

A.S.D.GOV.T. DEGREE COLLEGE FOR WOMEN (A)

(Re-Accredited with 'B' Grade by NAAC)

(Affiliated to Adikavi Nannaya University)

Jagannaickpur, Kakinada.

DEPARTMENT OF COMPUTER SCIENCE



స్త్రీవిద్యాప్రవర్ధతాం

INNOVATIVE PRACTICES

QUIZ USING Plickers

2019-2020

A.S.D. GOVT. DEGREE COLLEGE FOR WOMEN (A)

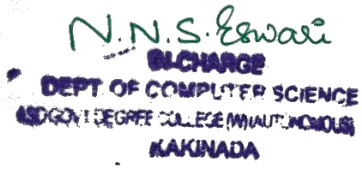

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DEPARTMENT OF COMPUTER SCIENCE

Activity Register 2019-2020

Date	26-07-1019
Conducted through (DRC/JKC/ELF/NCC/NSS/ Departments etc.)	Department of Computer Science
Nature of Activity (Seminar/Workshop/Extn. Lecture etc.,)	Quiz using Plickers
Title of the Activity	Formative Assessment using Plickers
Name of the Department/Committee	COMPUTER SCIENCE
No. of students participated	41
Brief Report on the activity	To make the students aware on fundamentals of computers using online assessment tools
Name of the Lecturers who Planned & conducted the activity	N. Naga Subrahmanyeswari G.Satya Suneetha
Signature of the Dept. In-Charge /Convener of the Committee	
Signature of the Principal	
Remarks	

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DEPARTMENT OF COMPUTER SCIENCE

FORMATIVE ASSESSMENT USING PLICKERS

2019-2020

The Department of Computer Science had conducted Formative Assessment through Plickers for I B.Sc(M.P.Cs) and I B.Com(C.A.) students in Seminar Hall (Digital Class Room) at 2:00 P.M.

N.N.S. Eswari
IN CHARGE
DEPT OF COMPUTER SCIENCE
ASDGOVT DEGREE COLLEGE (WOMEN) KAKINADA

Signatures of the Lecturers:

A.S.D.GOV'T. DEGREE COLLEGE FOR WOMEN (A)

JAGANNAICKPUR, KAKINADA.



DEPARTMENT OF COMPUTER SCIENCE

Quiz using Plickers

The following students had participated in the activity on 26-07-2019.

S.No	Regd. No.	Name of the Students	Class	Signature
1.	192098	H. Pavanî	I Bsc (MPCS)	H. Pavanî
2.	192056	H. Vama lakshmi	I BSC (MPCS)	H. Vama lakshmi
3.	192056	MD Reehma Begum	I BSC (MPCS)	MD. Reehma Begum
4.	192103	SK. Saajida	I BSC (MPCS)	SK. Saajida
5.	192057	K. Vimala Devi	I BSC (MPCS)	K. Vimala Devi
6.	192072	Y. Kusuma	I BSC (MPCS)	Y. Kusuma
7.	192078	G. Praneeha	I BSC (MPCS)	G. Praneeha
8.	192064	S. Divya	I BSC (MPCS)	S. Divya
9.	192097	V. OM Rajyalakshmi	I BSC (MPCS)	V. OM Rajyalakshmi
10.	192069	V. Jnana Kumari	I BSC (MPCS)	V. Jnana Kumari
11.	192052	M. Divya Rupa	I BSC (MPCS)	M. Divya Rupa
12.	192096	K. Naga Lakshmi	I BSC (MPCS)	K. Naga Lakshmi
13.	192083	G. Surekha	I BSC (MPCS)	G. Surekha
14.	192079	K. Ramya	I BSC (MPCS)	K. Ramya
15.	192053	K. Naga Prabarna	I BSC (MPCS)	K. Naga Prabarna
16.	192073	G. Lakshmi Deepika	I BSC (MPCS)	G. L. Deepika
17.	192061	V. Bhagya Lakshmi Devi	I BSC (MPCS)	V. B. L. Devi
18.	1920110	P. Vijaya Divyaga	I BSC (MPCS)	P. Vijaya Divyaga
19.	192071	D. Kavitha	I BSC (MPCS)	D. Kavitha
20.	192099	J. Pavanimalakshmi	I BSC (MPCS)	J. Pavanî

S.No	Regd. No.	Name of the Students	Class	Signature
21.	192070 192076	P. Nanyya	B.Sc - MPCs	P. Nanyya.
22.	192065	K. Divya Darshini	B.Sc - MPCs	K. Divya
23.	192068	V. Thansi Sri Sai	B.Sc - MPCs	V. Thansi
24.	192075	D. Manika	B.Sc - MPCs	D. Manikan
25.	192107	K. Veena Gauthami	B.Sc - MPCs	K. Gauthami
26.	192086	T. Asha Jyothi	B.Sc - MPCs	T. Asha Jyothi
27.	193124	K. Bharathi	B.Com - CA	K. Bharathi
28.	193128	M. Laya Munnisha	B.Com - CA	M. Laya Munnisha
29.	193121 193121	E. Srijananjali	B.Com - CA	E. Srijananjali
30.	193137	B. Nookarathnam	B.Com - CA	B. Nookarathnam
31.	193144	B. Sumathi	B.Com - CA	B. Sumathi
32.	193141	N. Ramatulasi	B.Com - CA	N. R. Tulasi
33.	193123	G. Aparna	B.Com - CA	G. Aparna
34.	193133	B. Jashna Divya	B.Com - CA	B. Jashna
35.	193147	R. Veeramani	B.Com - CA	R. Veeramani
36.	193129	K. Mallikarjuni	B.Com - CA	K. Mallikarjuni
37.	193125	P. D. Mounika	B.Com - CA	P. D. Mounika
38.	193146	K. Tanuja	B.Com - CA	K. Tanuja
39.	193122	G. Anantha Lakshmi	B.Com - CA	G. Anantha Lakshmi
40.	193127	B. Divya Bhavani	B.Com - CA	B. Divya Bhavani
41.	193119	K. Parimala	B.Com - CA	K. Parimala
42.	193134	Ch. L. Sowjanya	B.Com - CA	Ch. L. Sowjanya
43.	193130	P. Sri Mounika	B.Com - CA	P. Sri Mounika
44.	193139	P. Paritha	B.Com - CA	P. Paritha
45.	193147	R. Veeramani	B.Com - CA	R. Veeramani
46.	193138	P. Padma Latha	B.Com - CA	P. Padma Latha
47.	193135	K. Nandhini Jyothi	B.Com - CA	K. Nandhini Jyothi
48.	193145	D. Sumitha Devi	B.Com - CA	D. Sumitha Devi
49.	193120	K. Kanya	B.Com - CA	K. Kanya
50.	193131	K. Anusha	B.Com - CA	K. Anusha

Plickers- A Formative Assessment Tool

Plickers is an assessment tool made by a teacher who was looking for a quick and simple way to check student understanding. This assessment tool allows teachers to collect on-the-spot formative assessment data without the need to have students use devices or paper and pencil. This assessment tool allows teachers to collect on-the-spot formative assessment data without the need to have students use devices or paper and pencil. Teachers can use this tool with previous planning or on the go as needed. This tool provides teachers with the data needed to inform their instruction. “It provides students with the opportunity to participate and engage in learning without feeling self-conscious.” (Plickers.com) It’s a data collection tool that’s helpful for teachers and fun for the students. Learning takes place through online games and lessons.

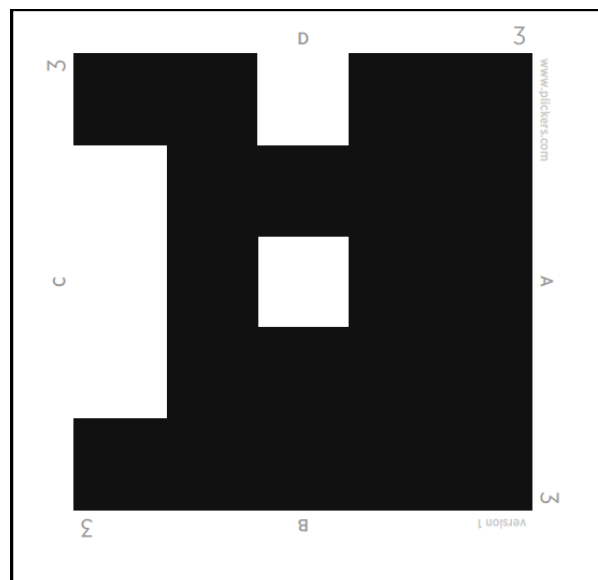
Plickers is designed for **formative assessments**.

It is a powerful tool, but rivals its competitors in its simplicity. It collects real-time formative assessment data, which can then be used by teachers to restructure or tailor their lessons. For example, as a formative assessment, a teacher can quickly check what concepts students are understanding easily and what ones they are struggling with, so the teacher can decide on which ones to focus more of the lesson time. Similarly, it’s not always clear for a teacher to know when is the best time to move on to new material. Plickers quickly gives the teacher an idea of understanding both as a class and at the individual student level, to make a more informed decision as to when it’s time to continue. During and after class, teachers are able to review each student’s answers and see which students have mastered the material and which ones might need more instruction or help. It allows teachers to make quicker and more effective choices as to who should help whom and who might need remedial or advanced work. Thus, Plickers allows for easier differentiation of learning and helps accommodate learning preferences.

Students stay engaged throughout the assessment because they find the Assessment activity to be fun.

Ease of use: Very simple to use for students. They just need to rotate a card to show their answer. Very simple for teachers to use the app, to scan, and to project answers. Questions can be loaded previously or as a “need to” basis. Plickers cards are easy to handle, and come in different sizes typical to larger auditoriums, and in larger size fonts for younger students to be able to read.

Access: Plickers accounts can be managed from the web but teachers need the Plickers mobile app in order to scan students’ cards and see their responses. The Plickers app is free for both iOS and Android. The app can be used on phones and tablets.



Teachers can use Plickers as a Pre-Assessment before the start of a unit. Students can answer questions related to a new science unit about Sustainable Development, such as “[What is Sustainable Development?](#)”. Teachers can inform their planning after analyzing student data from the pre-assessment.

How to Use [Plickers](#)

Adding a class

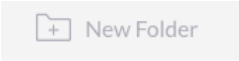
1. Sign In
2. Go to Classes
3. Here you will see a Demo Class, and any classes already added to your account, and a tab that says “Add new class”

Click on Add new class


You will be asked to Name the class, select grade level, select subject, and assign a color to identify the new class

4. Click Save
5. The new class should now appear on your Classes page

1. Creating a Folder

1. Sign In
2. go to Library
3. Look for New Folder logo  and click on it
4. You can use up to 30 characters to name the New Folder
5. Press Save


2. Adding new questions

1. Sign In
2. Go to Library
3. Click on desired Folder
4. You will see previous questions and a New Question icon , click on New Question
5. You will be asked to
 1. Add question text
 2. Choose between Multiple Choice or True/False
 3. Write in A, B, C, D answers
 4. Click on all possible correct answers
 5. Click Save to leave Click Save and create new to add more questions

3. Printing the Plickers cards

1. Sign In
2. Go to Cards
3. Select desired Plickers card that suit your class needs
4. Print

4. Scanning the Plickers cards on your phone or tablet

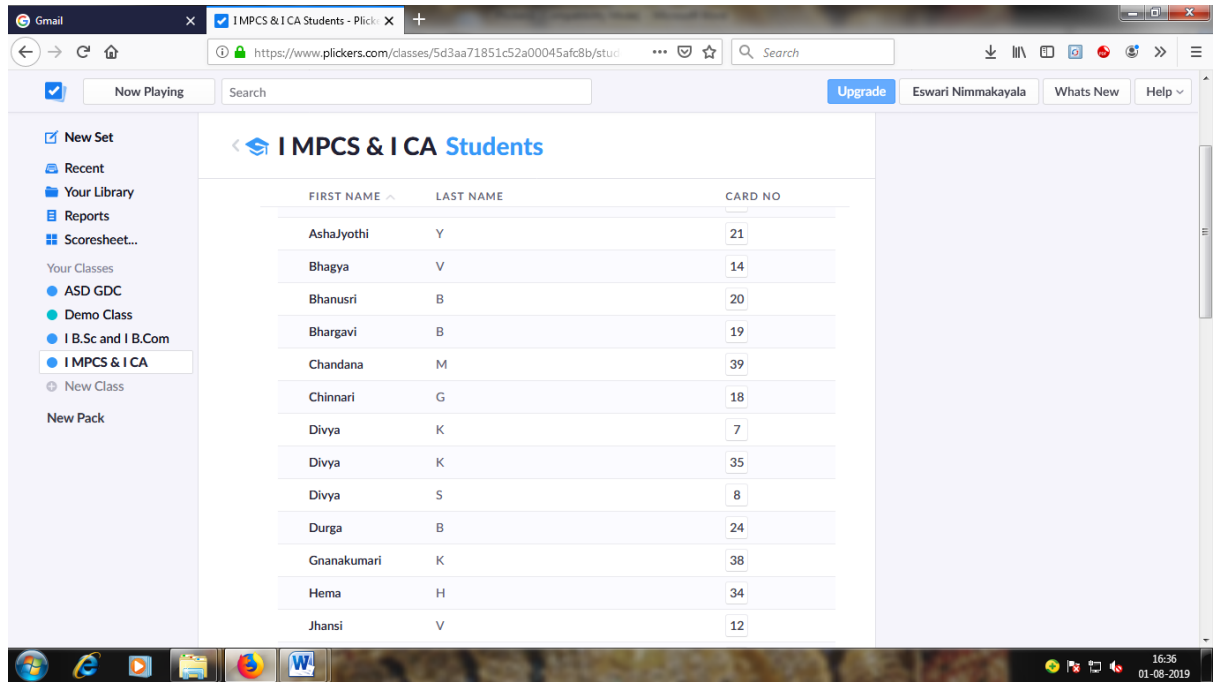
1. Press the Plickers icon 
2. Press Sign In
3. Write in Email, and Password
4. Press Done
5. Choose class
6. In Queue, you will see available questions that haven't been used for assessment
7. In History, you will see already used questions
8. Press on the question you wish to assess students with
9. Using Live View post the question on screen
10. Press blue Scan button
11. You will see an overlay of the students
12. Make sure the cards are visible, you may move phone to capture all cards
13. Green indicates correct answers, Red indicates incorrect answers, Dark Grey indicates invalid answers and Light Grey indicates students have not been scanned.
 1. Press the checkmark when complete
 2. Answers can be seen by teacher, using the web site you may also post students names with answers, or chart graph without the students names with the answers

Questions:

1. The brain of a computer system is
 - a. ALU
 - b. CPU**
 - c. Memory
 - d. Control Unit
2. Computer understands _____ language
 - a. Binary**
 - b. Assembly
 - c. High-level
 - d. None of the above
3. ALU is
 - a. Arithmetic Logic Unit**
 - b. Array Logic Unit
 - c. Application Logic Unit
 - d. None of above
4. Which of the following is a storage device?
 - a. Magnetic Tape
 - b. Hard Disk
 - c. Floppy Disk
 - d. All of the above**
5. Chief component of first generation computer was
 - a. Transistors
 - b. Vacuum Tubes**
 - c. Integrated Circuits
 - d. None of above
6. EEPROM stands for
 - a. Electrically Erasable Programmable Read Only Memory**
 - b. Easily Erasable Programmable Read Only Memory
 - c. Electronic Erasable Programmable Read Only Memory
 - d. None of the above
7. Personal computers use a number of chips mounted on _____
 - a. Daughter board
 - b. Motherboard**
 - c. Father board
 - d. Breadboard
8. Which of the following are input devices?
 - a. Keyboard
 - b. Mouse
 - c. Card reader
 - d. Any of these**
9. RAM stands for
 - a. Random origin money
 - b. Random only memory
 - c. Read only memory
 - d. Random access memory**
10. 1 Byte =?
 - a. 8 bits**
 - b. 4 bits
 - c. 2 bits
 - d. 9 bits
11. RAM is also called as
 - a. Read / Write Memory**
 - b. Long Memory
 - c. Permanent Memory
 - d. Primary Memory

12. A DVD is an example of a
a. hard disk b. optical mouse c. output device **d. storage device**
13. Physical structure of computer is called :
a. Software **b. Hardware** c. Human ware d. All of these
14. Which of the following is a secondary memory device ?
a. RAM b. Keyboard **c. Hard disk** d. Mouse
15. Which memory is volatile in nature ?
a. RAM b. ROM c. PROM d. Mouse
16. Operating system is a
a. Language b. Hardware c. Application software **d. System software**
17. The smallest unit of storage is
a. Byte b. Kilo Byte c. Mega Byte d. Giga Byte
18. CD-ROM stands for
a. Compact Disk Read Only Memory b. Compact Data Read Only Memory
c. Compactable Disk Read Only Memory d. None of the above
19. What is the process of loading operating systems called?
a. Booting b. Loading c. Refreshing d. None of the above
20. What is the main function of Computers?
a. Storage **b. Computations** c. Reading d. Writing

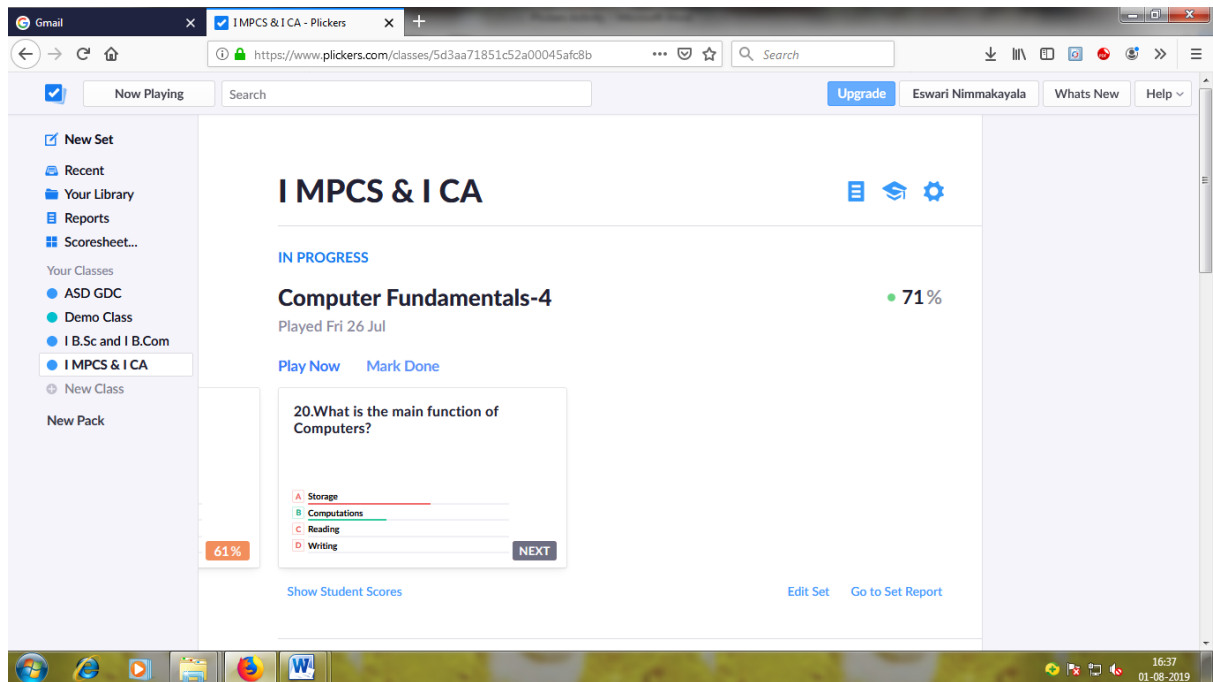
List of Students Participated in the Activity



The screenshot shows the Plickers interface for a class named "I MPICS & I CA Students". The interface includes a sidebar with navigation options like "New Set", "Recent", "Your Library", "Reports", and "Scoresheet...". The main content area displays a table of student participation data.

FIRST NAME	LAST NAME	CARD NO
AshaJyothi	Y	21
Bhagya	V	14
Bhanusri	B	20
Bhargavi	B	19
Chandana	M	39
Chinnari	G	18
Divya	K	7
Divya	K	35
Divya	S	8
Durga	B	24
Gnanakumari	K	38
Hema	H	34
Jhansi	V	12

Question Wise Analysis Report of the Activity



The screenshot shows the Plickers interface for a class named "I MPICS & I CA". The interface displays a question-wise analysis report for the activity "Computer Fundamentals-4". The report shows that the activity is "IN PROGRESS" and has a completion rate of 71%. The question being analyzed is "20. What is the main function of Computers?". The analysis shows that 61% of students selected the correct answer, "Computations".

I MPICS & I CA

IN PROGRESS

Computer Fundamentals-4 71%

Played Fri 26 Jul

[Play Now](#) [Mark Done](#)

20. What is the main function of Computers?

A Storage
B Computations
C Reading
D Writing

61% NEXT

[Show Student Scores](#) [Edit Set](#) [Go to Set Report](#)

Set - Wise Analysis Report of the Activity

The screenshot shows the 'IMPCS & I CA Reports' page. It lists three sets of questions:

- Set 1: Computer Fundamentals-4** (71% score)
 - 16. Operating system is a
 - Language
 - Hardware
 - Application software
 - System software
- Set 2: Computer Fundamentals-2** (78% score)
 - 6. EEPROM stands for
 - Electrically Erasable Programmable Read Only Memory
 - Electrically Erasable Programmable Read Only Memory
 - Electrically Erasable Programmable Read Only Memory
 - None of the above
- Set 3: Computer Fundamentals-3** (60% score)
 - 11. RAM is also called as
 - Read / Write Memory
 - Long Memory
 - Operational Memory
 - Primary Memory

Score Sheet of the Students

The screenshot shows the 'Scoresheet - Plickers' page for 'IMPCS & I CA' covering the period from Monday, July 22 to Sunday, July 28, 2019. The table displays scores for two sets of questions: Computer Fundamentals-1 (71% class average) and Computer Fundamentals-3 (60% class average).

Name	Total	Computer Fundamentals-1 Fri 26 Jul • 71%					Computer Fundamentals-3 Fri 26 Jul • 60%					Comp
		1.The brain of a computer system is	2.Computer understands	3.ALU is	4.Which of the following is a storage	5.Chief component of first	11.RAM is also called as	12.A DVD is an example of a	13.Physical structure of computer is	14.Which of the following is a secondary	15.Which memory is volatile in	
Class Average	• 70%	95%	95%	100%	66%	0%	29%	29%	71%	76%	98%	63
Anitha	• 55%	D	A	C	B	B	D	A	D	A	A	F
Anusha	• 65%	D	A	C	B	B	D	C	B	A	A	F
AshaJyothi	• 85%	D	A	C	D	B	A	A	B	C	A	E
Bhagya	• 80%	D	A	C	D	B	D	B	B	C	A	E
Bhanusri	• 80%	D	A	C	D	B	A	A	B	A	A	E
Bhargavi	• 65%	D	A	C	D	B	A	A	A	A	A	E
Chandana	• 90%	D	A	C	D	B	D	D	B	C	A	F
Chinnari	• 70%	D	A	C	D	B	A	B	B	C	A	E
Divya K	• 80%	D	A	C	D	B	D	A	B	C	A	F
Divya K	• 75%	D	A	C	D	B	A	C	C	C	A	E
Divya S	• 75%	D	A	C	D	B	A	A	B	C	A	F
Durga	• 70%	D	A	C	D	B	A	A	B	A	A	E
Gnanakumari	• 75%	D	A	C	B	B	D	B	B	C	A	E
Hema	• 55%	D	A	C	B	D	D	A	C	C	A	C
Jhansi	• 75%	D	A	C	D	B	A	D	B	C	A	E
Kaveri	• 60%	D	A	C	D	B	A	A	A	C	A	F
Komali	• 60%	C	D	C	B	B	D	B	B	D	A	E
Kusuma	• 75%	D	A	C	D	B	A	A	A	C	A	E



Students participating in the Quiz using Plicker Cards

N. N. S. Eswari
Signature of the HOD
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