



**DHANALAKSHMI SRINIVASAN
ENGINEERING COLLEGE**
(Approved by AICTE and Affiliated to Anna University, Chennai)
Accredited with 'A' Grade by NAAC
PERAMBALUR - 621 212. TAMIL NADU

bsi.

2018-2019

Practice 1: Value added course

As per Anna University regulation 2017, the Students may contribute their knowledge in Value Added Courses and also they can earn credits through the Value Added Courses. For that purpose one / two credit courses are offered by a Department with the prior approval from the Head of the Institution.

Goal:

To meet the growing demands of corporate and groom into a complete human being. To develop the skills of students. A value added course can increase the student's quality. For example, offering one year course to support on respective field. Additionally, individuals can bring advanced skills to a position.

Initiatives:

The institution initiated following work for applying value added course to Centre for Academic Courses and the Controller of Examinations from all discipline. The department has to identify the course which is not a part of Anna University curriculum. The detailed syllabus should be framed. The duration of value added courses is 15/30 periods of theory or a maximum of theory and Laboratory courses. The course can have a maximum of three hours per day. The schedule and faculty for the selected value added course is sent to the Centre for Academic Courses and the Controller of Examinations after approval from the Head of the Institution concerned at least one month before the course is offered. The following Value Added Courses are offered to improve the Technical knowledge and to create awareness on the emerging trends in their respective fields.

1. Civil Engineering

- Vaasthu and Building Plan
- Interior Decoration
- 3Ds MAX

2. Computer Science and Engineering
 - Case Study: Operating System Design
 - Case Study: Network Design
3. Electronics Communication Engineering
 - Electronic Circuits Making and PCB Design
4. Mechanical Engineering
 - Modeling for Design Engineers
5. Information Technology
 - Data Mining Laboratory
 - Multimedia Laboratory
 - Visual Basic Laboratory
6. Electrical and Electronics Engineering
 - Energy Conservation, Management and Audit

Practice 2: Skill Development Program (SDP)

Goal:

The main objective behind the training program on I-Learn is to get the students learn the essential ins and outs of skills from start to end and what's in between. Along with that, the DSEC students to understand what to focus when managing their work, specially the projects they work on. That is, being successful professional their needs to be a balanced focus on all aspects of the project, from individual team members to the team itself to the task on hand. To make the students to achieve the mark of developed nation, have to lead the industrial revolution that is only possible to strengthen the quality of our Higher Educational Institution.

Initiative:

Our Institution organizes Skill Development Programme "I-Learn"@ DSEC on 20.06.2019 to 28.06.2019 for First year, Second year, Third year and Final year named as

Year	Module Name
I	A1 CAMPAIGN (Associate)
II	C2 CAMPAIGN (C, Clean)

- III E3 CAMPAIGN (Educate, Enhance and Expertise)
- IV G4 CAMPAIGN(Group, Grow, Gain, Graduate)

Execution:

I Year: A1 CAMPAIGN (Associate):

The different sections are included in

- English for Engineers
- Maths Made Easy,
- Series about Physics' Genius,
- Computer Literacy
- Engineering Language
- Life Skills

II Year: C2 CAMPAIGN(C, Clean):

It is scheduled as

Module Description:

- C Programming: Basic programming language-Syllabus has to be framed for Programming and lab C Lab Conduct / Completion of Lab Experiments Students
- Forum T3 (Train To Talk): Interaction Forum With the help of PG Students Freeware Presentation regarding the awareness of freeware available
- E-Resources Presentation about the resources available and the scope for improvement in their studies
- Art of Learning-Seminar, Test Feedback Question Formulation, Feedback form,
- Cleaning Campaign- DSEC Campus

Students were learned the basics of C both in theory and practical. Also students had gained knowledge about Freeware and e-Resources availability in the websites. To improve the communication skills students were participated in students Forum. And finally cleaning campaign activity was conducted to provide clean environment.

III Year: E3 CAMPAIGN (Educate, Enhance and Expertise)

It is scheduled as

- Module Description:

- Value Added Course- Department Specific
- Nutrition Diet Awareness- Program/Presentation/ Competition
- IPT Evaluation
- Life Assessment Awareness Program/Presentation/ Competition
- Higher Studies Presentation
- Health Hygiene Awareness-Program/Presentation/ Competition
- Rainwater Harvesting Energy Management and Maintenance

Value Added Course: Emerging trends in technical and professional education call for value addition i.e. students must acquire something more than what is provided in the curriculum.

IPT Evaluation: The main objective of Industrial Training is to expose the students to actual working environment and enhance their knowledge and skill from what they have learned in the college. Another purpose of this program is to instill the good qualities of integrity, responsibility and self confidence. The participants are evaluated on their performance and shared their knowledge about various aspects of the programme.

Nutrition Diet: We provide counseling about the various health problems and create awareness about food safety of the respondents by a team of representatives. And also we create awareness about the health status of the students in the campus.

Life Assessment: Planning and Assessment has ensured that services provided to students facilitate their learning and allow them to be successful. The Assessment Committee for Student Life leads the division in its commitment to creating and cultivating a culture of assessment, and to promoting best practices in the field.

Higher Studies: Higher education provides people with an opportunity to reflect on the critical, social, economic, cultural, moral and spiritual issues facing humanity. It contributes to national development through dissemination of specialized knowledge and skill.

Fun Games: Group game playing builds team spirit and pushes us out of our comfort zone and into conversation. Group game playing also encourages a healthy competitiveness between the members.

Health hygiene: Learn about making good food choices, how to maintain a healthy diet and lifestyle, and avoiding diet-related illnesses such as Type II diabetes and obesity.

Rainwater harvesting and Energy Management and Maintenance: Rainwater harvesting is the accumulation and storage of rainwater for reuse onsite, rather than allowing it to run off. The main scope is to find out whether the students have an awareness of Rain Harvesting or not. The rain water from roofs is collected through the well-designed network of pipes. The network of pipes helps collect water in underground tanks and specially constructed recharge pits to recharge the tube wells and aquifers. Rain water harvesting also reduces the water logging problem within the campus. A total of around 300 students of various department visited Rainwater Harvesting and Energy Management and Maintenance plants in our campus.

IV Year: G4 CAMPAIGN (Group, Grow, Gain, Graduate):

MODULE DESCRIPTION

- Technical focus Department Specific
- Aptitude
- Group discussion
- Fun games
- Forum T3 (Train To Talk)

Technical Focus- *Technical focus* is those that use specialized knowledge in the core subjects in the respective department to perform a task efficiently.

Aptitude- Aptitude and ability tests are designed to assess students to do logical reasoning or thinking performance.

Group Discussion- The students are trained in order to introduce themselves and others, to carry conversation regarding the topics given in the session.

Fun Games- Fun game is that it gives students opportunity to **spend time with others or together as a team and to remove** worries and gain some peace of mind.

Soft Skills- The soft skills provides strong practical orientation to the students and helps them in building and improving their skills.

IPT Evaluation- To determine the relevance and level of achievement of project objectives, development, effectiveness, efficiency, impact and sustainability.

Higher Studies- To provide the right kind of higher education to the right student and make the clear path of his/her career.

Letter /Resume Writing- The students will be able to write a letter and resume that help them to create a confidence in English language.

Students Forum-This session should be clearly defined and publicly express feelings, preferences, wishes and opinions.

Feedback:

