded by distribution of sweets.

2.   **15th August Independence Day:** The day is celebrated with flag hosting by the chief guest

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followed by national anthem, speech and cultural events, few stories of freedom fightersare read out to make students aware of the sacrifices made for this day.

3. **5th Sep Teacher's Day:** we celebrate Dr. Radhakrishnan's birthday as Teacher's Day with great intensity and emotions. The students organize a program for the teachers.

4. **2nd Oct Mahatma Gandhi Jayanti:** The day is celebrated by paying homage to father of the Nation. On this occasion student participate in SwachhataAbhiyan.

5. **25th June Yoga Day:** is organized every year and participated by large number of students and faculty members event includes include yoga orientation and yoga session by gayatriparivargurujans. The student learns about the benefits of yoga practices in their daily life.

6. **15th Sept Engineers Day:**Engineer's Day is celebrated on 15th September every year as the birthday of Sir M Visvesvaraya. He was the first engineer of our country who contributed to the designing of various bridges and many more projects. We celebrate Engineers Day by organizing activities such as essay competitions, Dance competitions, Singing competitions, poster presentation on various topics. The outcome is students are sensitized with professional ethics and roles with responsibilities

7. **8th March International Women's Day**: The day is marked to respect women in society. Women's forum of the institute organizes the event by arranging seminars and activities like Rangoli Competition, debate and elocution competitions etc. every year.

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7.2 Best Practices

7.2.1 Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.

Response:

Best Practice-1

Title of the practice:

Acquiring new techniques and educational methods for smooth conduct of curriculum.

Objective of the practice:

To provide dedicated training and personal counseling for Slow and Advanced learners.

To simplify and streamline education processes and systems to provide better services to faculties and students.

To improve performance of students for campus placement interviews.

Giving proper study material and exposure to strengthen theoretical and practical concepts.

Giving task to advance learners to improve the skills and leadership quality.

Context:

InteractiveTeachingLearning

To make the teaching more effective and efficient, faculty deliver lectures by using projector.Facultyencourages students for interactive sessions to clear their doubts relatedtotopicsbeingtaught,studentsaregivenhomeassignments/tutorialsandfield work. The faculty members give critical comment on topic andimprovement of his/her presentation and knowledge. The Journal club isa regular activity for faculties. The institute has designed fully equippedaseptic room, machine room and sophisticated instruments laboratory.Besides this various faculty members have received research grants fromUniversity of Mumbai. The Institute always encourages students

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andfaculty to participate in various innovative workshops, various nationalandinternational conferences and seminars.

Recent years has introduced significant changes in teaching and learning methods. The most observable phenomenon is now the penetration of digital technologies into learning. Smart class rooms, google forms, teaching aids have made it much easier for identifying slow and fast learners. There is a vital need to identify the strength and weakness of students and to counsel them as per the need, as in recent years many students are graduating and special training is needed to make student ready to face the interview challenges and job ready candidate. A healthy competition among students for various events like poster, oral presentation, debate, quiz is adopted to improve the quality of students and increase the level of confidence in critical thinking and creative skills. Apart from regular teaching and learning methods a separate space should be created for the students to showcase their talents.

Practice:

 Following practices were adopted for overall development of the students:

1.Specially designed modules and Mentor mentee system: The institute has designed and conducted

special modules for slow and advanced learners. The slow learner workshop included interactive sessions, assignments, quiz, motivation and confidence building and one on one interaction activities. In addition to workshops, institute has assigned mentors for the students. The faculty mentors continuously assess, monitor, counsel and give possible guidance to the students. These workshops have provided students an opportunity to interact and share their personal inhibitions or weaknesses with the skilled trainers. The advanced learner are given task to improve their skills through presentation, article publication, classes at junior level, panel of discussion on various issues and other such activities.

2. Orientation programs: Institute conducts various orientation and training programs as per the need, in regular intervals -these programs helping them to shape a bright future and make them understand how they can reach their goals. Students of final year are given the training on different modules as per industrial needs to make them job ready.

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The students were encouraged to prepare and present poster under the guidance of subject teacher. These models and posters were presented and evaluated by the faculty members. Best models and posters were awarded. Then these posters are then sticked on the walls of laboratories. Third year and final year students are given task to improve their communication skills, complete the assigned project and presentation on various topics.

3. Wall- painting competition: The institute has conducted this unique competition. The dedicated wall within the institute is made available for students, where the students can paint their creativity in the form of art work or painting.

Evidence of Success:

1.As the slow learner made aware about self-limitations and how to overcome them and the advanced learner were made aware about different qualities that need to be developed in order to shape their future, improvement in the academic, extracurricular and co-curricular performance of these students was observed.

2.The mentoring system was developed as per the student need and positively impacted on overall understanding of curriculum and also helps in smooth conduct of academics.

3.The orientation programs were helpful for development of leadership skills, improvement in soft skill and overall personality development, which helped them for placement.

4.The practice has helped the students to better understand the theoretical and practical concepts. Additionally, the organization skills among the students were groomed and also their presentation and communication skills were enhanced.

5.The debate competition concept helped to motivate the students for creative thinking. Also, it resulted into improvement of extracurricular and co-curricular aptitude of the students. This platform also provides an environment where students are more likely to express their ideas and improves the thinking abilities

6.**Remedial classes:** Remedial classes are conducted for weaker students. ATKT students are benefitted by remedial classes.

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Problems encountered and resources required:

1.In Some students Lack of teamwork, empathy, and support was noted.

2.As many students comes from rural background more time is required to coup with the current need.

BestPracticeNo.:02

1. **Titleof thePractice**

   AcademicMentorshiptothestudents

2. **Objectivesof thepractice**

   - Topromotestudentdevelopmentthroughthetransferofskills,expertknowledgeand insight.

   - Toprovidethestudentswithgreaterclarityoncareerchoicesandtheirowncareergoals

   - Toprovideanadditional resourceforfeedback andguidance.

   - Toprovide amechanism fordevelopingfutureleaders.
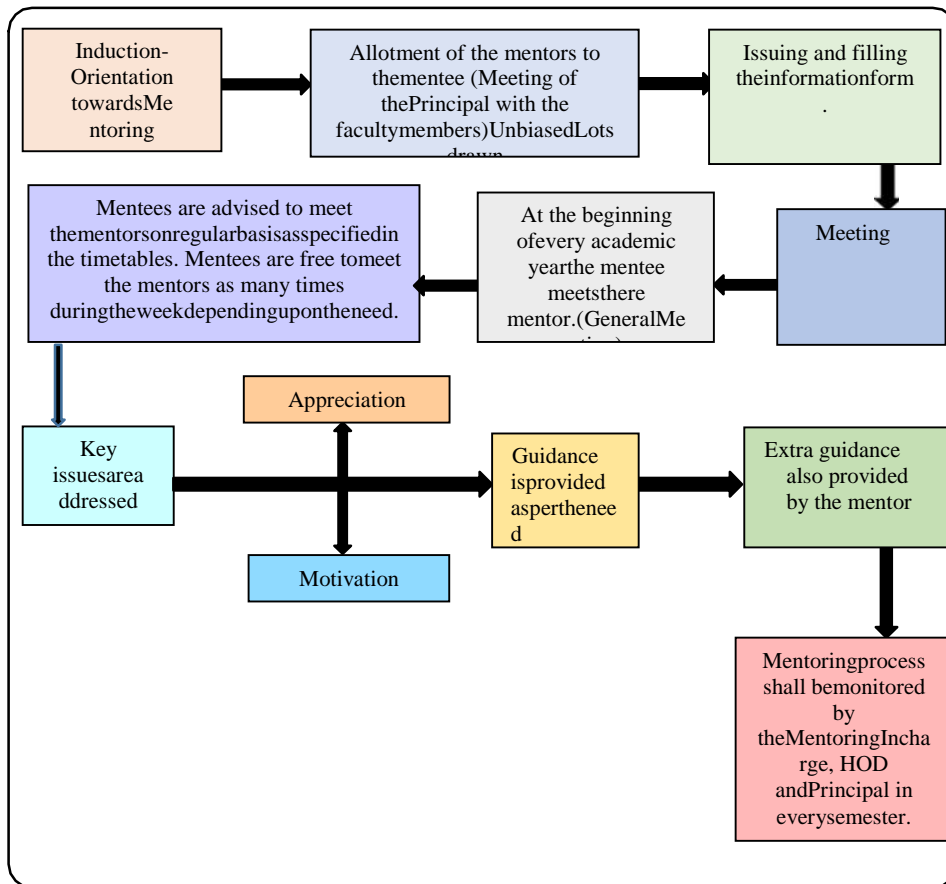
3. **TheContext**

   Mentoring is a relationship between two individuals designed to buildconfidenceandsupportthementeesotheyareabletotakecontroloftheirowndevelopmentandwork.Mentoringrelationshipsarevaluedasaverypowerful means to longer-term personal development in an organization.As a mentor, faculty gets the opportunity to utilize their experience andknowledge in a facilitative manner to support the development of thementee.

4. **ThePractice**

   The faculty membersand principal meet together for the process

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ofmentor allotment. The process of allotment is unbiased (lots are drawnwith names / roll nos. of students).The Mentee Information Form of every student is filled and submitted to therespective mentor. This record book is used by the mentor for mentoringtill the mentee. Students are advised to meet their respectivementors as specified to them at the beginning of the academic year andfrom then on, a regularbasisas specified in the timetables, weekly.Mentees are free to meet the mentors as many times during the weekdependingupon the need.

Theprocessofmentoringisgivenin Fig.7.1

Fig7.1.Flowchartforthementoringpractice

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5.Evidence of Success

Thesuccessofmentoringreflectsinprogressionandincreaseinthelevelof the self-confidence of the students. However, the results obtained aredifferentfrom everyclass.

First year:

- The students are made aware of the course pattern specified as per theUniversity which helps them to smoothly acclimatize to the professionalcoursetheyoptedfor.
- The students participate in co-curricular activities which helps them foroverall personalitydevelopment.

Second year:

- Thestudents are awareoftheconsequences ofindulgingin raggingand anysuch nuisancewhich mayhampertheir academicrecord.
- Thestudentswithbacklogswerefoundtobemotivatedandencouragedtoge t back into the mainstream.

Third year:

- The students were found to be motivated and readily took initiative toarrange any extra-curricular activities thus inculcating leadership andmanagerialskills in themselves.
- The students were sensitized to different career opportunities so that theycouldstart planning accordingly.
- Thestudentswereinterestedtoparticipateintraining-placementactivities.

Final year:

- The students had encouraged newly entered first year students to takeinitiativesin academicand extra-curricular activities.
- Thestudentshaveunderstoodtheimportanceoftheircourserequirements, planning of their studies, setting up their career goals aswellasparticipationinvariousco-curricularandextra-curricularactivities.

5. **Problemsencounteredandresourcesrequired**

Itwasdifficulttocounselandmotivatefirstyearstudentsandtogetthemacqu

aintedwiththenewenvironmentandsyllabusofTechnologyprofession.

Secondly, the Final year students had shown least interest inmentoring process as they had undergone rigorous mentoring for firstthree-yearoftheirstayin theinstitute.Thestudentstakemuchtimeto open up in the mentoring session initially which had slowed down theentireprocess.Minimumresourceswererequiredtocarryoutthementor ingactivitywhichincludesmentoringhandbookandseatingarrangementsf orthe students.

7.3 Institutional Distinctiveness

Performance of the institution in one area distinctive to its priority and thrust within

Fostering a Culture of Eco-Friendly Transportation and Energy Efficiency on Campus.

In an era defined by increasing environmental awareness and the urgent need for sustainable solutions, colleges and universities stand at the forefront of change. As hubs of innovation and education, these institutions have a unique opportunity to lead by example and promote the adoption of self-sustaining eco-friendly vehicles, while also focusing on energy consumption efficiency and improving electric usage. By embracing these initiatives, colleges can not only reduce their carbon footprint but also inspire students, faculty, and staff to become agents of positive environmental change.

Embracing Eco-Friendly Transportation

The transition to eco-friendly transportation, particularly the adoption of electric vehicles (EVs), represents a critical step towards reducing greenhouse gas emissions and mitigating the impacts of climate change. With advancements in EV technology and an increasing number of models hitting the market, the feasibility of electric transportation is greater than ever before.

Colleges and universities can play a pivotal role in promoting the adoption of EVs within their communities. By providing incentives such as preferential parking for electric vehicles, offering financial assistance for EV purchases, and installing charging infrastructure on campus, institutions can create an environment that encourages sustainable transportation choices. Moreover, educational campaigns can raise awareness about the environmental benefits of EVs and dispel common misconceptions, helping to overcome barriers to adoption.

Building a Sustainable Infrastructure

Supporting eco-friendly transportation goes beyond promoting EVs; it also involves building the

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infrastructure necessary to support these vehicles. This includes installing charging stations in convenient locations across campus, such as parking lots, residential areas, and academic buildings. By making charging infrastructure readily available, colleges can alleviate concerns about range anxiety and demonstrate their commitment to sustainability.

Furthermore, colleges can explore opportunities to integrate renewable energy sources into their charging infrastructure. Solar-powered charging stations, for example, not only reduce the environmental impact of EV charging but also serve as visible symbols of the institution's commitment to clean energy. By harnessing renewable energy, colleges can further reduce their carbon footprint and inspire others to follow suit.

Educating and Empowering the Community

Education plays a crucial role in fostering a culture of sustainability on campus. Colleges and universities can offer educational programs, workshops, and events focused on eco-friendly transportation and energy conservation. These initiatives can provide students, faculty, and staff with the knowledge and skills needed to make informed decisions about their transportation choices and energy usage.

Moreover, colleges can leverage their academic expertise to conduct research and innovation in the field of sustainable transportation and energy efficiency. By partnering with industry stakeholders and government agencies, colleges can contribute to the development of cutting-edge technologies and solutions that advance the sustainability agenda.

Setting an Example for the Future

As institutions of higher learning, colleges and universities have a responsibility to lead by example and set the standard for sustainability. By adopting self-sustaining eco-friendly vehicles, optimizing energy consumption, and promoting electric usage, colleges can demonstrate their commitment to environmental stewardship and inspire meaningful change within their communities.

Additionally, colleges can collaborate with local governments, businesses, and nonprofit organizations to advocate for policies and initiatives that support sustainable transportation and energy efficiency. By leveraging their collective influence, colleges can drive systemic change at the local, regional, and national levels, creating a more sustainable future for all.

In conclusion, the promotion of self-sustaining eco-friendly vehicles, energy consumption efficiency, and improvement in electric usage is essential for colleges and universities committed to sustainability. By embracing these initiatives, colleges can reduce their environmental impact, inspire their communities, and contribute to a cleaner, greener future for generations to come. As we continue to confront the challenges of climate change, let us seize this opportunity to drive positive change and build a more sustainable world.