



P.E.S. COLLEGE OF ENGINEERING, MANDYA

(An Autonomous Institution affiliated to V.T.U. Belagavi, Aided by Govt. of Karnataka)
(Approved by AICTE, Accredited by NBA (UG Programmes) and NAAC, New Delhi)

P. E. S. College of Engineering: Best Practices Computer Science and Engineering

Best Practices: 1

1. Title of the Practice: **Online Skill Development Programmes**
2. **Objectives of the Practice:** The main objective of online skill development Programme is to set up a workforce that is proficient with the necessary skills and knowledge.
3. **Context:** Skilled employees yield higher productivity and have the ability to work effectively and efficiently. In this context, the institute has taken initiatives to provide skill development programme and has provided the required platform like Reference Globe, ATAL, Co-Cubes, Times and Coursera Certification.
4. **Practice:** All the students and faculty are provided the necessary logins for practice and conducting online exams in all related online platforms. Practice Tests and Talent Tests are conducted periodically for better assessment of the students. Using Coursera students can acquire Course Completion Certificates from World Top Universities.
5. **Evidence of Success:** (i) Using Co-Cubes, ATAL, Reference Globe and Time Online assessment tools, students could perform well in placement and grabbed the opportunities.

<https://pesce mandya.org/placement/placement-statistics.php>



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DEPARTMENT OF CIVIL ENGINEERING

Best Practices: 1

1. Title of the Practice: Skill development Courses and NPTEL Courses for students

2. Objectives of the Practice: To improve skills and innovative ideas for their Employability, higher education and Entrepreneurship

The Context: The platform is created to learning in skill development new technologies and exposed to modern technologies and be competent for industry.

The Practice: Motivate students to involve in various activities like Paper presentation, Seminars, Quiz, registered for online certification courses through MOOC.

Evidence of Success:Improvement in the skills of the students leading to better competency in the industry thus leading to the more placement opportunities.

Relevant Document:

https://drive.google.com/drive/folders/1z2liadegg3A_DDqG0KIQvf2nqiXwg0bK?usp=sharing

Best Practices: 2

1. Title of the Practice: CIE question paper and scheme moderation and transparency in valuation.

2. Objectives of the Practice: To improve the standards of the question paper in relevance to OBE and select the most appropriate CIE question paper for CIE. Transparency in valuation by exchanging the CIE books with other section faculties.

The Context: The platform is created to for proper setting of CIE papers as per the OBE norms and uniformity is valuation by proving the scheme for the CIE question paper.

The Practice: students would have go through all the relevant topics from all the different sections for better performance as the CIE paper would be picked by the CIE moderation committee.

Evidence of Success: Students have enhanced knowledge as they study various materials from different sources for good CIE marks. Students would be evaluated in the same form as that of SEE evaluation.

Relevant Document:

<https://drive.google.com/file/d/19QOd-ZDci9KN6CF160HtLyQ4Rf8fAHcJ/view?usp=sharing>

Department of Information Science & Engineering

Best Practices: 1

Title of the Practice: Create department blog

Objectives of the Practice: great way to encourage **students** to express their ideas as follows

- It helps student be courteous and thoughtful
- It helps to student get study materials and course related videos

The Context: This blog serves the purpose of creating a relationship between a students and staffs. It can also provide knowledge on relevant courses, increase the motivate student to learning towards, and create a department community.

The Practice: it Motivate students to involve in learning process clearly.

Evidence of Success: day by day blogs can be used by students and downloading materials, go through the study also. They can send their opinion also through comments.

Blog link: <https://isepesce.blogspot.com/>

Problems Encountered and Resources required: students don't know the process of learning the courses and also they don't get proper materials, hence blogs overcome this issue.

Best Practices: 2

Title of the Practice: create virtual labs

Objectives of the Practice: provide remote access to Laboratories in various disciplines of Science and Engineering for students at all levels from undergraduate to research.

The Context: Virtual labs are interactive, digital simulations of activities that typically take place in physical laboratory settings. Virtual labs simulate the tools, equipment, tests, and procedures used in labs. Staffs can show dynamic execution of programs on different inputs

The Practice: In laboratory conduction, some staff conducted an experiment of a virtual lab for the students.

Evidence of Success:

vlab link: <https://www.vlab.co.in/broad-area-computer-science-and-engineering>

Problems Encountered and Resources required: Virtual Lab Site has given specific subjects Virtual Labs. So every faculty could not be able to take advantage of this lab, if it is not available on the Vlab portal.

Best Practices: 3

Title of the practice: Teaching-Learning Process

Objectives of the practice:

- To ensure the completion of the syllabus according to the academic calendar.
- To encourage faculty to adapt ICT tools in class room teaching.
- To improve the pass percentage and to enhance the number of placements.

The context:

- To complete the syllabus within the stipulated time is somewhat difficult by considering slow learner students to cope up with the bright students.
- The faculty use ICT tools for explaining the complex topics and to avoid the confusion of the students.
- The faculty should find complex topics and provide the material to students.

The practice:

- Academic calendar is uploaded on the website for information to students and faculty.
- Head of the department monitors the coverage of the syllabus.
- To encourage the students for utilizing the library.
- Take students feedback on academic activities.
- Monitor the student's attendance and take necessary steps for improving the regularity.
- Give the subject wise assignments to the students for improving the performance in the end examinations.
- Conduct the remedial classes for students for improving the pass percentage.
- Give training on soft skills & technical skills during Semester breaks for improving the placements.

Evidence of success:

- Syllabus has been completed within the time.
- Most of the faculty have adopted ICT tools in their classes.
- Material of the course is uploaded on the website.
- Pass percentage and placements are increased.

Problems encountered and resources required: Since the rural students and non technical faculty does not know how to use ICT tools, training has been given to them by ICT coordinators. By identifying slow learners, extra classes have been conducted to improve the results and their skills.



Electronics and Communication Engineering

Best Practices: 1

Title of the Practice: Training on VLSI Design and Verification

Objectives of the Practice: To get a solid foundation in various aspects of Very Large Scale Integration (VLSI) technology.

- Introduction to ASIC flow
- Circuit Design and Verification
- Static Timing Analysis
- Linux Essentials

The Context: The platform is created to learn skill development in VLSI technologies, including design, Verification and practical hands-on experience.

The Practice: Motivate students to involve in various activities like designing the combinational circuits and sequential Circuits and verify the design along with Static Timing Analysis.

Evidence of Success: Conducted VLSI Design and Verification Training for second year UG Students. They registered and successfully achieved its objectives by providing participants with a comprehensive understanding of VLSI design and verification.

https://drive.google.com/file/d/1AFsfddg_HzLFBGcU5FLf9f0Ips0mqGa7/view?usp=drive_link

Problems Encountered and Resources Required: ECE Department UG students undergone VLSI design and verification training often encounter various challenges like complexity of VLSI concepts such as digital logics, understanding of tools and also simulation and testing process which consumes more time. Some of the resource requirements are quality course material which includes textbooks, internet and lab facilities that require well equipped laboratories and tools for hands on experience and regular assignments like quiz and tests which help understanding the concepts.



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Best Practices: 2

Title of the Practice: Industrial visit

Objectives: The purpose of the industrial visit is to provide participants with a comprehensive educational experience that blends theoretical learning with real-world application, enhancing their understanding of the hydropower generation industry and the hardware core industry.

The Context: The primary purpose of the industrial visit to Varahi Power House and Siemens Energy Automation is to offer participants a comprehensive exploration of the companies' campuses, infrastructure, and facilities. Furthermore, it aims to provide an in-depth understanding of the advanced technology used, with a specific focus on the operational intricacies of the Hydro Power Plant, including Pelton turbines, and Siemens Energy Automation's role in the hardware core industry, placing special emphasis on the inspection and testing of all printed circuit boards (PCBs).

The Practice: The industrial visit places a strong emphasis on experiential learning, allowing participants to actively participate in the inspection and testing of printed circuit boards (PCBs). This hands-on approach provides a valuable opportunity for participants to apply their theoretical knowledge in a real-world context, fostering a deeper understanding of the intricacies and challenges associated with PCBs.

Evidence of Success:

https://drive.google.com/file/d/1zwSj0F_530-ne3-OSrS9PGQmVtVA5g7w/view?usp=drive_link

Problem encountered and Resources required: During industrial visits, challenges arise due to safety concerns in hazardous environments like Hydro Power Plants, the technical complexity of power generation and PCB design, limited interaction with industry professionals, and insufficient time for comprehensive exploration. Ensuring participants' safety through essential safety gear, such as helmets and vests, as well as safety briefings, while supplementing their understanding through educational materials and interactive tools, is paramount during industrial visits to Hydro Power Plants and PCB design.



Best Practice 1 :

- 1. Title of Practice: NPTEL**
- 2. Objectives of the practice:** To provide Students getting opportunity to attend lectures of IIT & IISc professors from their location itself. Getting doubts cleared through watching lectures for repeatedly along with a flexibility to exchange ideas of student community from different academic institutions.
- 3. The context:** To have exposure to self-learning in online mode.
- 4. The practice:** Getting enrolled for course offered NPTEL courses of different course duration and getting certified by IITs with a nominal exam fee.
- 5. Evidence of Success:** Fundamentals of the respective subjects gets strengthened their enhancing the performance level of students attempting competitive exams.

<https://drive.google.com/drive/folders/1lsu6WbJ7TQb0m3BWp5e0vkseZgCC57xy?usp=sharing>

Best Practice 2 :

- 1. Title of Practice: AICTE ACTIVITY**
- 2. Objectives of the practice:** The objectives of AICTE student activity is to expose students to the real time life challenges, to provide opportunity to gather data, analyze data, propose solutions and implement solutions, provide an opportunity for personal development, to create engineers who are proud volunteers having a sense of achievement and ready to take up projects having social impact and to create digital awareness
- 3. The context:** To have exposure to social responsibilities.
- 4. The practice:** to improve education quality in village
Swacha Bharath.
Medical services like surveys, ABHA card

Evidence of Success: <https://pesce mandya.org/aicte-activity-point/pdf/REPORT-AICTE%20ACTIVITY.pdf>

3. Title of Practice: Skill development Lab Courses

- 1. Objectives of the practice:** Skill Development Labs play a crucial role in enhancing the employability of individuals and contribute significantly to economic growth.



The context: Labs are equipped with state-of-the-art equipment and technologies, ensuring that individuals are trained on industry-standard tools and techniques.

The practice: it provides quality education and training for maximizing the impact of skill development labs.

3. Title of Practice:

1. Mentoring
2. Continuous Assessment
3. Laboratory Work
4. Industry Connections

OBJECTIVES: Mentorship: Establish a mentorship program where experienced faculty or industry professionals can guide students in their academic and career development. Mentorship can be invaluable in shaping future engineers.

Continuous Assessment: Implement regular assessments, quizzes, and assignments to gauge student understanding and progress. Provide constructive feedback to help students improve.

Laboratory Work: Hands-on laboratory work is crucial in engineering education. Provide well-equipped labs where students can apply theoretical concepts and gain practical experience with equipment and tools commonly used in their field.

CONTEXT: Industry-Relevant Skills: Labs are equipped with state-of-the-art equipment and technologies, ensuring that individuals are trained on industry-standard tools and techniques.

Industry-Academia Collaboration: Strengthening ties between technical institutions and industries is vital to enhance students' employability.

PRACTICE: To expose students to real engineering practices and emerging technologies. This helps bridge the gap between academia and industry.



Master of Computer Applications

Best Practices:1

Title of the Practice: Conduction of technical talks and workshops for students and staffs.

Objectives of the Practice: To enrich the knowledge of students and staff for their Employability and upgrade of knowledge respectively

The Context: Relevant to industry related topics and technology technology

The Practice: Motivate students to involve in taking up the projects, seminars and registered for online certification courses through NPTEL for further enhancement.

Evidence of Success: Reflected in projects, seminars, presented papers and completed certification courses.

Problems Encountered and Resources Required: students come with diverse background, Financial Resource is fulfilled by college and Resource persons are from industry background.

<https://docs.google.com/document/d/1pBlkEhsoBEX6Acg5q2LsJo-gGhR3i0ee/edit?usp=sharing&oid=105099109554414659015&rtpof=true&sd=true>

Best Practices: 2

1. Title of the Practice: Conduction of inter college technical and cultural competition

2. Objectives of the Practice: To enrich the knowledge of students thru brainstorming helps for their Employability and upgrade of knowledge.

The Context: Relevant to skill oriented topics.

The Practice students are allowed to compete in various technical competition like simple coding Debugging, quiz etc.

Evidence of Success: Success in placement conducted test which helped in getting placed in Companies

Problems Encountered and Resources Required students come with diverse background, Financial Resource is fulfilled by college for conduction.

<https://docs.google.com/document/d/1QqhGiXbNUSIYUWweM-dhgy6Bxr6uczSt/edit?usp=sharing&oid=105099109554414659015&rtpof=true&sd=true>



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Dept. of Electrical & Electronics Engineering Best Practices

Best Practice:1

- 1. Title of the Practice:** Skill development Courses and Boot camps for students
- 2. Objectives of the Practice:** To improve skills and innovative ideas for their Employability, higher education and Entrepreneurship
- 3. The Context:** The platform is created to learning in skill development new technologies and share innovative ideas in Boot Camp to compete with industry/Company needs
- 4. The Practice:** Motivate students to involve in various activities like Paper presentation, Seminars, Quiz, registered for online certification courses through MOOC.
- 5. Evidence of Success:** Conducted Boot Camps for first year students. UG and PG students registered and completed certification courses. Also attended various workshops and paper presentations

https://drive.google.com/file/d/1WM80q_wGLAcvnSHUXx07pJl5wRfvQI70/view?usp=share_link

- 6. Problems Encountered and Resources Required:** PECE located in rural place, students come with diverse background, thoughts and preparations and in English communication skill needs to be improved.

Best Practice: 2

- 1. Title of the Practice: seminar on Energy Auditing and Demand Side Management (P18EE822)**

2. Objectives of the Practice:

- Disseminate Knowledge: To provide participants with in-depth knowledge and insights into the chosen topic.
- Promote Learning: To foster an environment to foster active learning and critical thinking among participants.
- Skill Development: To enhance participants' skills or competencies related to the seminar topic.
- Discussion and Debate: To encourage participants to engage in meaningful discussions and debates related to the topic.

- **Application:** To help participants apply the knowledge gained during the seminar to real-world situations.

3. The Context

The context provides a framework for understanding why the seminar is relevant and what participants can expect to gain from it. To provide clear objectives for a seminar, the context can vary widely depending on factors such as the subject matter, the audience, the goals of the seminar, and the broader circumstances in which it is being conducted.

4. The Practice

Best practices for conducting a seminar for students in a classroom setting involve creating an engaging and interactive learning experience. Encourage active participation by asking open-ended questions, facilitating group activities, and promoting peer-to-peer discussions. Create a safe and inclusive environment where students feel comfortable sharing their thoughts and ideas. By implementing these best practices, you can ensure that seminars for students are informative, engaging, and contribute to their overall educational development.

5. Evidence

of

Success:

<https://drive.google.com/file/d/1hlA1udlr6lqpvNj4GobMuqbs1TWaColf/view?usp=sharing>

6. Problems Encountered and Resources Required

Technical Issues: Problems with audiovisual equipment, internet connectivity, or software can disrupt the seminar. Resources required: Technical support personnel, backup equipment, and a reliable internet connection.

Time Management: Managing time effectively to cover all seminar topics within the allotted time can be challenging. Resources required: A well-structured agenda, timekeeping tools, and facilitators who keep the schedule on track.

Student Participation: Some students may be hesitant to participate actively or ask questions. Resources required: Encouragement from facilitators, open-ended questions, and a supportive, non-judgmental environment.



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INSUSTRIAL & PRODUCTION ENGINEERING DEPARTMENT

Best Practice.

Best Practice 1 :

1. **Title of Practice: NPTEL**
2. **Objectives of the practice:** To provide Students getting opportunity to attend lectures of IIT & IISC professors from their location itself. Getting doubts cleared through watching lectures for repeatedly along with a flexibility to exchange ideas of student community from different academic institutions.
3. **The context:** To have exposure to self-learning in online mode.
4. **The practice:** Getting enrolled for course offered NPTEL courses of different course duration and getting certified by IITs with a nominal exam fee.
5. **Evidence of Success:** Fundamentals of the respective subjects gets strengthened their enhancing the performance level of students attempting competitive exams.

<https://drive.google.com/drive/folders/1lsu6WbJ7TQb0m3BWp5e0vkseZgCC57xy?usp=sharing>

Best Practice 2 :

1. **Title of Practice: AICTE ACTIVITY**
2. **Objectives of the practice:** The objectives of AICTE student activity is to expose students to the real time life challenges, to provide opportunity to gather data, analyse data, propose solutions and implement solutions, provide an opportunity for personal development, to create engineers who are proud volunteers having a sense of achievement and ready to take up projects having social impact and to create digital awareness
3. **The context:** To have exposure to social responsibilities.
4. **The practice:** to improve education quality in village
Swach Bharath.
Medical services like surveys, ABHA card
5. **Evidence of Success:** <https://pescemandya.org/aicte-activity-point/pdf/REPORT-AICTE%20ACTIVITY.pdf>



MBA- Best Practices

Best Practices:

- 1 Title of the Practice: Utsav – Personality development Program.**
- 2 Objectives of the Practice:** Training is provided to prepare students to participate in Intercollege competition and to assist in developing research publications. **The Context:** The platform is created to learning in skill development new technologies and share innovative ideas in Boot Camp to compete with industry/Company needs
- 3 Context :** To encourage students to improve their courage and to open up with the external world
- 4 The Practice:** UTSA Visaweekly management event for two hours which includes debate, management games and soft skill activities.

Sl.No	Date	Program/ Activity
1	04/03/2022	OreintationofManagementAssociation
2	11/03/2022	BusinessQuiz
3	18/03/2022	ProductStrategy
4	01/04/2022	GameonCommunciationGap
5	08/04/2022	PresentaionExercise
6	22/04/2022	SingingCompetition
7	29/04/2022	TeamBuilding
8	01/03/2023	BusinessQuiz
9	08/03/2023	Women'sDay
10	12/04/2023	ProductLaunching
11	15/03/2023	Pickand Speak
12	19/04/2023	PaperCraft



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Evidence of Success:

SL No	Name of the Author	Title of the Paper	Year of Publication	Publishers
1	Ms. Vimala and Ms. Kavya TK	A Study on Impact of Demonetization on E-Banking in India	2018	IJ Publication
2	Mr. Lithesh G.R	Consumer Buying Behaviour towards Koryo electronic product and services – A case study on big bazaar during mahasavings day at Mnadya, Karnataka	2018	IJ Publication
	Ms. Kavya TK	“A Study on Impact of Demonetization on E-Banking in India”	2018	IJ Publication
3	Ms. Vimala	“A Study on Impact of Demonetization on E-Banking in India”	2018	IJ Publication
4	Ms. Vimala and Ms. Aishwarya Jos	A Study on Impact of Demonetization on Selected Indices of Indian Stock Market	2019	IJ Publication
5	Ms. Sahana S N and Ms. Kavya S T	An Empirical Study of Factor Contributing towards Adoption of Mobile Banking with reference to Mandya District, India	2019	IJ Publication
6	Ms. Nikhitha HJ	Digital Marketing: An Evaluation of Flipkart	2019	IJ Publication
7	Ms. Ayesha, Ms. Tabassum and Ms. Shruthi P	An Empirical Study on Issues and Concerns of Implementation of GST in India	2019	IJ Publication
8	Mr. Kiran N.G	Children preference towards game and Toy – A Case Study During Maha Savings Day at Big Bazaar, Mandya	2019	IJ Publication
9	Mr. Kiran N.G	Consumer buying behavior towards kitchen storage products and services, A case study during Maha Savings daily at Big Bazaar, Mandya	2019	IJ Publication
10	Ms. Fayeeza Khanum.	A Study on Corporate Entrepreneurship Drivers and its Outcome.	2019	IJ Publication
11	Mr. Madhusudhan R. Urs.	A study on Determinants and Outcomes of Job Crafting in an Organization	2019	IJ Publication
12	Mr. Madhusudhan R Urs.	“A Study on factors affecting the work life balance of an employee”.	2019	IJ Publication
13	Ms. Shruthi P	“An Empirical Study on Issues and Concerns of Implementation of GST in India”	2019	IJ Publication
14	Ms. Ayesha Khan	“An Empirical Study on Issues and Concerns of Implementation of GST in India	2019	IJ Publication
15	Ms. Vimala	“A Study on Impact of Demonetization on selected Indices of Indian Stock Market	2019	IJ Publication
16	Ms. Aishwarya Jos	“A Study on Impact of Demonetization on selected Indices of Indian Stock Market	2019	IJ Publication
17	Mr. Tejus Sharma	“A Study on Volatility of Crude Oil Prices and its Impact on Selected Stocks of Energy Sector - An Empirical study of Indian Stock Market	2019	IJ Publication
18	Ms. Rachana MD	“A Study on Volatility of Crude Oil Prices and its Impact on Selected Stocks of Energy Sector - An Empirical study of Indian Stock Market	2019	IJ Publication
19	Ms. Sahana	“An Empirical study on Factors Contributing towards Adoption of Mobile Banking with Reference to Mandya District	2019	IJ Publication
20	Mr. Chirag Gowda	Need for mandatory military training	2022	Bharatiya Shikshan Mandal Yuva Aayam

Problems Encountered and Resources Required: PECE located in rural place, students come with diverse background, thoughts and preparations and in English communication skill needs to be improved.



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Best Practices: 2

1. Title of the Practice: Alumni association-Alumni Meet

2 Objectives of the Practice: The Annual Alumni Meet brings with it a chance for our Alumni to reconnect with the alma mater and bring its alumni together. It gives them a brief account and longing of the old days of their MBA class day's lives as they meet their professors and their old batch mates who had a significant role to play in their lives.

The alumni supported the institute in manifold activities like taking up guest lectures, placements and also as members of Board of Studies to redesign curriculum to match the corporate requirements. The ammeter is open for suggestions or ideas from its alumni, it also provides plat form to interact with our students.

Sl. No	Academic Year	Date of Alumni Meet	No. of Alumni attended	Venue
1	2018-2019	05.05.2018	24	KVShankaragowdaPlacementandtraining Center
2	2019-2020	30.04.2019	31	KVShankaragowdaPlacementandtraining Center
3	2021-2022	11.02.2023	90	KVShankaragowdaPlacementandtraining Center



3 The Context :

It is to bridge alumni with students to exchange their ideas and thoughts to improve employability skills of the students.

4 The Practice:

The department invites its alumni for motivating and guiding students for higher studies, for guest lecture, seminars and also as judge for various events. The alumni groom the students by giving the feedback about expectation of industries from fresher. The self-employed alumni conduct work shops and value addition programs for students.

5 Evidence of Success:

The Alumni who interacted with students are:

1. Harshitha R (4PS10MBA12): - Prof. Harshitha R, Assistant Professor and Head of the Department, Department of Commerce and Management, MIT First Grade College, Mysuru has delivered lecture on 'Career Development' for final year MBA students on 10.01.2023 as part of Alumini Lecture Series 2022-23.
2. Mahadevaswamy RM(4PS15MBA14): -Prof. Mahadevaswamy RM, Assistant professor, Department of Health system Management Studies JSS AHER, Mysuru has delivered lecture on ' Data Analytics' for final year MBA students on 10.01.2023 as part of Alumini Lecture Series 2022-23.
3. Praveen S (4PS11MBA37): - Mr. Praveen S, Manager at Flipkart International Pvt Ltd., Bangalore has delivered lecture on ' E – Commerce' for final year MBA students on 14.01.2023 as part of Alumini Lecture Series 2022-23.
4. Preetham M (4PS10MBA29): - Mr. Preetham M, Manager at Videos Capital Market and Fund services, Bangalore has delivered lecture on 'Capital Market' for final year MBA students on 10.01.2023 as a part of Alumini Lecture Series 2022-23.
5. Mr. Mohan Kumar Y C (4PS11MBA30): - Mr. Mohan Kumar Y C, Manager at RRRKabel Ltd, Mandya has delivered lecture on 'Supply Chain Management' for final year MBA Students on 14.01.2023 as part of Alumini Lecture Series 2022-23.



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Problems Encountered and Resources Required: Alumni connect and network is a big challenge

Problems Encountered and Resources Required

Newly admitted students come from the urban or rural areas, they differ in many of the life skills and their abilities and thinking. They are facing the issues like hostel and settlements, pressures from peers and many related issues.



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Mechanical Engineering

Best Practices: 1

1. **Title of the Practice:** Skill development Courses and Boot camps for students
2. **Objectives of the Practice:** To improve skills and innovative ideas for their Employability, higher education and Entrepreneurship

The Context: The platform is created to learning in skill development new technologies and share innovative ideas in Boot Camp to compete with industry/Company needs

The Practice: Motivate students to involve in various activities like Paper presentation, Seminars, Quiz, registered for online certification courses through MOOC.

Evidence of Success: Conducted Boot Camps for first year students. UG students registered and completed certification courses. Also attended various workshops and paper presentations
<https://drive.google.com/drive/folders/1thuwZiiMoVN5fIEnkPwsvnJMiOCdT9Ah?usp=sharing>

Problems Encountered and Resources Required: PECE located in rural place, students come with diverse background, thoughts and preparations and in English communication skill needs to be improved.

Best Practices: 2

1. **Title of the Practice:** Initiative at the PESCE
2. **Objectives of the Practice:** Promote/Initiations at PESCE as follows
 - Induction program
 - Technical talk



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The Context

Induction Program for newly admitted students for first year B.E. program to feel comfortable at PESCE and prepare them for the new stage of their life. Encouraging the students and faculties by introducing new Start-ups and SWAYAM and Coursera courses. Regularly organize blood donation camps.

The Practice

Students are fully engaged in various activities of Orientation and Induction program. PESCE assist new start ups for students and faculty for innovations in getting support from government, industries and reputed academic institutions around the world. The SWAYAM and Coursera courses are introduced in curriculum. PESCE arrange blood donation camps for needy people of the society.

Evidence of Success: <https://drive.google.com/drive/folders/1-034p7JroAfcRYwd29UemdA3y4II0m3Q?usp=sharing>

https://drive.google.com/drive/folders/1QD4a41a10F03_qEzHM9sT_S5k_k7Wl2m?usp=sharing,

https://drive.google.com/drive/folders/1wvj_JK8frKNZo2sZJbcnzAyzBifCylTM?usp=sharing

Problems Encountered and Resources Required

Newly admitted students come from the urban or rural areas, they differ in many of the life skills and their abilities and thinking. They are facing the issues like hostel and settlements, pressures from peers and many related issues.

Best Practices: 3

Title of the Practice: Proctor system for the students

1. **Objectives:** The goal of the proctor system is to implement a system that helps in the overall development of the student during his/her stay in the college. The system also aims to keep the parents/guardians informed about the academic progress of their children on a regular basis.



helping them to guide their wards in the right direction.

2. The Context: The proctor and student should meet at the beginning of the semester to discuss the goals for the semester and also analyze the previous year performance. The meeting between the proctor and the student should happen before and after every internal test to discuss his/her performance and any other issue he/she might be having in the semester. The proctors are also encouraged to help students to enhance their skills in extracurricular activities which will help in their overall developments.

3. The Practice: Once the student settles in the college students will have numerous decisions to choose the right elective, choosing the correct company for the placements, attending various extracurricular activities, during the course for all of which the proctor can act as a guide.

4. Evidence of

Success: The parents also have provided positive feedback on receiving regular updates about the performance of their children. The faculties are also satisfied that their efforts have helped the students of the college to become a better graduate which is visible in the improvement of the academic performance of the students. https://drive.google.com/drive/folders/1eRHZtCNwNw8qiYjf0x1z_T0tZdfuU2kT?usp=sharing

5. Problem encountered and Resources required: It requires continuous updates of the activities of the students, their marks, attendance etc. Though these can be easily obtained, the students themselves sometimes refuse to communicate with the proctor. It sometimes takes a lot of effort from the proctor to encourage such students to open up and communicate to be able to guide them. Still with all the efforts there are cases when the proctor system fails in its objectives and students either drop out of the college or fail to pass in the examination. This clearly indicates the system on the whole can be improved further to achieve greater results.