Best Practice I

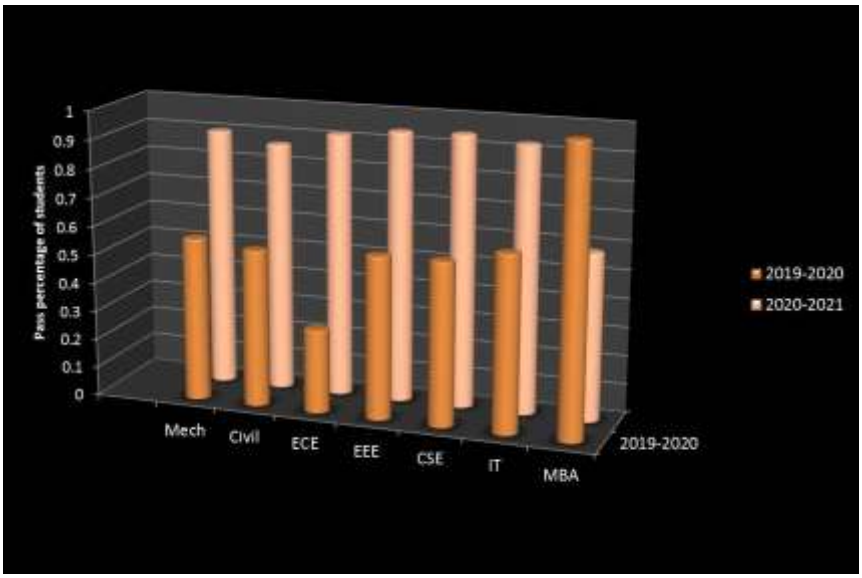
Title: e-learning tools are used by teachers to facilitate effective teaching and learning.

Evidence and Success:

The students display

- Improved understanding of concepts
- Enhanced involvement in attending the lectures

The success rate of practicing e-learning was studied by analyzing the results obtained by students in examinations conducted on subjects taught trough e-learning mode. The result analysis shows betterment of performance by students of various departments.



Analysis of Success Rate of e-learning Practice

IFET COLLEGE OF ENGG. An Autonomous Institution VILLUPURAM

PRINCIPAL
Dr.G. MAHENDRAN, B.E.,M.Tech.,Ph.D.,
PRINCIPAL,
IFET College of Engineering,
(An Autonomous Institution)
IFET Nagar, GANGARAMPALAYAM,
Villupuram District, 605 108.

Best Practice II

Title: Virtual laboratory

Evidence and Success:

It was noted that students were very engaged in learning. When performing experiments in real time using experience gained from virtual labs, students were found to be more involved in developing their knowledge and application of the principles. The successful practice of virtual labs was studied by obtaining and analyzing the feedbacks from the students.

Feedback questions:

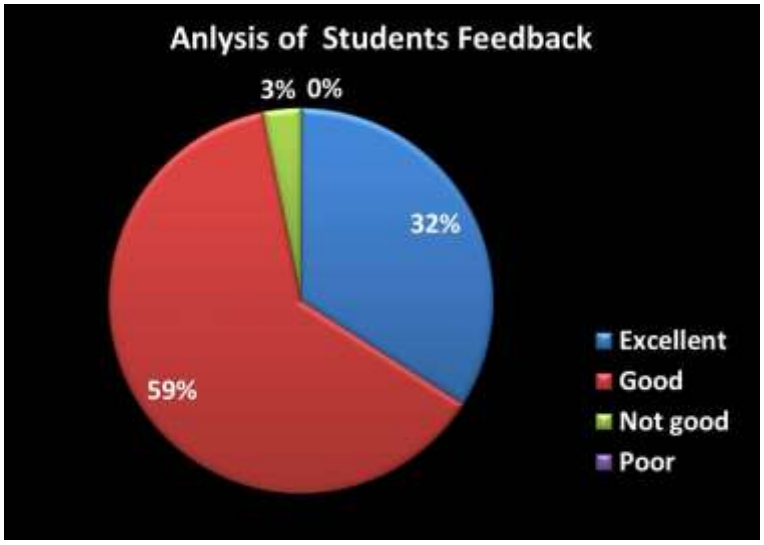
1. Feel of simulated labs over actual lab environment.

2. Manual provided was helpful.

3. Procedure was clear and understandable.

4. Accuracy of the results was consistent**.**

5. Experiment was relevant to your need.



IFET COLLEGE OF ENGG. An Autonomous Institution VILLUPURAM

PRINCIPAL
Dr.G. MAHENDRAN, B.E.,M.Tech.,Ph.D.,
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IFET Nagar, GANGARAMPALAYAM,
Villupuram District, 605 108.

IFET COLLEGE OF ENGINEERING

(An Autonomous Institution)

Virtual Laboratory Session Feedback Form

Department of COMPUTER SCIENCE AND ENGINEERING

DATE: 24/9/2021

NAME: SABIMOZHI.M

REG.NO: 2010210098

YEAR: II

CONTENT TITLE: PROGRAM USING 8085 MICROPROCESSOR FOR ADDITION AND SUBTRACTION OF 2BCD NUMBER

1. Feel of simulated labs over actual lab environment.

Excellent	Good	Not good	Poor
☑	☐	☐	☐

2. Manual provided was helpful.

Excellent	Good	Not good	Poor
☐	☑	☐	☐

3. Procedure was clear and understandable.

Excellent	Good	Not good	Poor
☑	☐	☐	☐

4. Accuracy of the results was consistent.

Excellent	Good	Not good	Poor
☐	☑	☐	☐

5. Experiment was relevant to your need.

Excellent	Good	Not good	Poor
☑	☐	☐	☐

IFET COLLEGE OF ENGINEERING

(An Autonomous Institution)

Virtual Laboratory Session Feedback Form

Department of COMPUTER SCIENCE AND ENGINEERING

DATE: 24/09/2021

NAME: MOGANA PRIYA. J

REG.NO: 2020 21060

YEAR: II

CONTENT TITLE: PROGRAM USING 8085 MICROPROCESSOR FOR ADDITION AND SUBTRACTION OF 2BCD NUMBER

1. Feel of simulated labs over actual lab environment.

Excellent	Good	Not good	Poor
☐	☑	☐	☐

2. Manual provided was helpful.

Excellent	Good	Not good	Poor
☐	☑	☐	☐

3. Procedure was clear and understandable.

Excellent	Good	Not good	Poor
☑	☐	☐	☐

4. Accuracy of the results was consistent.

Excellent	Good	Not good	Poor
☐	☑	☐	☐

5. Experiment was relevant to your need.

Excellent	Good	Not good	Poor
☑	☐	☐	☐

IFET COLLEGE OF ENGINEERING

(An Autonomous Institution)

Virtual Laboratory Session Feedback Form

Department of COMPUTER SCIENCE AND ENGINEERING

DATE: 24/09/2021

NAME: OVIYA A

REG.NO: 2010210074

YEAR: II

CONTENT TITLE: PROGRAM USING 8085 MICROPROCESSOR FOR ADDITION AND SUBSTRACTION OF 2 BCD NUMBER

1. Feel of simulated labs over actual lab environment.

Excellent	☐	Good	☑	Not good	☐	Poor	☐

2. Manual provided was helpful.

Excellent	☑	Good	☐	Not good	☐	Poor	☐

3. Procedure was clear and understandable.

Excellent	☐	Good	☑	Not good	☐	Poor	☐

4. Accuracy of the results was consistent.

Excellent	☐	Good	☑	Not good	☐	Poor	☐

5. Experiment was relevant to your need.

Excellent	☑	Good	☐	Not good	☐	Poor	☐

IFET COLLEGE OF ENGINEERING

(An Autonomous Institution)

Virtual Laboratory Session Feedback Form

Department of COMPUTER SCIENCE AND ENGINEERING

DATE: 24/09/2021

NAME: MAHALAKSHMI E

REG.NO: 2010210573

YEAR: IV

CONTENT TITLE: PROGRAM USING 8085 MICROPROCESSOR FOR ADDITION AND SUBSTRACTION OF 2 BCD NUMBER

1. Feel of simulated labs over actual lab environment.

Excellent ☐ Good ☑ Not good ☐ Poor ☐

2. Manual provided was helpful.

Excellent ☑ Good ☐ Not good ☐ Poor ☐

3. Procedure was clear and understandable.

Excellent ☐ Good ☑ Not good ☐ Poor ☐

4. Accuracy of the results was consistent.

Excellent ☑ Good ☐ Not good ☐ Poor ☐

5. Experiment was relevant to your need.

Excellent ☐ Good ☑ Not good ☐ Poor ☐

IFET COLLEGE OF ENGINEERING

(An Autonomous Institution)

Virtual Laboratory Session Feedback Form

Department of COMPUTER SCIENCE AND ENGINEERING.

DATE: 24.09.2021

NAME: MANTHRA.B

REG.NO: 2010210S9.

YEAR: II

CONTENT TITLE: PROGRAM USING 8085 MICROPROCESSOR FOR ADDITION AND SUBSTRACTION OF 2 BCD NUMBER

1. Feel of simulated labs over actual lab environment.

Excellent ☐ Good ☑ Not good ☐ Poor ☐

2. Manual provided was helpful.

Excellent ☑ Good ☐ Not good ☐ Poor ☐

3. Procedure was clear and understandable.

Excellent ☐ Good ☑ Not good ☐ Poor ☐

4. Accuracy of the results was consistent.

Excellent ☐ Good ☑ Not good ☐ Poor ☐

5. Experiment was relevant to your need.

Excellent ☑ Good ☐ Not good ☐ Poor ☐

IFET COLLEGE OF ENGINEERING

(An Autonomous Institution)

Virtual Laboratory Session Feedback Form

Department of CSE

DATE: 29.09.2021

NAME: MONICA R

REG.NO: 201021065

YEAR: II

CONTENT TITLE: PROGRAM USING 8085 MICROPROCESSOR FOR ADDITION AND SUBTRACTION OF 2 BCD NUMBERS

1. Feel of simulated labs over actual lab environment.

Excellent	Good	Not good	Poor
☐	☑	☐	☐

2. Manual provided was helpful.

Excellent	Good	Not good	Poor
☑	☐	☐	☐

3. Procedure was clear and understandable.

Excellent	Good	Not good	Poor
☐	☑	☐	☐

4. Accuracy of the results was consistent.

Excellent	Good	Not good	Poor
☐	☑	☐	☐

5. Experiment was relevant to your need.

Excellent	Good	Not good	Poor
☑	☐	☐	☐

IFET COLLEGE OF ENGINEERING

(An Autonomous Institution)

Virtual Laboratory Session Feedback Form

Department of COMPUTER SCIENCE AND ENGINEERING

DATE: 24.09.2021

NAME: KAYALVIZHI.B

REG.NO: 201021051

YEAR: II

CONTENT TITLE: PROGRAM USING 8085 MICROPROCESSOR FOR ADDITION AND SUBTRACTION OF 2 BCD NUMBERS

1. Feel of simulated labs over actual lab environment.

Excellent	☐	Good	☑	Not good	☐	Poor	☐

2. Manual provided was helpful.

Excellent	☑	Good	☐	Not good	☐	Poor	☐

3. Procedure was clear and understandable.

Excellent	☐	Good	☑	Not good	☐	Poor	☐

4. Accuracy of the results was consistent.

Excellent	☐	Good	☑	Not good	☐	Poor	☐

5. Experiment was relevant to your need.

Excellent	☑	Good	☐	Not good	☐	Poor	☐

IFET COLLEGE OF ENGINEERING

(An Autonomous Institution)

Virtual Laboratory Session Feedback Form

Department of COMPUTER SCIENCE AND ENGINEERING

DATE: 24.09.2021

NAME: NIVETHA N

REG.NO: 2010210712

YEAR: II

CONTENT TITLE: PROGRAM USING 8085 MICROPROCESSOR FOR ADDITION AND SUBTRACTION OF 2BCD NUMBERS

1. Feel of simulated labs over actual lab environment.

Excellent	☐	Good	☑	Not good	☐	Poor	☐

2. Manual provided was helpful.

Excellent	☑	Good	☐	Not good	☐	Poor	☐

3. Procedure was clear and understandable.

Excellent	☑	Good	☐	Not good	☐	Poor	☐

4. Accuracy of the results was consistent.

Excellent	☐	Good	☑	Not good	☐	Poor	☐

5 Experiment was relevant to your need.

Excellent	☑	Good	☐	Not good	☐	Poor	☐

IFET COLLEGE OF ENGINEERING

(An Autonomous Institution)

Virtual Laboratory Session Feedback Form

Department of COMPUTER SCIENCE & ENGINEERING

DATE: 24.9.2021

NAME: NIDYA THIRSHPUR.M

REG.NO: 2010211069

YEAR: II

CONTENT TITLE: PROGRAM USING 8085 MICROPROCESSOR FOR ADDITION & SUBTRACTION OF 2BCD NUMBE

1. Feel of simulated labs over actual lab environment.

Excellent	☑	Good	☐	Not good	☐	Poor	☐

2. Manual provided was helpful.

Excellent	☐	Good	☑	Not good	☐	Poor	☐

3. Procedure was clear and understandable.

Excellent	☐	Good	☑	Not good	☐	Poor	☐

4. Accuracy of the results was consistent.

Excellent	☑	Good	☐	Not good	☐	Poor	☐

5. Experiment was relevant to your need.

Excellent	☐	Good	☑	Not good	☐	Poor	☐

IFET COLLEGE OF ENGINEERING

(An Autonomous Institution)

Virtual Laboratory Session Feedback Form

Department of COMPUTER SCIENCE AND ENGINEERING

DATE: 24.09.2021

NAME: KAVIYA.M

REG NO: 2010210049

YEAR: II

CONTENT TITLE: PROGRAM USING 8085 MICROPROCESSOR FOR ADDITION AND SUBTRACTION OF 2 BCD NUMBERS.

1. Feel of simulated labs over actual lab environment.

Excellent	☐	Good	☑	Not good	☐	Poor	☐

2. Manual provided was helpful.

Excellent	☑	Good	☐	Not good	☐	Poor	☐

3. Procedure was clear and understandable.

Excellent	☐	Good	☑	Not good	☐	Poor	☐

4. Accuracy of the results was consistent.

Excellent	☐	Good	☑	Not good	☐	Poor	☐

5. Experiment was relevant to your need.

Excellent	☑	Good	☐	Not good	☐	Poor	☐

IFET COLLEGE OF ENGINEERING

(An Autonomous Institution)

Virtual Laboratory Session Feedback Form

Department of COMPUTER SCIENCE AND ENGINEERING

DATE: 24-09-2021

NAME: KEERTHANA · P

REG.NO: 2010210052

YEAR: II

CONTENT TITLE: PROGRAM USING 8085 MICROPROCESSOR FOR ADDITION AND SUBTRACTION OF 2 BCD NUMBERS

1. Feel of simulated labs over actual lab environment.

Excellent	☑	Good	☐	Not good	☐	Poor	☐

2. Manual provided was helpful.

Excellent	☐	Good	☑	Not good	☐	Poor	☐

3. Procedure was clear and understandable.

Excellent	☑	Good	☐	Not good	☐	Poor	☐

4. Accuracy of the results was consistent.

Excellent	☐	Good	☑	Not good	☐	Poor	☐

5. Experiment was relevant to your need.

Excellent	☑	Good	☐	Not good	☐	Poor	☐

IFET COLLEGE OF ENGINEERING

(An Autonomous Institution)

Virtual Laboratory Session Feedback Form

Department of EEE

DATE: 17.9.2021

NAME: N. Gayathri

REG NO: 2010410006

YEAR: 2

CONTENT TITLE: Load characteristics of DC shunt Generator.

1. Feel of simulated labs over actual lab environment.

Excellent ☐ Good ☑ Not good ☐ Poor ☐

2. Manual provided was helpful.

Excellent ☑ Good ☐ Not good ☐ Poor ☐

3. Procedure was clear and understandable.

Excellent ☐ Good ☑ Not good ☐ Poor ☐

4. Accuracy of the results was consistent.

Excellent ☐ Good ☑ Not good ☐ Poor ☐

5. Experiment was relevant to your need.

Excellent ☑ Good ☐ Not good ☐ Poor ☐

IFET COLLEGE OF ENGINEERING

(An Autonomous Institution)

Virtual Laboratory Session Feedback Form

Department of EEE

DATE: 11.9.2021

NAME: ABINAYA. T

REG.NO: 2010A1001

YEAR: 2

CONTENT TITLE: LOAD CHARACTERISTICS OF DC SHUNT GENERATOR

1. Feel of simulated labs over actual lab environment.

Excellent	☑	Good	☐	Not good	☐	Poor	☐

2. Manual provided was helpful.

Excellent	☐	Good	☑	Not good	☐	Poor	☐

3. Procedure was clear and understandable.

Excellent	☑	Good	☐	Not good	☐	Poor	☐

4. Accuracy of the results was consistent.

Excellent	☐	Good	☑	Not good	☐	Poor	☐

5. Experiment was relevant to your need.

Excellent	☐	Good	☑	Not good	☐	Poor	☐

IFET COLLEGE OF ENGINEERING

(An Autonomous Institution)

Virtual Laboratory Session Feedback Form

Department of EEE

DATE: 17/9/2021

NAME: Babu. E

REG NO: 2010411016

YEAR: 2 year (III)

CONTENT TITLE: Load Characteristic of Dc Shunt Generator

1. Feel of simulated labs over actual lab environment.

Excellent ☐ Good ☑ Not good ☐ Poor ☐

2. Manual provided was helpful.

Excellent ☑ Good ☐ Not good ☐ Poor ☐

3. Procedure was clear and understandable.

Excellent ☑ Good ☐ Not good ☐ Poor ☐

4. Accuracy of the results was consistent.

Excellent ☐ Good ☑ Not good ☐ Poor ☐

5. Experiment was relevant to your need.

Excellent ☐ Good ☑ Not good ☐ Poor ☐

IFET COLLEGE OF ENGINEERING

(An Autonomous Institution)

Virtual Laboratory Session Feedback Form

Department of EEE

DATE: 17-09-21

NAME: Santhosh S

REG.NO: 2010410017

YEAR: II

CONTENT TITLE: Load Characteristics of DC Shunt Generater

1. Feel of simulated labs over actual lab environment.

Excellent	☐	Good	☑	Not good	☐	Poor	☐

2. Manual provided was helpful.

Excellent	☐	Good	☑	Not good	☐	Poor	☐

3. Procedure was clear and understandable.

Excellent	☐	Good	☑	Not good	☐	Poor	☐

4. Accuracy of the results was consistent.

Excellent	☐	Good	☑	Not good	☐	Poor	☐

5. Experiment was relevant to your need.

Excellent	☑	Good	☐	Not good	☐	Poor	☐

IFET COLLEGE OF ENGINEERING

(An Autonomous Institution)

Virtual Laboratory Session Feedback Form

Department of EEE

DATE: 17.09.2021

NAME: Joel Shaiju

REG.NO: 20104 1010

YEAR: II

CONTENT TITLE: Load Characteristics of DC Shunt Generator.

1. Feel of simulated labs over actual lab environment.

Excellent [✓] Good [ ] Not good [ ] Poor [ ]

2. Manual provided was helpful.

Excellent [ ] Good [✓] Not good [ ] Poor [ ]

3. Procedure was clear and understandable.

Excellent [ ] Good [✓] Not good [ ] Poor [ ]

4. Accuracy of the results was consistent.

Excellent [ ] Good [ ] Not good [✓] Poor [ ]

5. Experiment was relevant to your need.

Excellent [ ] Good [✓] Not good [ ] Poor [ ]

IFET COLLEGE OF ENGINEERING

(An Autonomous Institution)

Virtual Laboratory Session Feedback Form

Department of Mechanical Engineering

DATE: 16.10.2021

NAME: D. Arul Karthikeyan

REG.NO: 2010510005

YEAR: II

CONTENT TITLE: To determine the efficiency of Pelton wheel turbine.

1 Feel of simulated labs over actual lab environment.

Excellent ☐ Good ☑ Not good ☐ Poor ☐

2 Manual provided was helpful.

Excellent ☑ Good ☐ Not good ☐ Poor ☐

3 Procedure was clear and understandable.

Excellent ☑ Good ☐ Not good ☐ Poor ☐

4 Accuracy of the results was consistent.

Excellent ☐ Good ☑ Not good ☐ Poor ☐

5 Experiment was relevant to your need.

Excellent ☐ Good ☑ Not good ☐ Poor ☐

IFET COLLEGE OF ENGINEERING

(An Autonomous Institution)

Virtual Laboratory Session Feedback Form

Department of MECHANICAL ENGINEERING

DATE: 16/10/2021

NAME: S. SIVARAMAN

REG.NO: 20105 2014

YEAR: II

CONTENT TITLE: To determine the efficiency of pelton wheel turbine.

1. Feel of simulated labs over actual lab environment.

Excellent	☐	Good	☑	Not good	☐	Poor	☐

2. Manual provided was helpful.

Excellent	☐	Good	☑	Not good	☐	Poor	☐

3. Procedure was clear and understandable.

Excellent	☑	Good	☐	Not good	☐	Poor	☐

4. Accuracy of the results was consistent.

Excellent	☐	Good	☑	Not good	☐	Poor	☐

5. Experiment was relevant to your need.

Excellent	☑	Good	☐	Not good	☐	Poor	☐

IFET COLLEGE OF ENGINEERING

(An Autonomous Institution)

Virtual Laboratory Session Feedback Form

Department of Mechanical engineering DATE: 16/10/2021

NAME: Kathiravan E

REG.NO: 20105101015

YEAR: II

CONTENT TITLE: To determine the efficiency of pelton wheel turbine

1. Feel of simulated labs over actual lab environment.

Excellent ☐ Good ☑ Not good ☐ Poor ☐

2. Manual provided was helpful.

Excellent ☑ Good ☐ Not good ☐ Poor ☐

3. Procedure was clear and understandable.

Excellent ☑ Good ☐ Not good ☐ Poor ☐

4. Accuracy of the results was consistent.

Excellent ☐ Good ☑ Not good ☐ Poor ☐

5. Experiment was relevant to your need.

Excellent ☐ Good ☑ Not good ☐ Poor ☐

IFET COLLEGE OF ENGINEERING

(An Autonomous Institution)

Virtual Laboratory Session Feedback Form

Department of MECHANICAL ENGINEERING.

DATE: 16/10/2020

NAME: P. SRIMATHA GANAPATHY

REG.NO: 2010520115

YEAR: II

CONTENT TITLE: To determine the efficiency of pelton and whirl turbine

1. Feel of simulated labs over actual lab environment.

Excellent	Good	Not good	Poor
☐	☑	☐	☐

2. Manual provided was helpful.

Excellent	Good	Not good	Poor
☑	☐	☐	☐

3. Procedure was clear and understandable.

Excellent	Good	Not good	Poor
☐	☑	☐	☐

4. Accuracy of the results was consistent.

Excellent	Good	Not good	Poor
☑	☐	☐	☐

5. Experiment was relevant to your need.

Excellent	Good	Not good	Poor
☑	☐	☐	☐

IFET COLLEGE OF ENGINEERING

(An Autonomous Institution)

Virtual Laboratory Session Feedback Form

Department of Mechanical Engineering

DATE: 16/10/2021

NAME: P. Mohan

REG NO: 201051017

YEAR: II

CONTENT TITLE: To determine the efficiency of pelton wheel turbine

1. Feel of simulated labs over actual lab environment.

Excellent	Good	Not good	Poor
☑	☐	☐	☐

2. Manual provided was helpful.

Excellent	Good	Not good	Poor
☐	☑	☐	☐

3. Procedure was clear and understandable.

Excellent	Good	Not good	Poor
☐	☑	☐	☐

4. Accuracy of the results was consistent.

Excellent	Good	Not good	Poor
☑	☐	☐	☐

5. Experiment was relevant to your need.

Excellent	Good	Not good	Poor
☐	☑	☐	☐