"Dissemination of Education through Knowledge, Science and Culture".

--Shikshanmaharshi Dr. Bapuji Salunkhe

Shri Swami Vivekanand Shikshan Sanstha, Kolhapur's

Padmabhushan Dr.Vasantraodada Patil

Mahavidyalaya, Tasgaon

Tal. Tasgaon. Dist. Sangli-416 312 (Maharashtra)

(Affiliated to Shivaji University, Kolhapur)

DEPARTMENT OF COMPUTER-SCIENCE AND APPLICATION

(2020-21)

A CERTIFICATE COURSE IN

Introduction to Artificial Intelligence

"Dissemination of Education through Knowledge, Science and Culture".
--Shikshanmaharshi Dr. Bapuji Salunkhe

Shri Swami Vivekanand Shikshan Sanstha, Kolhapur's

Padmabhushan Dr.Vasantraodada Patil Mahavidyalaya, Tasgaon

Tal. Tasgaon. Dist. Sangli-416 312 (Maharashtra)

(Affiliated to Shivaji University, Kolhapur)

Title of the Certificate Course

" Introduction to Artificial Intelligence"

Organizer:Department Of Computer Science&Appication
and
Internal Quality Assurance cell (IQAC) PDVP College, Tasgaon

Total No Of Student Participated:64
Total no of faculty conducted : 02

Kumbhar V.T.

Course Co-ordinator,

Career Oriented Course,

9 May, 2021

To,

The Principal,

P D V P College,

Tasgaon- 416 312.

Sub: - Regarding Permission to commencement of (COC) Certificate course.....

Respected Sir,

With reference to above subject, our college is going to start a certificate course entitled **" Introduction to Artificial Intelligence"** for B.Sc.- PART-II (Computer students) in this current academic year. So, I request you to kindly give me permission to commencement above said course.

Please consider the same and oblige.

Thanking you

Yours faithfully

(Kumbhar V.T.)

"Dissemination of Education for Knowledge, Science and Culture" -Shikshanmaharashi Dr. Bapuji Salunkhe

Shri Swami VivekanandShikshanSanstha, Kolhapur's

Padmabhushan Dr.vasantraodada Patil Mahavidyalaya, Tasgaon

Department Of Computer Science&Appication

DATE: 10-05-2021

The meeting of C.O.C. for preparation of syllabus of a certificate course in INTRODUCTION TO ARTIFITIAL INTELIGENCE was held on Monday 10-05-2021The following members of the committee were present for the preparation of syllabus.

Sr. No.	Name	Designation	College Name
1	Mr.Kumbhar V.T.	Chairman	P.D.V.P.College, Tasgaon
2	Mirs.Kumbhar N.V.	Member	P.D.V.P.College, Tasgaon
3	Mr. Santinath Patil	Member	K.W.C.College, Tasgaon
4	Mr.Toshif Mulla.	Member	Adarsh College, Vita
5	Mr. Sandeep Patil.	Member	A.C.S.College, Palus
6	Mr. Wagh A.A.	Member	P.D.V.P.College, Tasgaon

The syllabus for said course has been prepared and the copy of the same is enclosed herewith for your kind information and further action. Thanking you,

Yours faithfully,

(Mr. V.T.Kumbhar)

Dissemination of Education for Knowledge, Science and Culture" -Shikshanmaharashi Dr. Bapuji Salunkhe

Shri Swami VivekanandShikshanSanstha, Kolhapur's

Padmabhushan Dr.vasantraodada Patil Mahavidyalaya, Tasgaon

Department Of Computer Science&Appication

A Certificate Course in INTRODUCTION TO ARTIFITIAL INTELIGENCE

Academic year 2020-21

Time Table

DATE: 10-05-2021

Time	Monday	Thursday	Wednesday	Thursday	Friday	Saturday
8 to 9 am	Theory	Theory	Theory	Theory	Theory	Theory
9 to 10 am	Practical	Practical	Practical	Practical	Practical	Practical

Prin. Dr. Milind S. Hujare
Principal
Padmabhushan Dr. Vasantraodada Patil
Mahavidyalaya, Tasgaon (Sangli).

Mr. V.T.Kumbhar
Course coordinator

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Shri Swami VivekanandShikshanSanstha, Kolhapur's

PadmabhushanDr.vasantraodadaPatilMahavidyalaya, Tasgaon

Department Of Computer Science&Appication

A Certificate Course in INTRODUCTION TO ARTIFITIAL INTELIGENCE

Academic year 2020-21

NOTICE

DATE: 10-05-2021

All the students of B.Sc.- PART-II (computer science) are hereby informed that, the examination Of **INTRODUCTION TO ARTIFITIAL INTELIGENCE** certificate course will be held as per following shedule

SR.NO	PAPER	DAY	DATE	TIME
1	Theory	MONDAY	25/08/2018	8 to 11 am
2	Practical	THURSDAY	10/09/2018	8 to 11 am

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Shri Swami VivekanandShikshanSanstha, Kolhapur's

PadmabhushanDr.vasantraodadaPatilMahavidyalaya, Tasgaon

Department Of Computer Science&Appication

A Certificate Course in INTRODUCTION TO ARTIFITIAL INTELIGENCE

Academic year 2020-21

NOTICE

DATE: 10-05-2021

All the students of B.Sc.- PART-II **(Computer students))** are hereby informed that, our college is going to start a certificate course entitled **INTRODUCTION TO ARTIFITIAL INTELIGENCE** for this current academic year .All the students should take admissions as earlier

HOD

Head,

Department of Computer Science

Padmabhushan Dr. Vasantraodada Patil

Mahavidyalaya, TASGAON Dist. Sangli

Shri Swami VivekanandShikshanSanstha, Kolhapur's

PadmabhushanDr.vasantraodadaPatilMahavidyalaya, Tasgaon

Department Of Computer Science&Appication

A Certificate Course in INTRODUCTION TO ARTIFITIAL INTELIGENCE

Academic year 2020-21

Course Syllabus

Course Outcomes:

Perform proceger oriented programming to develop solutions to problems demonstrating usage of control structures, modularity, I/O and other standard language constructs.

Students will be able

1. To understand how AI use
2. To learn syntax and semantics of AI
3. To learn how to use inbuild functions and operators inAI

Unit- 1 : (15hrs)

Introduction to Artificial Intelligence and Problem Solving: Definition, AI Applications,

state and space search, depth first search, bredth first search, Heuristic search techniques, Best

first search, Mean and ends analysis, A* and AO* Algorithm

Knowledge Representation using Predicate Logic: Predicate calculus, Predicates and

Arguments, WFF, rule based representation, Resolution, principal, unification, modes pones.

Unit- 2 : (15hrs)

Structured Knowledge Representation Monotonic and non-monotonic reasoning, Semantic Net, Frames, Script, Conceptual dependency.Game Playing & Natural Language Processing Min max search procedure, Alphabeta cutoffs, vision, Introduction to natural language processing

Unit- 3: (15hrs)

Learning Concept of learning, Types of learning, learning automata, learning induction, Introduction toneural network Expert SystemUtilization and functionality, architecture of Expert system, Knowledge representation, Forward and backward chaining, Two case studies on expert systems.

Unit- 4: (15hrs)

AI LaboratoryProlog Programming language, exercises

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Department Of Computer Science&Appication

A Certificate Course in INTRODUCTION TO ARTIFITIAL INTELIGENCE

Academic year 2020-21

INTRODUCTION TO ARTIFITIAL INTELIGENCE

Evaluation System

Nature of Theory Question Paper: (Maximum Marks 50) MCQ -TEST(ONLINE)

1. Choose correct ONE Aernatives. 10 Marks(Each 1 mark)
2. Choose correct TWO alternatives. 20 Marks(Each 2 marks)
3. Choose correct Three alternatives. 20 Marks(Each 3marks)

Text Books

1. Dan W. Patterson, "Artficial Intelligence & Expert Systems"

References:

Elaine Rich, Kerin Knight, " Artificial Intelligence"

Rajendra Akerkar, "Introduction to artificial Intelligence"

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Shri Swami VivekanandShikshanSanstha, Kolhapur's

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Department Of Computer Science&Appication

A Certificate Course in INTRODUCTION TO ARTIFITIAL INTELIGENCE

Academic year 2020-21

INTRODUCTION TO ARTIFITIAL INTELIGENCE

Student List

Sr.NO	Name of student
1	Abhishek Zambre
2	aboli jagtap
3	Aditya chavan
4	Ajit Shendage
5	Akash todkar
6	ANIKET MALI
7	Asif Pathan
8	dhanashri shinde
9	gautam pardeshi
10	Gouri Chavan
11	Harshavardhan Mane
12	jitendra mane
13	kartik jagtap
14	kartiki koshti
15	Mayur Shinde
16	Mr. Vijay
17	mrunali kharade
18	Nawaj Mulla
19	Nilesh Mali
20	Niranjan Sutar
21	O'P ! GAMING
22	Pooja Patil
23	Pradnya Bhandurge
	Pradnya Patil
	Prajakta Patil
	Pranav P Patil
	Pranav Thoravat

24	**Prasad aardhye**
25	**PRATIK MANE**
26	**Rinesh Mithare**
27	**Rohan Patil**
28	**Rushi Chandavale**
29	**Rutoj Bhosale**
30	**Rutoj Bhosale**
31	**Rutuja Sawant**
32	**Rutwik Patil**
33	**Samiksha Gurav**
34	**sanket jadhav**
35	**sanket mali**
36	**Sanket Nalavade**
37	**Satyajeet Bhosale**
38	**SAURABH MANE**
39	**Saurabh Patil**
40	**Saurabh Patil**
41	**Shalini Pandey**
42	**Shivam Patil**
43	**Shreya Kambale**
44	**Shrutika Jadhav**
45	**Shubham Manepatil**
46	**Shubham Sutar**
47	**SIDDHARTH SHINDE**
48	**simplificati9n aradhye**
49	**Sonu Jamadar**
50	**Sourabh Mulik**
51	**Sourabh Mulik**
52	**Sourabh Vadde**
53	**Sudharshan Patil**
54	**Sukhmanikaur Bhatiya**
55	**Swapnil Mali**
56	**Tanaji Mohite**
	TEJAS AUTADE
	Tushar Mali 8834
	Vaishnavi Patil
	Vikram Surywanshi
	Vinayak Golgire
	Vishnavi Patil

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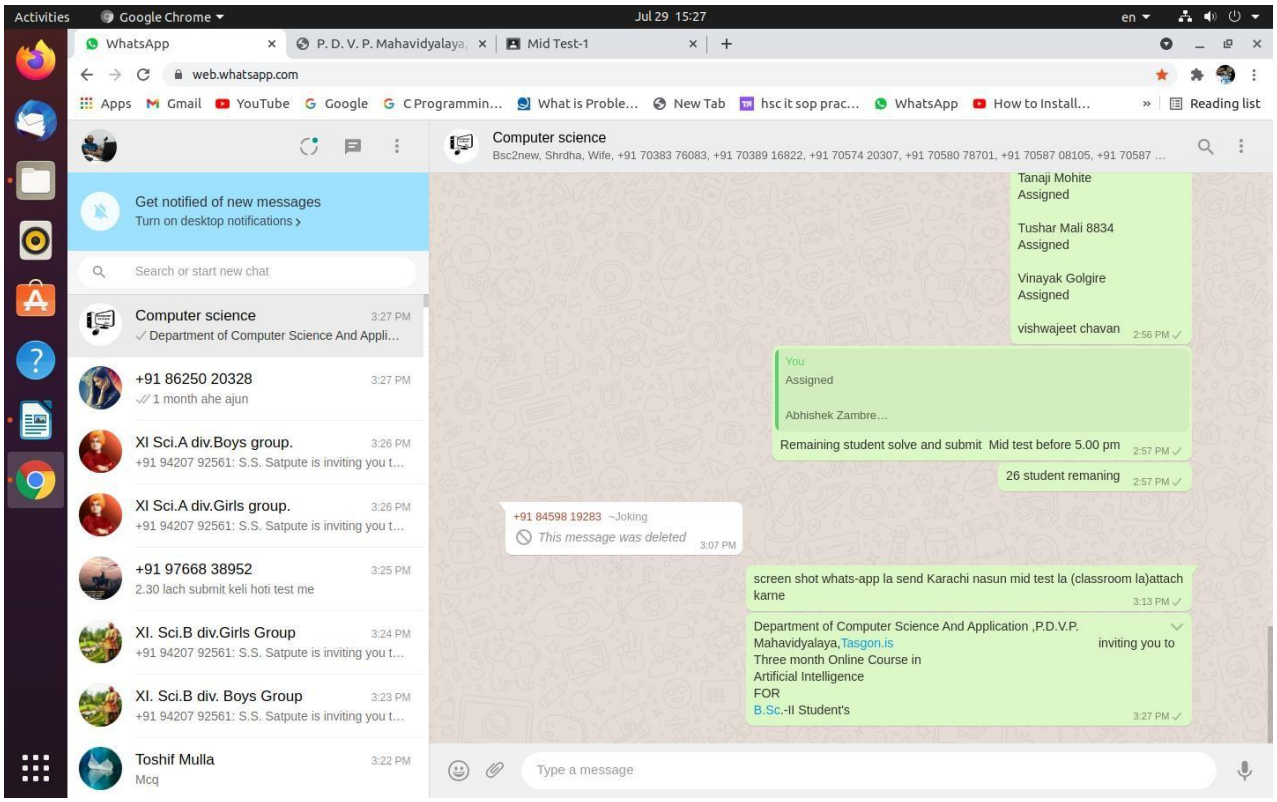
Department Of Computer Science&Appication

A Certificate Course in INTRODUCTION TO ARTIFITIAL INTELIGENCE

Academic year 2020-21

INTRODUCTION TO ARTIFITIAL INTELIGENCE

We have informed college students from whatsapp . The students from B.Sc.-2 registered for the Course . The students registered by using the registration link and joined the Course by using the google meet link..



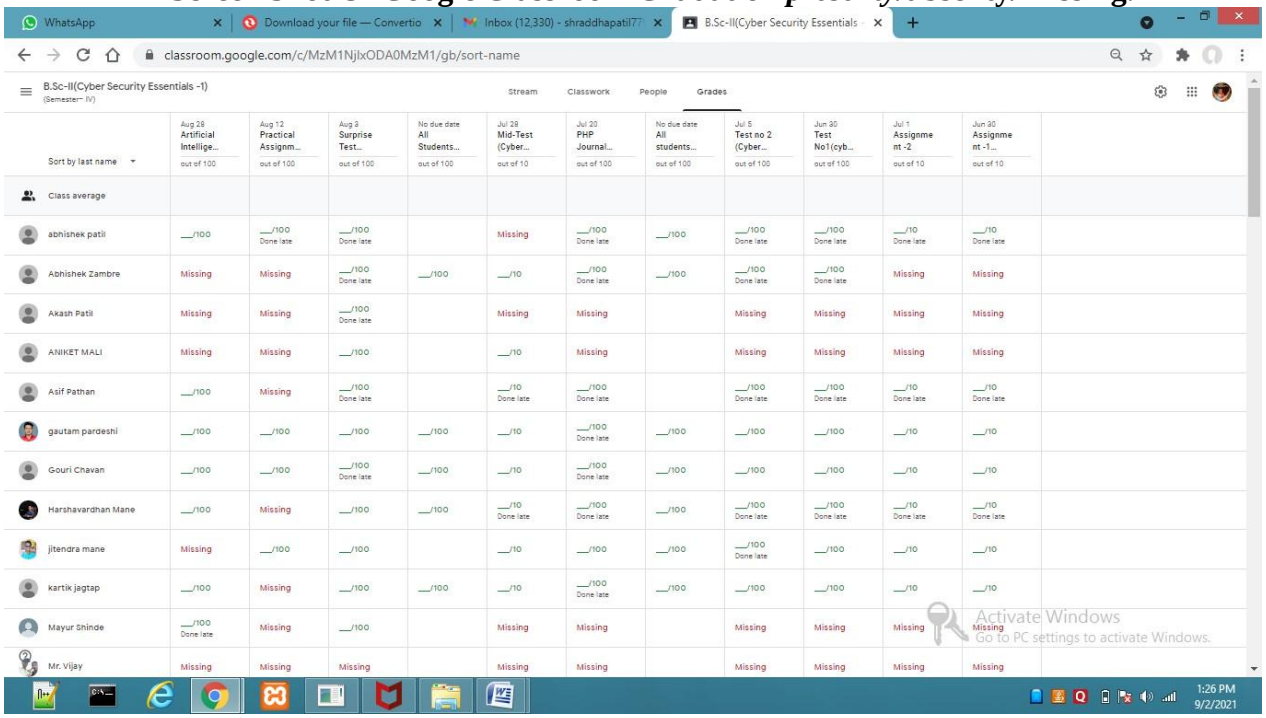
Shri Swami Vivekanand Shikshan Sanstha's
Padmabhushan Dr.Vasantraodada Patil Mahavidyalaya, Tasgaon. Dist-Sangli.
Time-Table Link (Senior Science) 2020-2021
B.Sc. -II(Computer Science)
Lecture Summary
Sub : ARTIFITIAL INTELIGENCE

Sr.No	Day & date Time	Link
1	Thursday, May 6· 2:00 – 3:00pm	meet.google.com/bgd-atvv-evn
2	Friday, May 7· 2:45 – 3:45pm	meet.google.com/okv-yfby-xif
3	Saturday, May 8· 2:40 – 3:40pm	meet.google.com/hki-mijr-urx
4	Friday, May 14· 2:40 – 3:20pm	meet.google.com/bmy-uqaj-ngj
5	Thursday, May 20· 2:00 – 2:40pm	meet.google.com/nze-rkbw-fcf
6	Saturday, May 22· 2:40 – 3:20pm	meet.google.com/dop-ukzh-qjm
7	Thursday, May 27· 1:20 – 2:40pm	meet.google.com/cku-xcue-qfk
8	Saturday, May 29· 7:00 – 8:00am	meet.google.com/vnv-gtkw-mdh
9	Thursday, June 3· 2:00 – 2:45pm	meet.google.com/umq-vcfp-any
10	Friday, June 4· 2:45 – 3:30pm	meet.google.com/kdy-cmko-gge
11	Monday, June 7· 3:40 – 4:20pm	meet.google.com/abr-pcsu-anc
12	Tuesday, June 8· 1:20 – 2:00pm	meet.google.com/exp-xrnx-yth
13	Thursday, June 10· 2:00 – 2:40pm	meet.google.com/xqa-ipkm-hno
14	Friday, June 11· 2:40 – 3:20pm	meet.google.com/hfh-ieqz-rcc
15	Tuesday, June 15· 3:40 – 4:20pm	meet.google.com/tic-eets-vny
16	Thursday, June 17· 2:00 – 2:40pm	meet.google.com/pbx-uwba-ucn
17	Friday, June 18· 2:40 – 3:20pm	meet.google.com/mht-jfez-hqo
18	Tuesday, June 22· 1:00 – 2:00pm	meet.google.com/jkh-djgn-uxy
19	Thursday, June 24· 2:00 – 2:40pm	meet.google.com/odf-rpdr-cbu
20	Friday, June 25· 2:40 – 3:20pm	meet.google.com/qfh-ueoi-gzu
21	Thursday, July 1· 1:00 – 2:00pm	meet.google.com/tgj-patf-kdn
22	Friday, July 2· 2:40 – 3:20pm	meet.google.com/rzo-ixam-uaj
23	Saturday, July 3· 11:00am – 12:00pm	meet.google.com/kdy-zzaf-kcs
24	Saturday, July 3· 1:00 – 2:00pm	meet.google.com/mye-roow-hra
25	Thursday, July 8· 2:00 – 2:40pm	meet.google.com/ibc-jffx-ruy

26	**Saturday, July 10· 11:00am – 12:00pm**	**meet.google.com/nxy-aeqi-onf**
27	**Saturday, July 10· 1:00 – 3:00pm**	**meet.google.com/ruu-sfvw-ndc**
28	**Monday, July 12· 1:00 – 2:00pm**	**meet.google.com/mgn-pyek-nod**
29	**Wednesday, July 14· 1:20 – 2:00pm**	**meet.google.com/zkq-imyj-cpg**
30	**Thursday, July 15· 2:00 – 2:45pm**	**meet.google.com/eci-onrx-sho**
31	**Friday, July 16· 12:30 – 1:30pm**	**meet.google.com/cmn-mtkk-spz**
32	**Saturday, July 17· 10:00 – 11:00am**	**meet.google.com/qcw-sjge-ahu**
33	**Sunday, July 18· 9:30 – 10:30am**	**meet.google.com/wdf-heur-yot**
34	**Thursday, July 22· 2:15 – 2:50pm**	**meet.google.com/ttt-rkyy-kpn**
35	**Friday, July 23· 1:00 – 2:00pm**	**meet.google.com/ucn-anyr-fkb**

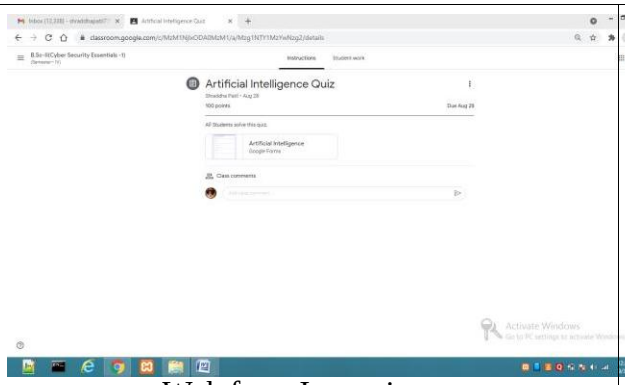
Lecture Attendance
Sub : ARTIFITIAL INTELIGENCE

Screen Shot Of Google Classroom Gradation *presenty*/absenty/Missing.

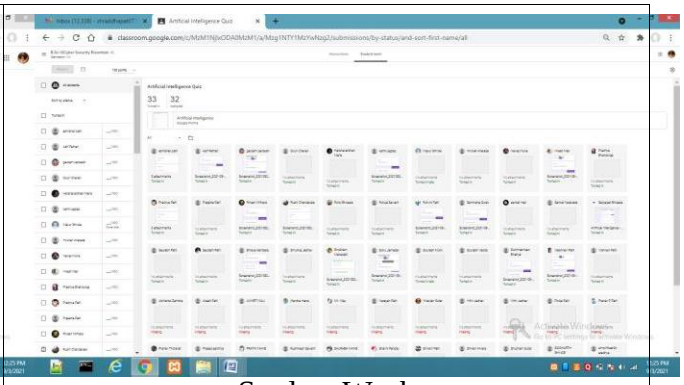


Sub : ARTIFITIAL INTELIGENCE

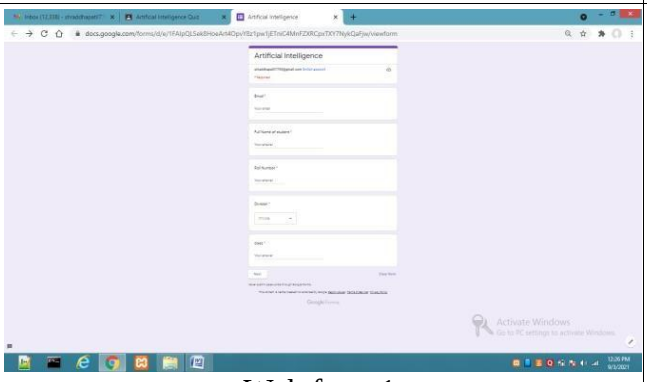
Sr.No	Subject	Date
1	Artificial Intelligence	28/08/2021



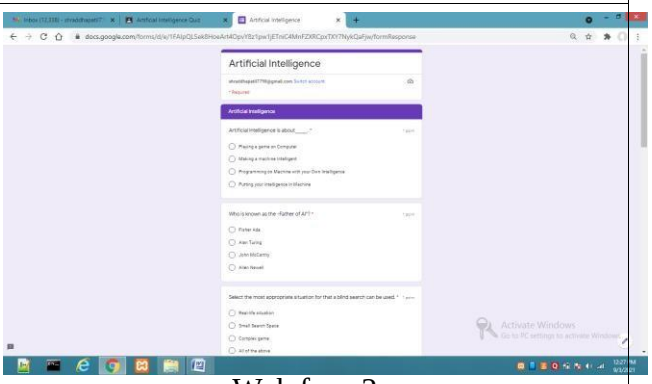
Web form Instuction



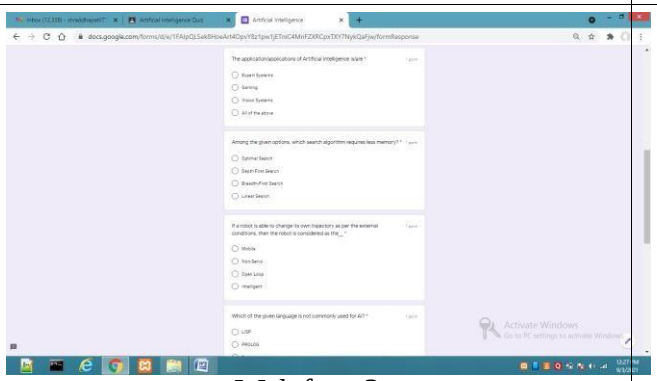
Student Work



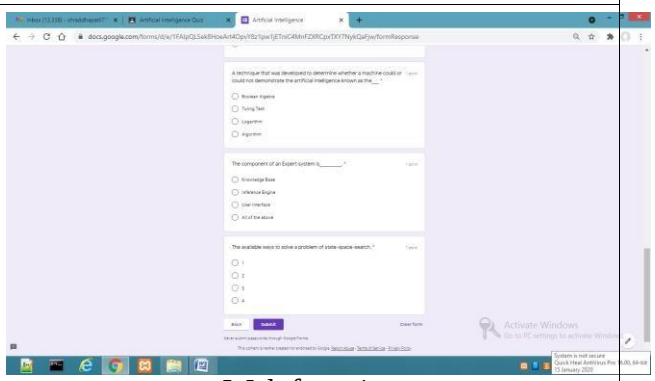
Web form 1



Web form2



Web form3



Web form4

HOD

Head,
Department of Computer Science
Padmabhushan Dr. Vasantraodada Patil
Mahavidyalaya, TASGAON Dist. Sangli

Prin. Dr. Milind S. Hujare
Principal

Padmabhushan Dr. Vasantraodada Patil
Mahavidyalaya, Tasgaon (Sangli).