



# RAMCO INSTITUTE OF TECHNOLOGY

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**Department of Computer Science and Business Systems**  
**Academic Year 2022– 2023(Odd Semester)**

**Degree, Semester & Branch:** B.Tech – I Semester CSBS

**Course Code & Title:** GE3151 Problem Solving and Python Programming

**Name of the Faculty member (s):** Dr.S.Erana Veerappa Dinesh, AP/CSE

## **Innovative Practice Description**

- **Unit / Topic:** Unit V / Modules and Packages
- **Course Outcome:** CO5
- **Topic Learning Outcome:** TLO15
- **Activity Chosen:** One Minute Paper
- **Justification:**
  - In one-minute paper activity the students will be given 60 seconds to write the brief about that class session.
  - Modules and Packages is an important topic needed for every programming language.
  - In order to have a recap of module concepts this activity is chosen.
- **Time Allotted for the Activity:** 10 Minutes
- **Details of the Implementation:**
  - Faculty explained the concept of the modules in python.
  - Students were asked to write the summary of modules in a paper within a minute. Mr.R.Sakthivel and Ms.V.Kamatchi of I-CSBS answer sheets are shown in fig 1.
  - The faculty member collected and corrected the sheet. The students who have written wrong content were asked to rewrite it.
- **CO – PO / PSO mapping (specific to this activity):**

CO	PO1	PO2	PO3	PO9	PO10	PSO1
CO2	3	1	1	1	1	1

(1 – Low

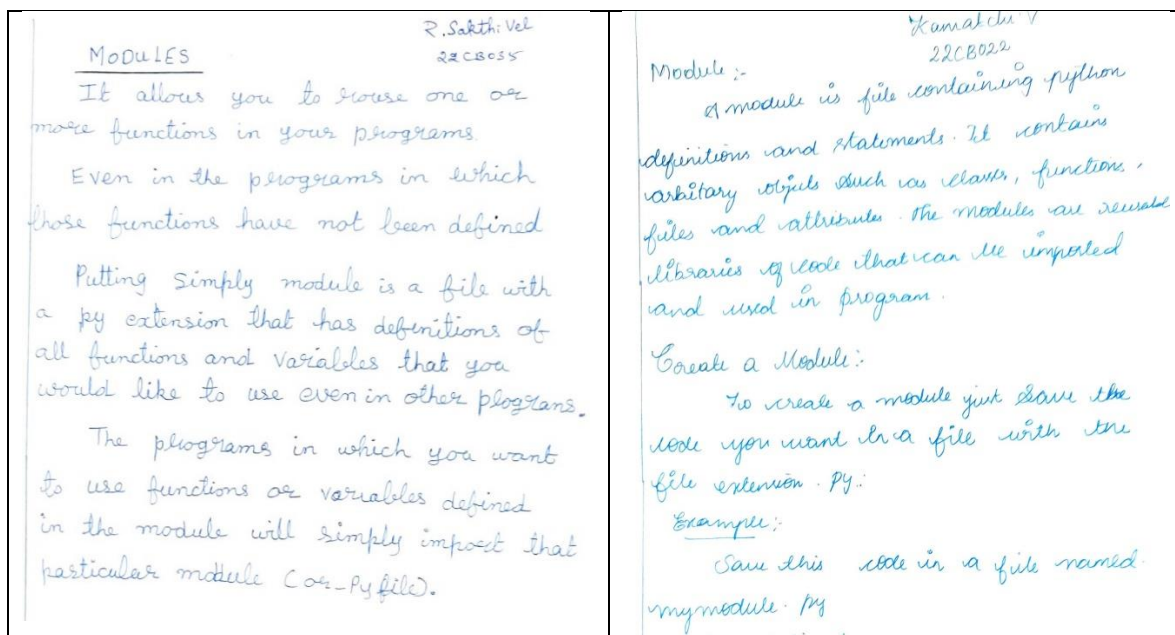
2 – Moderate

3 – High)

• **PO / PSO mapped:**

Innovative practice	PO1	PO2	PO3	PO9	PO10	PSO1
<b>Justification for correlation</b>	Students will be able to remember the modules concepts which is very much needed for a Python programming.	Students will be able to apply the modules while approaching the problem	Students will be able to provide solution for the problem by applying correct concept	As the student involved in the activity as an individual, the individual work skill improved	Students written/ documentation skill will be improved as they are the writing correct definition	The problem solving skill earned through this activity helps the students in solving various problems

• **Images / Screenshot of the practice:**



**Fig 1: Sample One minute paper activity Written by Mr.R.Sakhivel and Ms.V.Kamatchi**

**Reflective Critique:**

❖ **Feedback of practice from students and other stakeholders:**

- Students said that they were able to recollect and remember the modules in python after the activity
- Students felt it will be helpful while preparing for exam

❖ *Benefit of the practice:*

- Students remembrance of the concept is improved
- Get a sense of what the students have learned, where there might be gaps in their knowledge

❖ *Challenges faced in implementation:*

- Few students made a mistake in writing the concept.
- It took much time for some students to complete the activity.
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***References***

- [https://www.ritrjpm.ac.in/images/computer-science/2022-2023/2\\_VA\\_CS3362\\_One\\_Minute\\_Paper.pdf](https://www.ritrjpm.ac.in/images/computer-science/2022-2023/2_VA_CS3362_One_Minute_Paper.pdf)
- [https://www.ritrjpm.ac.in/images/computer-science/2022-2023/IG\\_OneMinutePaper.pdf](https://www.ritrjpm.ac.in/images/computer-science/2022-2023/IG_OneMinutePaper.pdf)
- <https://www.ritrjpm.ac.in/images/computer-science/CS8251-SE-MinutePaper.pdf>

**Signature of Faculty Member**

**HOD**