



Shramajivi Shikshan Prasarak Mandal's

ADARSH MAHAVIDYALAYA, OMERGA

NAAC Reaccredited – 'B' Grade with 2.92 CGPA

ARTS, COMMERCE & SCIENCE

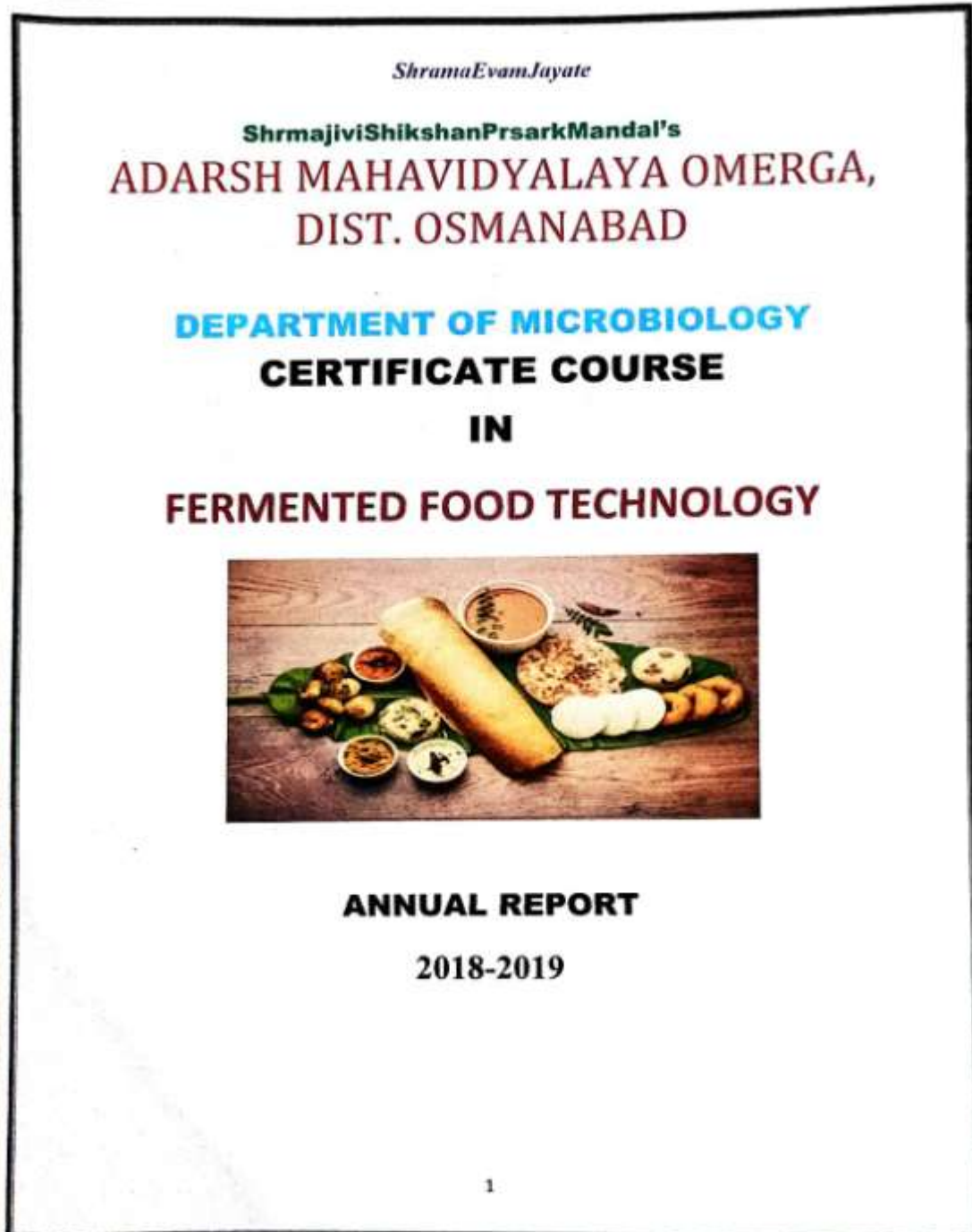
Tq. Omerga, Dist. Osmanabad, Pin- 413606, Ph. 02475-252401 (O), 253405 (R), sspmo01@rediffmail.com

Reg. A.C.C./2022-2023

Date: / /

Dr. Dilip P. Garud
(M. Sc. Ph.D.)
Principal

- 1.2.1: Number of Add on /Certificate/Value added programs offered during the last five years (Specimen)



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1. About the Department:

The department of Microbiology was established in 1990. The department has four faculty members. Prof. Dr. Mali S. B. has been working as the Head of the Department and Dr. Dulange S. M., Dr. Jagtap K. D. and Dr. Ghumbre P. D. have been working as Assistant Professors. All the four faculty of the department are PG recognized teachers. Prof. Dr. Mali S. B. and Dr. Dulange S. M. are working as the research guides as well. The department runs UG, PG and Ph. D. courses.

This department is well equipped with latest instruments like spectrophotometer, UV Visible spectrophotometer, Colorimeter, Autoclave, Hot air oven, Laminar air flow, Incubator shaker, Research Microscopes, High speed centrifuge, Auto-analyzer, pH meter, UV chamber, Gel electrophoresis etc.

Microbiology is a new emerging branch of Biology which has wide range of applications in different fields. There is no field of human endeavor, whether it be in industry or in agriculture or in preparation of food or in connection with problems of shelter or clothing or in the conservation of human and animal health and the combating of diseases, where the microorganisms do not play an important and often a dominant role.

We offer the courses as follow:

2. Aims and Objectives:

- This Certificate course in Food Fermentation Technology will provide theoretical and practical knowledge to students to develop their skills in the fermentation & microbiology sector.
- They will gain a deeper understanding of the microbes, fermentation process, food spoilage, processing and preservation of various kind of food and beverages and their application methods in food processing industry.
- This is undertaken through theoretical knowledge and practical skill as both are essential to master the field of Food and Beverages industry.

3. Course Overview:

The fermentation of various foods and beverages involved the purposeful transformation of raw materials into a consumable product with enhanced nutrition, safety and sensory attributes. Food and beverage fermentation plays a significant role in all culinary traditions and is an important element of modern industrial food production. This course examines the different technical, biochemical and microbial systems involved in various food and beverage fermentations as well as the historical context for each fermentation type. Common biochemical pathways involved in different fermentation systems will be illustrated with special emphasis on those microbial, biochemical and environmental parameters that drive differential production and sensory outcomes. Both indigenous and inoculated fermentations will be discussed including methods for starter culture preparation, protection and use. The course will examine a range fermented products including: yogurt, cheese, sauerkraut, Soy sauce, Bread, Idli,Dosa, Pickles, Meat and Fishfermentations as well as profile key aspects of indigenous fermentations carried out by different cultures around the world.


Dr. MALI S.B.
Professor & Head
Dept. of Microbiology
Adarsh College, Omerga

6. Notices Circulated among the Students:

I. NOTICE FOR REGISTRATION

AdarshMahavidyalaya, Omerga, Dist. Osmanabad

Department of Microbiology

Certificate Course in Food Fermentation Technology

=====
Date: - 01/11/2018

NOTICE

Department of Microbiology has taken initiative and strated one Certificate Course in **Food Fermentation Technology** for the B. Sc. I first year students. The period of the course will be 30 Hrs and it'll be conducted by the faculty of the Department of Microbiology.

Those who are interested in getting registered for the said course can collect the registration from from the Department of Microbiology.

The admission process for the said course will be run on the basis of first come first serve and the intake capacity for the every discipline will be only 30.

Course Duration: 30 Hrs


Head of the Department

Dr. MALI S.B.
Professor & Head
Dept. of Microbiology
Adarsh College, Omerga

4. SYLLABUS

Unit 1- Fermented Foods - Definition, types, advantages and health benefits

Unit 2- Milk Based Fermented Foods - Curd, Yogurt, Buttermilk (Chach) and cheese: Preparation of inoculums, types of microorganisms and production process

Unit 3- Grain Based Fermented Foods - Soy sauce, Bread, Idli and Dosa: Microorganisms and production process

Unit 4- Vegetable Based Fermented Foods - Pickles, Saeurkraut: Microorganisms and production process

Unit 5- Fermented Meat and Fish - Types, microorganisms involved, fermentation process

Unit 6- Probiotic Foods - Definition, types, microorganisms and health benefits

5. Teaching Faculty:

Sr. No	Name of the Faculty	Designation	Qualification
1	Prof. Dr. Mali S. B.	Head	M. Sc, Ph. D.
2	Dr. Dulange S. M.	Assistant Professor	M. Sc, Ph. D.


Dr. MALI S.B.
Professor & Head
Dept. of Microbiology
Adarsh College, Omerga

REGISTRATION FORM

S.S.P.M'S

ADARSH MAHAVIDYALAYA, OMERGA, DIST. OSMANABAD, MS
(APPLICATION/REGISTRATION FORM FOR CERTIFICATE COURSE IN FOOD
FERMENTATION TECHNOLOGY BEING RUN BY THE DEPARTMENT OF
MICROBIOLOGY)



To,

The Principal/HoD,
AdarshMahavidyalaya,Omurga,
Tq. Omurga, Dist. Osmanabad, MS.

Respected Sir,

I am applying for admission as a student for **Certificate Course in FOOD FERMENTATION**
TECHNOLOGY for the Academic Year 2018- 2019 **Class: B.Sc. I**

WhatsApp mob:-.....

I furnish my particulars/ details as below:

Surname	Name	Father's/Husband's Name
.....

Sex: Male/Female:-.....

Category:OPEN/SC/ST/OBC/Minorities:-.....

Address:-.....
.....

I hereby declare that, the information given above is true to the best of my knowledge. I will be responsible for any discrepancy, arising from the given information. I assure that I will strictly follow the rules and regulations prescribed by the college and University. I will attend all activities being organized by the department of English.

Signature of the Student

9. Attendance Details : (2018-19)

Sr. No	Name of Student	15/11	16/11	17/11	22/11	23/11	24/11	30/11	1/12	6/12	7/12	8/12	13/12	14/12	15/12	20/12	21/12	22/12	27/12	28/12	29/12	30/12	4/1/01	5/1/01	10/1/01	11/1/01	12/1/01	17/1/01	18/1/01	19/1/01	20/1/01				
1	Arbale Yash Dilip	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.			
2	Bhosale Geeta Dattatray	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.			
3	Birajdar Monika Dayanand	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.		
4	Birajdar Vaibhav Subhash	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.		
5	Chavan Prajakta Yuvraj	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.		
6	Ghante Archana Mahavir	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	
7	Ghotale Mujib Khajiasab	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	
8	Ingle Akanksha Dhananjay	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	
9	Ingle Nikita Navanath	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	
10	Jadhav Dipali Balaji	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	
11	Kamble Pratibha Kushindar	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.
12	Kazi Ayesha Pashamiya	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.
13	Kshirsagar Pramod Sunil	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.
14	Kulkarni Gargi Suresh	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.
15	Kulkarni Pooja Manik	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.

Dr. MALI S.B.
 Professor & Head
 Dept. of Microbiology
 Adarsh College, Omurga

8. Time table :(2018-19)

Sr. No.	Day	Theory / Practical	Time	Faculty Name	Hall No
1	Monday	Theory	4.30 pm 5.30 pm	Prof. Mali S. B.	21
2	Tuesday	Theory	4.30 pm 5.30 pm	Dr. Dulange S. M.	21
3	Wednesday	Practical	3.30 pm 5.30 pm	Prof. Mali S. B.	21
4	Thursday	Practical	3.30 pm 5.30 pm	Dr. Dulange S. M.	21


Dr. MALI S.B.
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Adarsh College, Omerga

7. List of Admitted Students: 2018-19

Sr. No	Name of Student
1	Arbale Yash Dilip
2	Bhosale Geeta Dattatray
3	Birajdar Monika Dayanand
4	Birajdar Vaibhav Subhash
5	Chavan Prajakta Yuvraj
6	Ghante Archana Mahavir
7	Ghotale Mujib Khajasab
8	Ingle Akanksha Dhananjay
9	Ingle Nikita Navanath
10	Jadhav Dipali Balaji
11	Kamble Pratibha Kushindar
12	Kazi Ayesha Pashamiya
13	Kshirsagar Pramod Sunil
14	Kulkarni Gargi Suresh
15	Kulkarni Pooja Manik
16	Lendale Shivani Ashok
17	Mali Aarpita Aashok
18	Mali Anup Amrut
19	Mali Chaitali Anant
20	Mali Madhav Gangadhar
21	Mulla Alfina Jabbar
22	Mulla Taslim Aayub
23	Pathak Yogeshwari Vyankat
24	Pawar Priti Ramesh
25	Salunke Vasundhara Gunderao
26	Satalage Rukmini Bhimrao
27	Shirgure Kiran Arvind
28	Suryawanshi Kalpshri Ashok
29	Suryawanshi Ganesh Anil
30	Valsange Raj Suresh


Dr. MALI S.B.
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AdarshMahavidyalaya, Omerga, Dist. Osmanabad
Department of Microbiology
Certificate Course in Food Fermentation Technology
Theory Question Paper (2018-19)

Time: - 1.30 hrs.

Marks – 50

- Q. 1. Write on Fermented Foods with respect to - Definition, types, advantages and health benefits. -10 Marks
- Q. 2. Describe Preparation of inoculums, types of microorganisms and production process of Curd and cheese. -10 Marks
- Q. 3. Describe Preparation of inoculums, types of microorganisms and production process of Idli and Dosa. -10 Marks
- Q. 4. Describe Preparation of inoculums, types of microorganisms and production process of Pickles and Saeurkraut. -10 Marks
- Q. 5. Write short notes (any 2) -10 Marks
- a) Fermented Meat and Fish products
 - b) Probiotics
 - c) Bread preparation
 - d) Soy sauce


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AdarshMahavidyalaya, Omerga, Dist. Osmanabad
Department of Microbiology
Certificate Course in Food Fermentation Technology
Practical Question Paper (2018-19)

Time: - 1.30 hrs.

Marks – 50

-
- Q. 1. Prepare curd / cheese and study the cultural, morphological characteristics and Gram nature of bacteria involved in it. 10 Marks
- Q. 2. Prepare Idli / Dosa and study the cultural, morphological characteristics and Gram nature of bacteria involved in it. 10 Marks
- Q. 3. Prepare Pickles / Saeurkraut and study the cultural, morphological characteristics and Gram nature of bacteria involved in it. 10 Marks
- Q. 4. Prepare Bread /Soy sauce and study the cultural, morphological characteristics and Gram nature of bacteria involved in it. 10 Marks
- Q. 5. Viva Voce 05 Marks
- Q. 6. Record Book 05 Marks


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10.Results:

Sr. No	Name of Student	Written (50)	Oral (50)	Total (100)
1	Arbale Yash Dilip	41	40	81
2	Bhosale Geeta Dattatray	39	35	74
3	Birajdar Monika Dayanand	42	40	82
4	Birajdar Vaibhav Subhash	38	37	75
5	Chavan Prajakta Yuvraj	40	41	81
6	Ghante Archana Mahavir	37	35	72
7	Ghotale Mujib Khajasab	40	41	81
8	Ingle Akanksha Dhananjay	38	36	74
9	Ingle Nikita Navanath	37	37	74
10	Jadhav Dipali Balaji	38	35	73
11	Kamble Pratibha Kushindar	37	36	73
12	Kazi Ayesha Pashamiya	36	34	70
13	Kshirsagar Pramod Sunil	42	38	80
14	Kulkarni Gargi Suresh	42	40	82
15	Kulkarni Pooja Manik	40	37	77
16	Lendale Shivani Ashok	35	32	67
17	Mali Aarpita Aashok	36	35	71
18	Mali Anup Amrut	35	33	68
19	Mali Chaitali Anant	35	35	70
20	Mali Madhav Gangadhar	36	31	67
21	Mulla Alfina Jabbar	42	40	82
22	Mulla Taslim Aayub	41	40	81
23	Pathak Yogeshwari Vyankat	42	40	82
24	Pawar Priti Ramesh	36	35	71
25	Salunke Vasundhara Gunderao	37	36	73
26	Satalage Rukmini Bhimrao	36	33	69
27	Shirgure Kiran Arvind	37	32	69
28	Suryawanshi Kalpshri Ashok	36	34	70
29	Suryawanshi Ganesh Anil	41	38	89
30	Valsange Raj Suresh	40	39	89



AdarshMahavidyalaya, Omerga

S.S.P.M's

Tq. Omerga, Dist. Osmanabad, M.S

Arts, Commerce & Science

NAAC Reaccredited with B Grade (2.92 CGPA)

www.adarshcollege.in

Certificate

This is to certify that Mr./Ms. of

AdarshMahavidyalaya, Omerga, Tq. Omerga, Dist. Osmanabad, M.S, has actively participated in

Certificate Course in Food Fermentation Technology organized by the Department of

Microbiology, AdarshMahavidyalaya, Omerga from 15/11/2018 to 20/01/2019.

Certified By:



॥ श्रम एवं जयते ॥

Prof. Dr. Mali S. B.

HOD, Dept. of English

Dr. D. P. Garud

Principal

Dr. Dulange S. M.
Course Coordinator

Dr. MALI S.B.
Professor & Head
Dept. of Microbiology
Adarsh College Omerga

11. Course Outcome :

The department of Microbiology runs the "Certificate Course in Food Fermentation Technology" for undergraduate students of B. Sc. first year. There were 30 students who have completed the course successfully. At the end of the course in Food Fermentation Technology provided theoretical and practical knowledge to students to develop their skills in the fermentation & microbiology sector. They have gained a deeper understanding of the microbes, fermentation process, food spoilage, processing and preservation of various kind of food and beverages and their application methods in food processing industry.



Prof. Mali S. B.

Dr. MALI S.B.
Professor & Head
Dept. of Microbiology
Adarsh College, Omerga



IQAC Co-Ordinator
Adarsh Mahavidyalaya, Omerga
Tq. Omerga Dist. Osmanabad (MS)



PRINCIPAL
Adarsh Mahavidyalaya, Omerga
Tq. Omerga, Dist. Osmanabad (M.S.)

**CERTIFICATE COURSE IN DISEASEMANAGEMENTOF
SOME KHARIP AND RABBI CROPS FROM OMERGA**



2019-2020

SYLLABUS

Objectives To study the nomenclature, classification and characters of fungi

Theory Introduction, definition of different terms, basic concepts. Importance of mycology in agriculture, relation of fungi to human affairs, history of mycology. Concepts of nomenclature and classification, fungal biodiversity, reproduction in fungi. The comparative morphology, ultrastructure, characters of different groups of fungi up to generic level: (a) Myxomycota and (b) Eumycota- i) Mastigomycotina ii) Zygomycotina, iii) Ascomycotina, iv) Basidiomycotina, v) Deuteromycotina. Lichens types and importance, fungal genetics and variability in fungi. Practical Detailed comparative study of different groups of fungi; collection, identification and preservation of specimens. Isolation and identification of plant pathogenic fungi.

Detection and Diagnosis of Plant Diseases

Objective To impart training on various methods/techniques/instruments used in the study of plant diseases/pathogens. Practical Methods to prove Koch's postulates with biotroph and necrotroph pathogens, pure culture techniques, use of selective media to isolate pathogens. Preservation of plant pathogens and disease specimens, use of centrifuge, pH meter, micrometer, haemocytometer, camera lucida. Microscopic techniques and staining methods, phase contrast system, chromatography, use of electron microscope, spectrophotometer, ultracentrifuge and electrophoretic apparatus, disease diagnostics, serological and molecular techniques for detection of plant pathogens. Evaluation of fungicides, bactericides etc.; field experiments, data collection and preparation of manuscripts. Lectures schedule: Practical S. No. Topic No. of l

Principles of Plant Pathology

Objective To introduce the subject of Plant Pathology, its concepts and principles. Theory Importance, definitions and concepts of plant diseases, history and growth of plant pathology, biotic and abiotic causes of plant diseases. Growth, reproduction, survival and dispersal of important plant pathogens, role of environment and host nutrition on disease development. Host parasite interaction, recognition concept and infection, symptomatology, disease development- role of enzymes, toxins, growth regulators; defense strategies oxidative burst; Phenolics, Phytoalexins, PR proteins, Elicitors. Altered plant metabolism as affected by plant pathogens. Genetics of resistance; 'R' genes; mechanism of genetic variation in pathogens; molecular basis for resistance; marker-assisted selection; genetic engineering for disease resistance. Disease management strategies.

Diseases of some Kharip and Rabbi Crops

Knowledge about symptoms, epidemiology of different diseases of some Kharip and Rabbi Crops caused by fungal, bacterial and viral diseases and their management. Some of these Diseases are as follows:

1. Grain smut of Jowar

Adarsh Senior College, Omerga

**CERTIFICATE COURSE IN DISEASEMANAGEMENTOF
SOME KHARIP AND RABBI CROPS FROM OMERGA**

List of the students

Sr. No.	Name of Student
1	HEBLE SWATI SIDRAM
2	HIRWE PRANJALI JAGDISH
3	HULMAJAGE SNEHAL DHANRAJ
4	INDE PRANITA MALLIKARJUN
5	JADHAV POOJA SHIVAJI
6	JADHAV ANANT BALAJI
7	JADHAV SHITAL VISHWANATH
8	JAMADAR ANITA ASHOK
9	JAMADAR KISHOR RAJENDRA
10	JAMADAR SHUBHANGI BALAJI
11	JIRE OM PANDIT
12	KADAM AISHWARYA CHANDRAKNT
13	KAJALE SHUBHANGI SHANKAR
14	KARNURE GOVIND BHRAT
15	KAVATE VISHAL GURUNATH
16	KHARATMOL MANISHA RANOJI
17	KOTE SONALI KASHINATH
18	KUBASE MAYURI CHANABASWESHWAR
19	KULKARNI APEKSHIT MOHANRAO
20	LIMBITOTE AMRUTA SHASHIKANT

॥ Shrama Evam Jayate ॥

ShrmajiviShikshanPrasarak Mandal's

**ADARSH MAHAVIDYALAYA
OMERGA, DIST. OSMANABAD**

**DEPARTMENT OF PHYSICS
CERTIFICATE COURSE**

IN

MAINTENANCE OF HOME APPLIANCES



2017-2018

4. Syllabus of the Course:

Sr. No.	Topic
1	Introduction to Home Appliances
2	Refrigerator
2.1	Introduction
2.2	Construction
2.3	Working
2.4	Common problems and repairing
2.5	Precaution
2.6	Practical
3	Electric Fan
3.1	Introduction
3.2	Construction
3.3	Working
3.4	Common problems and repairing
3.5	Precaution
3.6	Practical
4	Electrical Iron
4.1	Introduction
4.2	Construction
4.3	Working
4.4	Common problems and repairing
4.5	Precaution
4.6	Practical
5	Electrical Mixer and food processor
5.1	Introduction
5.2	Construction
5.3	Working
5.4	Common problems and repairing
5.5	Precaution
5.6	Practical
6	Workshop Visit to service center

5. Teaching Faculty:

Sr. No	Name of the Faculty	Designation	Qualification
1	Pri. Dr.GarudD. P.	Principal &Head	M.Sc., Ph. D.
2	Dr.RamshettiR. S.	Professor	M.Sc., Ph. D.
3	Dr. Dindore U. B.	Professor	M.Sc., M.Phil. Ph. D.
4	Dr. Algude S. G.	Associate Professor	M.Sc., Ph. D.

12.Results:

Sr. No	Name of Student	Written (50)	Practical (50)	Total (100)
1	INGLE NIKHIL DAYANAND	31	39	70
2	JADHAV AMIT BALAJI	42	41	83
3	MANE KRISHNA BABRUVAN	29	42	71
4	PATIL SUNIL NARAYAN	25	46	71
5	PANCHAL DIPALI DHONDIRAM	41	42	83
6	SAGAR PUJA ASHOK	43	43	86
7	JADHAV SONALI VAIJINATH	34	44	78
8	GUNJTOTE ANJALI SANJAY	28	46	74
9	KAMBLE PRIYA SANJAY	26	44	70
10	ATIL MONALI PRATAP	31	42	73
11	ANDUDGE OMKAR SANTOSH	38	45	83
12	BAGWAN NAUSHAD JABBAR	32	46	78
13	KAMBLE PRADIP PRAVIN	27	46	73
14	HANDIGUTTE ROHINI SURESH	24	47	71
15	JADHAV SRIKANT HIRACHAND	41	45	86
16	DHUMAL DNYANESHWAR VILAS	37	46	83
17	DIGOLE VITHABAI DILEEP	29	45	71
18	WAGHMARE SUPRIYA SANJAY	37	43	80
19	AWALE TANUJA WALMIK	29	44	73
20	BHALERAO NITIN RAJENDRA	32	42	74
21	INGLE NIKHIL DAYANAND	41	43	84
22	JADHAV AMIT BALAJI	25	44	69
23	JADHAV LAXMI VITHAL	29	39	68
24	REDDY ASHISH SHIRISH	41	35	76
25	SAGAR NAMRATA BANDU	35	42	77
26	MUTLE MURHARI BALAJI	24	40	64
27	NARSURE ANJALI SHRIDHAR	26	38	64
28	SURYAWANSHI GOVIND YASHVANT	32	45	77
29	FAKIR CHAND AMIR	36	42	78
30	GAIKWAD AMRAPALI SHIRIHARI	45	47	92

13.Specimen Certificate:

14. Course Outcome:

The department of Physics runs the "Certificate Course in Maintenance of Home Appliances" for undergraduate students of first year (B.A., B.Com. and B.Sc.). The course has enabled the students to understand the practical working and in-depth knowledge regarding home appliances. It provides them detail hands on experience on maintenance and safety measure while dealing with the home appliances. The course enables students to repair and troubleshoot the appliance and train them for better job opportunity.

There are 30 students who have completed the course successfully. At the end of the course, the students are able to understand the working of different home appliances and identify the common problem and their repair methods with safety measures. They are able to do repairing and change the necessary part if there is requirement for smooth functioning of the appliances. At the end of the course, the students were evaluated by conducting an exam and were awarded a certificate after successful completion of the course.



Dr. Dindore U. B.



IQAC Co-Ordinator
Adarsh Mahavidyalaya, Omurga
Tq. Omurga Dist. Osmanabad (MS)



PRINCIPAL
Adarsh Mahavidyalaya, Omurga
Tq. Omurga, Dist. Osmanabad (M.S.)

॥ Shrama Evam Jayate ॥
Shrmajivi Shikshan Prsark Mandal's

**ADARSH MAHAVIDYALAYA
OMERGA, DIST. OSMANABAD**

**DEPARTMENT OF ENGLISH
CERTIFICATE COURSE
IN**

**COMMUNICATION
SKILLS**

ANNUAL REPORT

2020-2021

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- To impart better writing skills by sensitizing the learners to the dynamics of effective writing.
- To build up the learners confidence in oral and interpersonal communication by reinforcing the basics of pronunciation specially focusing on interviews / corporate meetings / international business travels.
- Enabling the learner to achieve adequate linguistic skills to help him compete in different tests of English.

3. Course Overview:

Effective communication skills are essential to the successful operation of any organization and its individuals. The Certificate in Effective Communication is designed for those interested in developing skills to communicate messages efficiently both in writing and orally, present themselves professionally and communicate confidently in any situation.

The ability to communicate effectively and present ideas clearly is perhaps the most important skill you need to have in order to be successful in any career. Good communication skills are keys in many situations and play quite vital role in today's postmodern era. The Effective Communication Skills Certificate Program is designed to help the students to be a better, more effective communicator and presenter. This course's duration has 30 Hrs and the students will be admitted on the basis of first come first serve and 90 students will be admitted for the course from all the three disciplines, Arts, Commerce and Science.

1. About the Department:

The department of English was established in 1990. The department has three faculty members. Dr. Pawar T. M. has been working as the Head of the Department and Dr. Mothe P. S. and Dr. Mathpati S. P. have been working as Associate Professor. All the three faculty of the department are PG recognized teachers and working as the research guides as well. The department has the language lab with upgraded software. English is one of the most important languages in the world. It can even be said that the single most important language. It is important because it is, may be, the only language that truly links the whole world together. If not for English, the whole world may not be as united as it is today. Hence, we have been trying our level best to give quality education from the date of the establishment of the department. Most of the students in our college are from rural and farming background, so, when they join our college they do not have any touch the globalization, English language and current updates of the knowledge from various fields. We just try to make them familiar with this international language and remove the fear of this language from their mind. We offer the courses as follow:

2. Aims and Objectives:

- To enhance the students' communication skills by giving adequate exposure in LSRW; listening, speaking, reading and writing skills and the related sub-skills.
- To help the learners recognize and operate in various styles and registers in English.
- To help the learner get rid of his present flaws and mistakes in pronunciation and grammar.
- To help the learner identify and repair the voids in his present vocabulary and pronunciation targeting those specific ~~area~~ of words which create a barrier in his thought process.

4. Session-Wise Syllabus:

Sr. No.	Topic
1	Purpose and Nature of Course, Introducing Yourself
2	Importance of Body Language in Communication, Use of Dictionary, Vocabulary building
3	Introduce Yourself following Instructions
4	Introducing your Friend
5	Speak about your Family
6	Greetings and Good Manners
7	Sounds in English, LSRW
8	Interrogatives / Framing Questions
9	Parts of Speech – All 8 in brief
10	Pronouns. Activity – Use of Be, Have and Do
11	Activity – Use of 'was' and 'were' – Affirmative, Negative and Questions
12	There is, There are. Activity – Describe your Living Room
13	Use of Have, Has, Had – Affirmative, Negative and Questions
14	Use of Do, Does, Did – Affirmative, Negative and Questions
15	This is, That is, These are, Those are
16	Telling the Time / Time Reading
17	Modal Auxiliaries – Can, Could, Will, Would, Shall, Should
18	Modal Auxiliaries – May, Might, Must, Need, Dare, Ought
19	Use of Simple Present Tense – Describe your Day
20	Use of Simple Present Tense – Describe your Friend's Day
21	Use of Simple Present Tense. Activity of 3. Framing 'Wh' and 'Yes-No' Questions
22	Use of Simple Present Tense. Activity of 2. Question and Answer. Describe your Day
23	Use of Simple Past Tense – Describe your yesterday
24	Use of Simple Future Tense – What will you do tomorrow?
25	Present Continuous, Past Continuous and Future Continuous, Present Perfect, Past Perfect and Future Perfect
26	Voice of Tenses. Voice of Modals
27	Articles
28	Role Play
29	Group Discussion
30	How to take an interview
31	Language Lab Activities

6. Specimen Notices Circulated among the Students:

NOTICE FOR REGISTRATION
(Certificate Course in Communication Skills)

03/08/2020

All the students of B.A.F.Y., B.Sc.F.Y., and B.Com.F.Y., are informed that the Department of English has taken initiative and strated one Certificate Course in Communication Skills for the first year students. The period of the course will be 30 Hrs and it'll be conducted by the faculty of the Department of English.

Those who are interested in getting registered for the said course can collect the registration from from the Department of English from 3rd August 2020 and submit the same on or before 14th August 2020 at the Department of English and the lectures will begin from 17th August 2020. The admission process for the said course will be run on the basis of first come first serve and the intake capacity for the every discipline will be only 30. The students will be admitted on the basis of first come first serve.

Course Duration: 30 Hrs



Dr. Pawar T. M.
Research Guide & Head
Dept. of English
Adarsh Mahavidyalaya, Omro
Dist. Gandhinagar

5. Teaching Faculty:

Sr. No	Name of the Faculty	Designation	Qualification
1	Dr. Pawar T. M.	Head	M.A., Ph. D.
2	Dr. Mothe P. S.	Assistant Professor	M.A., M.Phil. NET. Ph. D.
3	Dr. Mathpati S. P.	Assistant Professor	M.A., M.Phil. NET. Ph. D.

7. REGISTRATION FORM (Specimen):

S.S.P.M.'S

ADARSH MAHAVIDYALAYA, OMERGA, DIST. OSMANABAD, MS
(APPLICATION/REGISTRATION FORM FOR CERTIFICATE COURSE IN
COMMUNICATION SKILLS BEING RUN BY THE DEPARTMENT OF ENGLISH)

To,

The Principal/HoD,
Adarsh Mahavidyalaya, Omerga,
Tq. Omerga, Dist. Osmanabad, MS.



Respected Sir,

I am applying for admission as a student for Certificate Course in Communicative Skills for the Academic Year 2020-2021. Class: Roll No.: WhatsApp:
E-mail:

I furnish my particulars/ details as below:

Surname	Name	Father's/Husband's Name
.....

Sex: Male/Female: Nationality: Date of Birth:/...../.....

Category: OPEN/SC/ST/OBC (Non-Creamy-Layer) / Minorities :

Address:
.....
.....

Last Year Examination: Obtained Marks: Out of: Per.(%):

I hereby declare that, the information given above is true to the best of my knowledge. I will be responsible for any discrepancy, arising from the given information. I assure that I will strictly follow the rules and regulations prescribed by the college and University. I will attend all activities (Seminar, Conference, Workshop, Guest Lectures, Symposium, etc) being organised by the department of English.

Signature of the Student

Sr. No	Name of Student	Class	Gender	Contact
41	DADGE KRISHNA KAMALAKAR	BSCFY	Male	8805184529
42	DATE VENKATESH LALASAHEB	BSCFY	Male	9823529133
43	ERANDE SAGAR BANDU	BSCFY	Male	9422079562
44	ERANDE SAGAR BANDU	BSCFY	Male	9422079562
45	FARIDABADKAR RAVIKIRAN PRABHAKAR	BSCFY	Male	9730028310
46	HULMAJAGE KALPAK DHANRAJ	BSCFY	Male	9860055657
47	IIAHI SADIK MULLA	BSCFY	Male	9359504036
48	JADHAV SUSHANT SATISH	BSCFY	Male	9579882150
49	JAGDALE AKASH BALAJI	BSCFY	Male	8767034980
50	JAMAGE RUTIK YASHWANT	BSCFY	Male	9370648574
51	JAMBHALE VARSHA SHANKAR	BSCFY	Female	9763342420
52	KAMBLE SUDHAKAR ARJUN	BSCFY	Male	8999882022
53	KARALE SHIVRAJ ASHOK	BSCFY	Male	8880803532
54	LONDHE SWAPNIL LAXMAN	BSCFY	Male	8805063624
55	MADBONE JIJABAI MOHAN	BSCFY	Female	9763156970
56	PATIL VIVEKANAND SHIVANAND	BSCFY	Male	9356887054
57	PATNE ROHAN IRANNA	BSCFY	Male	8956025518
58	QURESHI FAUZIYA ZAVEEN IQBAL	BSCFY	Female	8856927361
59	RAJPUT VAISHALI MADANSING	BSCFY	Female	9003181567
60	TUDUM AMIT MANOJ	BSCFY	Male	7066406598
61	AGAMBARE SUREKHA GAJENDRA	BCOMFY	Female	9021964220
62	AUTI IRFAN ISAQ	BCOMFY	Male	7028865170
63	AWALE MAHESH VALMIK	BCOMFY	Male	7620003295
64	BANDICHHODE SHIVARAJ BIRANNA	BCOMFY	Male	7709463938
65	BANSODE LAXMAN RANGRAO	BCOMFY	Male	9370080024
66	BHALERAO DIKSHA SHYAM	BCOMFY	Female	7218368439
67	DEVKATE SIDRAM DNYANESHWAR	BCOMFY	Male	9579172697
68	DHAVILE SAROJA ASHOK	BCOMFY	Female	7507541437
69	GAIKWAD ANJALI APPARAO	BCOMFY	Female	8805935362
70	GAIKWAD BABASAHEB SAMBHAJI	BCOMFY	Male	7517571049
71	GHATE KISHOR DHANRAJ	BCOMFY	Male	9921470261
72	GHODAKE GOPAL RAJU	BCOMFY	Male	7507068614
73	HIREMATH SHIVAGANESH	BCOMFY	Male	8275474744
74	INAMDAR IFAT RAJESAB	BCOMFY	Female	9011743388
75	ITKAR SACHIN SURESH	BCOMFY	Male	7066912613
76	JADHAV ABHISHEK VIJAY	BCOMFY	Male	9284758585
77	JADHAV JAGDISH GOVIND	BCOMFY	Male	8263955430
78	JADHAV KRISHNA PRAKASH	BCOMFY	Male	9112998387
79	KALE SHILPA SHANKAR	BCOMFY	Female	9552457354
80	KAMBALE HARSHAD MACHCHINDRA	BCOMFY	Male	9529509010
81	KAMBLE DIPALI GUNDERAO	BCOMFY	Female	9021659424

8. List of Admitted Students: 2020-21

Sr. No	Name of Student	Class	Gender	Contact
1	AUSEKAR AKASH GURAPPA	BAFY	Male	7038935093
2	BANSODE ARATI DILIP	BAFY	Female	9096386070
3	BANSODE ARATI DILIP	BAFY	Female	9096386070
4	CHATURBHUI GOPAL DATTATRAY	BAFY	Male	9970166513
5	DALAL PRASHANT NIVRATI	BAFY	Male	7822050315
6	DALAL PRASHANT NIVRATI	BAFY	Male	7822050315
7	FULARI SIMARAN YUSUF	BAFY	Female	9860635215
8	GAIKWAD AJIT FULCHAND	BAFY	Male	9021693383
9	GHOTALE SHUBHAM ANNARAO	BAFY	Male	7083783069
10	GUPTA SUMITKUMAR ANILKUMAR	BAFY	Male	8104717293
11	INAMDAR USMAN RAJAN	BAFY	Male	7447231107
12	JADHAV ROHIT JEJERAO	BAFY	Male	9834492218
13	JADHAV ROHIT JEJERAO	BAFY	Male	9834492218
14	KALMALE PRIYANKA PANDIT	BAFY	Female	9284596811
15	KALSHETTI BHAGYASHRI MANJUNATH	BAFY	Female	8805070420
16	KAMBLE VISHWAJEET GULAB	BAFY	Male	9881512764
17	KAMBLE VISHWAJEET GULAB	BAFY	Male	9881512764
18	KAVATHE SAVITRA SANJAY	BAFY	Female	8698259638
19	MAREKAR VISHNU GOVIND	BAFY	Male	9130745088
20	MATOLE TOFIK MANJUR	BAFY	Male	9922978732
21	MATOLE TOFIK MANJUR	BAFY	Male	9922978732
22	PANCHANGE RANJIT RAM	BAFY	Male	8766773312
23	PATEL ISMAIL MAHAMED	BAFY	Male	9823332354
24	RATHODE MAHESH RAJPAL	BAFY	Male	9022460520
25	SALUNKE CHANDRAKANT KASHINATH	BAFY	Male	8080171080
26	SARPE SAKSHI SHIVAJI	BAFY	Female	7058126519
27	SAYYAD RIYAJ YUSUF	BAFY	Male	8482849558
28	SWAMI SHIVKUMAR VIJAY	BAFY	Male	9623226949
29	SWAMI SHIVKUMAR VIJAY	BAFY	Male	9623226949
30	TALIKHEDE SHROTI DNYANESHWAR	BAFY	Female	8767413175
31	ANTAREDDI RAJKUMARI SHANKAR	BSCFY	Female	7666186600
32	AUCHARE SHRIRAM ARVIND	BSCFY	Male	9307336464
33	BAGWAN SIMRAN IQBAL	BSCFY	Female	8856934291
34	BANDE AISHWARYA DNYANESHWAR	BSCFY	Male	7517762033
35	BANSODE SANDHYA GYANOBA	BSCFY	Female	8329441238
36	BHALERAO KAJAL HANMANT	BSCFY	Female	9075309866
37	BIRAJDAR VISHAL SHIVMURTI	BSCFY	Male	9579547671
38	BISWAS ABHISHEK MRINAL	BSCFY	Male	7875118265
39	CHUNGE ROHIT RAJENDRA	BSCFY	Male	7058677970
40	DADGE KRISHNA KAMALAKAR	BSCFY	Male	8805184529

Sr. No	Name of Student	Class	Gender	Contact
82	LOHAR SUJIT SANJAY	BCOMFY	Male	9763646817
83	MANDLE AKSHAY SUDHAKAR	BCOMFY	Male	8766836347
84	PATANGE NILESH BALU	BCOMFY	Male	9767660863
85	PATEL AHAMAD MAHEBUB	BCOMFY	Male	7219063387
86	SHAIKH AJHAR AFSAR	BCOMFY	Male	9168715104
87	TODKAR SHIVAM SANJAY	BCOMFY	Male	7517014793
88	TARMUDE MAHESH BALBHIM	BCOMFY	Male	6361583130
89	VYANKAT SHIVAJI MUKADE	BCOMFY	Male	9366796106
90	WAKDE YOGESH KISHOR	BCOMFY	Male	9307472510


Research Guide & Head
Dept. of English
Adarsh Mahavidyalaya, Ornerga
Dist. Osmanabad

9. Time table : (2020-21)

Sr. No.	Day	Time	Faculty Name	Hall No
1	Monday	4 pm to 5 pm	Dr. Pawar T.M	Auditorium / Hall. No 34
2	Tuesday	4 pm to 5 pm	Dr. Pawar T.M	Auditorium / Hall. No 34
3	Wednesday	4 pm to 5 pm	Dr. Mothe P. S.	Auditorium / Hall. No 34
4	Thursday	4 pm to 5 pm	Dr. Mothe P. S.	Auditorium / Hall. No 34
5	Friday	4 pm to 5 pm	Dr. Mathpati S. P.	Auditorium / Hall. No 34
6	Saturday	4 pm to 5 pm	Dr. Mathpati S. P.	Auditorium / Hall. No 34

11. : Specimen Question Paper: (2020-21)

S.S.P.M'S
ADARSH MAHAVIDYALAYA, OMERGA, DIST.
OSMANABAD, MS
(APPLICATION/REGISTRATION FORM FOR CERTIFICATE COURSE IN
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ENGLISH)



- All questions are compulsory

- Each question carries two marks

- Tick Mark as ✓ at the right answer

- Time: 1:30 Hrs

- Q.1. You meet with someone at 07:00 pm. What would you say?
A. Good Morning, Sir B. Good Afternoon, Sir C. Good Evening, Sir D. Good Evening, Dear
- Q.2. A _____ speaker looks into the eyes of the audience.
A. Confident B. Impatient C. Rude D. Impolite
- Q.3. Which of the following may convey arrogance?
A. Jointed Finger Tips B. A Shoulder Shrug C. A Pointed Finger D. Hands Swinging Loosely
- Q.4. A pointed finger may be a gesture of accusation.
A. True B. False C. Certainly True D. Certainly False
- Q.5. The correct pronunciation of 'air' is _____.
A. /eið:/ B. /eɪ/ C. /eið/ D. /eɪ/
- Q.6. The correct pronunciation of 'baby' is _____.
A. /bebi/ B. /beibi/ C. beibi: D. bebi
- Q.7. What is interrogative sentence?
A. A Command B. A question C. A Statement D. A Demand
- Q.8. I bought a **beautiful** dress at the mall. Beautiful is _____.
A. Article B. Preposition C. Adjective D. Noun
- Q.9. Raj knocked on the door **but** nobody answered. But is _____.
A. Conjunction B. Preposition C. Adjective D. Adverb
- Q.10. The plural form of person pronoun (my) is _____.
A. We B. Me C. Our D. Us
- Q.11. My friend asked my brother and _____ to dinner.
A. Mine B. My C. Me D. Our
- Q.12. Whoever, Whose and Whosever etc. are called _____ pronoun.
A. Interrogative B. Compound Relative C. Relative D. Distributive
- Q.13. My uncle, _____ is a doctor, is forty year old.
A. Whom B. Whose C. Who D. Which
- Q.14. _____ he does, he does well.
A. Whoever B. Whichever C. Whatever D. Soever
- Q.15. I think I _____ have failed the test, but I'm not sure.
A. Ought to B. Might C. Shall D. Will
- Q.16. We have to rush. We _____ miss the last bus home.

B. Needn't B. Couldn't C. Mustn't D. Wouldn't

Q.17. If there is an age restriction then you _____ go in as you are too young.

B. Should B. Shouldn't C. Couldn't D. Shall Not

Q.18. _____ we leave now or do you want to wait ?

B. Will B. Mightn't C. Shall D. Does

Q.19. I _____ working all afternoon and have just finished the assignment.

B. Have been B. had been C. Shall be D. am

Q.20. By the next month, we shall _____ the project.

B. Has completed B. Completing C. Completed D. Have completed

Q.21. Rohan _____ the movie before he read the review.

A. Watches B. Have watched C. Had watched D. Was watching

Q.22. The boy laughed at the beggar (Change the voice).

A. The beggar was laughed by the boy B. The beggar was being laughed by the boy

C. The beggar was being laughed at by the boy D. The beggar was laughed at by the boy

Q.23. The boys were playing cricket (Change the voice).

A. Cricket had been played by the boys B. Cricket has been played by the boys

C. Cricket was played by the boys D. Cricket was being played by the boys

Q.24. ___ Sun shines brightly.

A. The B. a C. an D. No Article

Q.25. _____ book you want is out of print.

A. A B. An C. The D. No Article

12. Assessment Procedure:

➤ Total Marks=100

1. Written Assessment – 50 Marks 23/09/2020

- MCQs (25 x 2 = 50 Marks)

2. Oral Assessment – 50 Marks 25/09/2020 & 26/09/2020

Students are given real life situations and are evaluated on following parameters

- Content – 10 marks
- Language – 10 marks
- Stage Courage – 10 marks
- Body Language – 10 marks
- Presentation Skills – 10 marks

Evaluation	Total Marks	Passing Marks
Written Assessment	50Marks	20
Oral Assessment	50Marks	20



Dr. Mathpati S. P.
Course Coordinator

Dr. Mothe P. S.
Coordinator

Dr. Pawar T. M.
Research Guide & Head
Dept. of English
Adarsh Mahavidyalaya, Omurga
Dist. Osmanabad

IQAC Co-Ordinator
Adarsh Mahavidyalaya, Omurga
Tq. Omurga Dist. Osmanabad (MS)

PRINCIPAL
Adarsh Mahavidyalaya, Omurga
Tq. Omurga, Dist. Osmanabad (M.S.)

13. Results:

Sr. No	Name of Student	Written (50)	Oral (50)	Total (100)
1	AUSEKAR AKASH GURAPPA	30	30	60
2	BANSODE ARATI DILIP	36	24	60
3	BANSODE ARATI DILIP	28	20	48
4	CHATURBHUIJ GOPAL DATTATRAY	28	22	50
5	DALAL PRASHANT NIVRATI	22	20	42
6	DALAL PRASHANT NIVRATI	24	22	46
7	FULARI SIMARAN YUSUF	24	24	48
8	GAIKWAD AJIT FULCHAND	26	24	50
9	GHOTALE SHUBHAM ANNARAO	24	24	48
10	GUPTA SUMITKUMAR ANILKUMAR	24	24	48
11	INAMDAR USMAN RAJAN	22	20	42
12	JADHAV ROHIT JEJERAO	20	22	42
13	JADHAV ROHIT JEJERAO	24	22	46
14	KALMALE PRIYANKA PANDIT	26	26	52
15	KALSHETTI BHAGYASHRI MANJUNATH	30	20	50
16	KAMBLE VISHWAJEET GULAB	30	22	52
17	KAMBLE VISHWAJEET GULAB	28	22	50
18	KAVATHE SAVITRA SANJAY	26	20	46
19	MAREKAR VISHNU GOVIND	28	20	48
20	MATOLE TOFIK MANJUR	30	20	50
21	MATOLE TOFIK MANJUR	22	20	42
22	PANCHANGE RANJIT RAM	22	20	42
23	PATEL ISMAIL MAHAMED	28	22	50
24	RATHODE MAHESH RAJPAL	26	22	48
25	SALUNKE CHANDRAKANT KASHINATH	24	20	44
26	SARPE SAKSHI SHIVAJI	22	22	44
27	SAYYAD RIYAJ YUSUF	28	20	48
28	SWAMI SHIVKUMAR VIJAY	28	28	56
29	SWAMI SHIVKUMAR VIJAY	20	20	40
30	TALIKHEDE SHROTI DNYANESHWAR	22	22	44
31	ANTAREDDI RAJKUMARI SHANKAR	24	24	48
32	AUCHARE SHRIRAM ARVIND	28	22	50
33	BAGWAN SIMRAN IQBAL	24	28	50
34	BANDE AISHWARYA DNYANESHWAR	28	26	54
35	BANSODE SANDHYA GYANOBA	22	20	42
36	BHALERAO KAJAL HANMANT	24	22	46
37	BIRAJDAR VISHAL SHIVMURTI	26	22	48
38	BISWAS ABHISHEK MRINAL	26	22	48
39	CHUNGE ROHIT RAJENDRA	22	20	42
40	DADGE KRISHNA KAMALAKAR	28	24	52

41	DADGE KRISHNA KAMALAKAR	20	20	40
42	DATE VENKATESH LALASAHEB	22	20	42
43	ERANDE SAGAR BANDU	28	22	50
44	ERANDE SAGAR BANDU	22	22	44
45	FARIDABADKAR RAVIKIRAN P.	24	24	48
46	HULMAJAGE KALPAK DHANRAJ	22	20	42
47	IIAHI SADIK MULLA	20	20	40
48	JADHAV SUSHANT SATISH	24	24	48
49	JAGDALE AKASH BALAJI	26	20	46
50	JAMAGE RUTIK YASHWANT	28	20	48
51	JAMBHALE VARSHA SHANKAR	20	22	42
52	KAMBLE SUDHAKAR ARJUN	28	22	50
53	KARALE SHIVRAJ ASHOK	20	22	42
54	LONDHE SWAPNIL LAXMAN	24	22	46
55	MADBONE JIJABAI MOHAN	22	22	44
56	PATIL VIVEKANAND SHIVANAND	26	26	52
57	PATNE ROHAN IRANNA	28	20	48
58	QURESHI FAUZIYA ZAVEEN IQBAL	28	22	50
59	RAJPUT VAISHALI MADANSING	24	24	48
60	TUDUM AMIT MANOJ	22	22	44
61	AGAMBARE SUREKHA GAJENDRA	24	20	44
62	AUTI IRFAN ISAQ	24	22	46
63	AWALE MAHESH VALMIK	26	26	52
64	BANDICHHODE SHIVARAJ BIRANNA	28	28	56
65	BANSODE LAXMAN RANGRAO	24	22	46
66	BHALERAO DIKSHA SHYAM	22	20	42
67	DEVKATE SIDRAM DNYANESHWAR	24	20	44
68	DHAVILE SAROJA ASHOK	20	22	42
69	GAIKWAD ANJALI APPARAO	28	22	50
70	GAIKWAD BABASAHEB SAMBHAJI	30	26	56
71	GHATE KISHOR DHANRAJ	24	20	44
72	GHODAKE GOPAL RAJU	30	30	60
73	HIREMATH SHIVAGANESH	32	30	62
74	INAMDAR IFAT RAJESAB	28	22	50
75	ITKAR SACHIN SURESH	38	24	62
76	JADHAV ABHISHEK VIJAY	32	30	62
77	JADHAV JAGDISH GOVIND	30	22	52
78	JADHAV KRISHNA PRAKASH	26	24	50
79	KALE SHILPA SHANKAR	30	30	60
80	KAMBALE HARSHAD MACHCHINDRA	22	20	42
81	KAMBLE DIPALI GUNDERAO	28	28	56
82	LOHAR SUJIT SANJAY	36	30	66

83	MANDLE AKSHAY SUDHAKAR	26	26	52
84	PATANGE NILESH BALU	30	30	60
85	PATEL AHAMAD MAHEBUB	32	30	62
86	SHAIKH AJHAR AFSAR	30	26	56
87	TODKAR SHIVAM SANJAY	32	30	62
88	TARMUDE MAHESH BALBHIM	36	30	66
89	VYANKAT SHIVAJI MUKADE	30	24	54
90	WAKDE YOGESH KISHOR	30	30	60

14.Specimen Certificate:



Adarsh Mahavidyalaya, Omerga

S.S.P.M's

Tq. Omerga, Dist. Osmanabad, M.S

Arts, Commerce & Science

NMAC Reaccredited with B Grade (2.92 CGPA)

www.adarshcollege.in



Certificate

This is to certify that Mr./Ms. of

Adarsh Mahavidyalaya, Omerga, Tq. Omerga, Dist. Osmanabad, MS, has actively

participated in Certificate Course in Communication Skills organized by the Department of

English, Adarsh Mahavidyalaya, Omerga from 17/08/2020 to 21/09/2020

Certified By:



Dr. Mathpati S P
Course Coordinator

Dr. Mothe P. S.
Coordinator

Dr. Pawar T. M.
HOD, Dept. of English

Dr. D. P. Garud
Principal

15. Course Outcome :

The department of English runs the "Certificate Course in Communication Skills" for undergraduate students of first year (B.A., B.Com. and B.Sc.). The course has enabled the students to use the language correctly and form the grammatically correct sentences. It provides them the necessary tools for writing correct English. The course enables students to participate in various activities which demand writing.

There are 90 students who have completed the course successfully. At the end of the course, the students are able to construct correct sentences in their writing. They are able to organize ideas to develop coherent paragraphs. They could write various types of short texts, paragraphs and essays and use grammar and tenses correctly while writing answers in exam and in other situations which demand writing. At the end of the course, the students were evaluated by conducting an exam and were awarded a certificate after successful completion of the course.



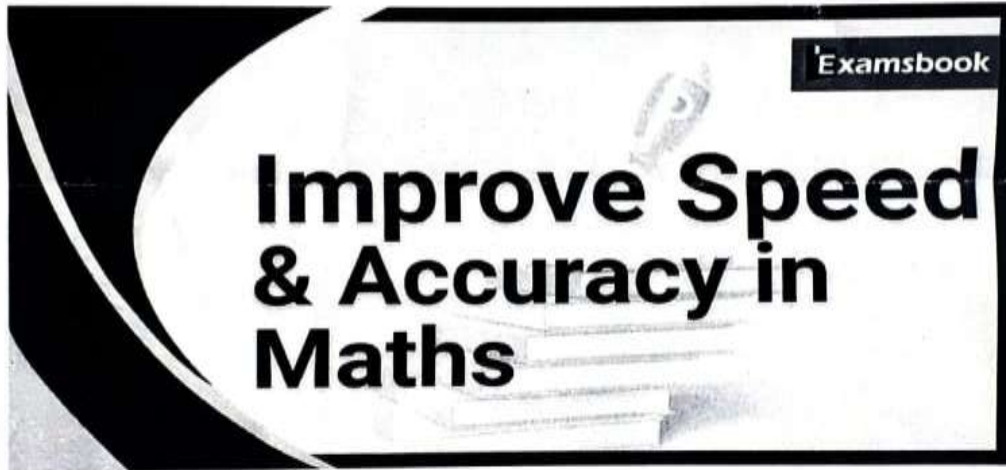
IQAC Co-Ordinator
Adarsh Mahavidyalaya, Omerga
Tq. Omerga Dist. Osmanabad (MS)



PRINCIPAL
Adarsh Mahavidyalaya, Omerga
Tq. Omerga, Dist. Osmanabad (M.S.)

Shrama Evam Jayate II
Shrmajivi Shikshan Prsark Mandal's
**ADARSH MAHAVIDYALAYA
OMERGA, DIST. OSMANABAD**

**DEPARTMENT OF MATHEMATICS
CERTIFICATE COURSE
IN**



ANNUAL REPORT
2019-2020



S. Patel.

IQAC Co-Ordinator
Adarsh Mahavidyalaya, Omerga
Tq. Omerga Dist. Osmanabad (MS)

CCV

PRINCIPAL
Adarsh Mahavidyalaya, Omerga
Tq. Omerga, Dist. Osmanabad (M.S.)

Index

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1.	About the Department
2.	Aims and Objectives of the Course
3.	Syllabus of the Course
4.	Teaching Faculty
5.	Specimen Notices Circulated among the Students
6.	Specimen of the Registration Form
7.	List of the Students
8.	Time Table
9.	Attendance Details
10.	Question Paper
11.	Results
12.	Specimen of the Certificate
13.	Course Outcome

1. About the Department:

The department of Mathematics was established in 1990. The department has two faculty members. Prof. Reddy S.G. has been working as the Head of the Department and Prof. Kulkarni S. S. have been working as Associate Professor. All the two faculty of the department are PG recognized teachers. The department has upgraded software. Mathematics is one of the most important in the world. It is important because it is, may be, the only that truly links the whole world together. If not for Mathematics, the whole world may not be as united as it is today. Hence, we have been trying our level best to give quality education from the date of the establishment of the department. Most of the students in our college are from rural and farming background, so, when they join our college they do not have any touch the globalization, Mathematics and current updates of the knowledge from various fields. We just try to make them familiar with this international Mathematics and remove the fear of this Mathematics from their mind. We offer the courses as follow:

2. Specimen Notices Circulated among the Students:

NOTICE FOR REGISTRATION

(Certificate Course in The department of Mathematics was established in 1990. The department has two faculty members. Prof. Reddy S.G. has been working as the Head of the Department and Prof. Kulkarni S. S. have been working as Associate Professor. All the two faculty of the department are PG recognized teachers. The department has upgraded software. Mathematics is one of the most important in the world. It is important because it is, may be, the only that truly links the whole world together. If not for Mathematics, the whole world may not be as united as it is today. Hence, we have been trying our level best to give quality education from the date of the establishment of the department. Most of the students in our college are from rural and farming background, so, when they join our college they do not have any touch the globalization, Mathematics and current updates of the knowledge from various fields. We just try to make them familiar with this international Mathematics and remove the fear of this Mathematics from their mind. We offer the courses as follow:

SUREZ
Head Dept. of Maths
Adarsh College,
Omerga.

S. J. A.



CC

IQAC Co-Ordinator
Adarsh Mahavidyalaya, Omerga
Tq. Omerga Dist. Osmanabad (MS)

PRINCIPAL
Adarsh Mahavidyalaya, Omerga
Tq. Omerga, Dist. Osmanabad (M.S.)



S.S.P.M.'S

ADARSH MAHAVIDYALA, OMERGA

TAL. OMERGA, DIST. OSMANABAD-413606 (MS)

**SYLLABUS OF
CERTIFICATE COURSE IN SPEEDY MATHEMATICS**



S. J. Patil

IQAC Co-Ordinator
Adarsh Mahavidyalaya, Omurga
Tq. Omurga Dist. Osmanabad (MS)

CCV

PRINCIPAL
Adarsh Mahavidyalaya, Omurga
Tq. Omurga, Dist. Osmanabad (M.S.)



Shramjivi Shikshan Prasarak Mandal's
ADARSH MAHAVIDYALAYA, OMERGA

NAAC Accredited - 'B' Grade- (With CGPA 2.92)

ARTS, COMMERCE & SCIENCE

Mr. Reddy S.G.
M.Sc.,
HOD, Mathematics

Tq. Omerga, Dist Osmanabad Pin- 413606 Ph. (02475) 252401 (O) 253405(E-mail : sspmo01@rediffmail.com)

Reg. A.C.O./

Date : 15/2/2019

To,
The Principal / CDC
Adarsh Mahavidyalaya, Omerga
Dist Osmanabad.

Sub: To get permission regarding college certificate courses.

Respected Sir

As per above cited subject we have prepared certificate courses for multidisciplinary students

Following courses are as below

- 1) Vedic Mathematics
- 2) Speedy Mathematics

Please give the permission for above said courses.

Thanking you !

With Regards,


Head Dept. of Maths
Adarsh College,
Omerga
(Reddy S.G.)


Principal
Adarsh Senior College
Omerga Dist. Osmanabad

Date 18-02-2019



SSPM'S
ADARSH COLLEGE, OMERGA

All the students of B.A./B.Sc./B.Com. I,II,III
are hereby informed to register their names for the

following courses:-

- 1) Certificate Course in Vedic Mathematics.
- 2) Certificate Course in Speedy Mathematics.

For more details kindly contact to

 1) Prof. Reddy S. G.
 2) Prof. Kulkarni S. S.

Speedy Math

Speedy Math Tricks for Faster Calculations

Learn speedy **Maths tricks for fast calculation**, addition, subtraction, multiplication, and division. These simple **Maths tricks** will help you to quickly solve **maths problems** and ace in Maths exams. Be it large or complex numbers, there are **maths tricks for adults** to become a **Mathematics Genius**.

Best Maths Tricks For Fast Calculation

Here are **Maths tricks** and **Maths Strategies** which everyone should know and confidently solve Maths problems.

1) Faster Addition Trick

Adding large numbers like $744 + 338$ can be a bit difficult. But if you know the **Maths shortcut for addition**, then adding can be easy through this **easy Maths trick**.

$$744 + 338$$

These numbers are definitely hard to contend with, rounding them up would make them easier to calculate. So, 744 becomes 750 and 338 becomes 340.

Now, add 750 and 340. The total is 1090. To find the answer to the actual equation, we need to find out how much we added to the numbers to round them up.

$$750 - 744 = 6 \text{ and } 340 - 338 = 2$$

Now, add 6 and 2 together to make 8.

To find the answer to the original equation, we need to subtract 8 from 1090.

$$1090 - 8 = 1082$$

So the answer to $744 + 338$ is 1082.

2) Trick To Subtract Any Number From 1,000

The rule which you need to follow while subtracting a large number from 1,000 is: Subtract every number except the last from 9 and subtract the final number from 10.

For example:

$$1,000 - 656$$

Step 1: Subtract 6 from 9 = 3

Step 2: Subtract 5 from 9 = 4

Step 3: Subtract 6 from 10 = 4

The answer is 344.

3) Shortcut Trick To Multiply By 5

When we need to **multiply the number 5** by an even number, use this **maths shortcut** to find the answer.



For example, $5 \times 6 =$

- Step 1: Cut the number being multiplied by five in to half. This makes the number 6 to be number 3.
- Step 2: Add a zero to the number and you have your answer. In this case, the answer will be 30.

$$5 \times 6 = 30$$

When we need to multiply an odd number with 5, the formula is a bit different.

Let us consider 5×7 .

- Step 1: Subtract one from the number that we need to multiply by 5, in this instance the number 7 becomes the number 6.
- Step 2: Now cut the number 6 into its half, which makes it the number 3. Make 5 the last digit. The number produced is 35, which is the answer.



$$5 \times 7 = 35$$

The same can be applied to bigger odd and prime numbers.

4) Division tricks

The **quick Maths trick** to know when a number can be evenly divided by these certain numbers:

- 10 if the number ends in 0
- 9 when the digits are added together and the total is evenly divisible by 9
- 6 if the number is even and when you add the digits, the answer is evenly divisible by 3

- 8 if the last three digits are evenly divisible by 8 or are 000
- 5 if it ends in a 0 or 5
- 4 if the number ends with 00 or a two digit number that is evenly divisible by 4
- 3 when the digits are added together and the result is evenly divisible by the number 3
- 2 if it ends in 0, 2, 4, 6, or 8

5) Trick For Multiplying by 9

This is an easy method that is helpful for **multiplying any number by 9**. Here is how it works:

Let's use the example of 9×3 .

Step 1: Subtract 1 from the number that is being multiplied by 9.

$$3 - 1 = 2$$

The number 2 is the first number in the answer to the equation.

Step 2: Subtract that number from the number 9.

$$9 - 2 = 7$$

The number 7 is the second number in the answer to the equation.

$$\text{So, } 9 \times 3 = 27$$

6) How To Calculate Percentage Faster

Finding a **percentage of a number** is always a tricky process, but if you'll think about it in the right terms, you'll find that there's a fast percentage finding trick which can save your time. For instance, to find out what 5% of 235 is, follow this method:

- Step 1: Move the decimal point over by one place, 235 becomes 23.5.
- Step 2: Divide 23.5 by the number 2, the answer is 11.75. That is also the answer to the original equation.

7) Quickly Square A Two-digit number that ends in 5

Let's use the number 35 as an example.

- Step 1: Multiply the first digit by itself plus 1.
- Step 2: Put a 25 at the end.

$$35 \text{ squared} = [3 \times (3 + 1)] \& 25$$

$$[3 \times (3 + 1)] = 12$$

$$12 \times 25 = 1225$$

$$35 \text{ squared} = 1225$$

8) Maths Short Tricks For Tough Multiplication

When **multiplying large numbers**, if one of the numbers is even, divide the first number in half, and then double the second number. This method will solve the problem quickly. For instance, consider

$$20 \times 120$$

Step 1: Divide the 20 by 2, which equals 10. Double 120, which equals 240.

Then multiply your two answers together.

$$10 \times 240 = 2400$$

The answer to 20×120 is 2,400.

9) Maths Simplification Trick For Multiplying Numbers That End With Zero

Multiplying numbers that end in zero is actually quite simple. It involves multiplying the other numbers together and then adding the zeros at the end. For instance, consider:

$$200 \times 400$$

Step 1: Multiply the 2 times the 4

$$2 \times 4 = 8$$

Step 2: Put all four of the zeros after the 8

$$80,000$$

$$200 \times 400 = 80,000$$

Practicing these **fast math tricks** can help both students and teachers improve their math skills and become secure in their knowledge of mathematics—and unafraid to work with numbers in the future.

There are many more **Maths Tricks** which you should know. The tricks are:

4. Specimen Notices Circulated among the Students:
NOTICE FOR REGISTRATION
(Certificate Course in Vedic Mathematics)

01/10/ 2019

All the students of B.Sc.F.Y. are informed that the Department of Mathematics has taken initiative and strated one Certificate Course in Speedy Mathematics for the first year students. The period of the course will be 30 Hrs and it'll be conducted by the faculty of the Department of Mathematics.

Those who are interested in getting registered for the said course can collect the registration from from the Department of Mathematics from 2nd October 2019 and submit the same on or before 21 October 2019 at the Department of Mathematics and the lectures will begin from 31 October 2019. The admission process for the said course will be run on the basis of first come first serve and the intake capacity for the every discipline will be only 30. The students will be admitted on the basis of first come first serve.

Course Duration: 30 Hrs


Prof. Reddy, S.C.
Head Dept. of Maths
Adarash College,
Omurga.

REGISTRATION FORM (Specimen):

S.S.P.M'S

**ADARSH MAHAVIDYALAYA, OMERGA, DIST. OSMANABAD, MS
(APPLICATION/REGISTRATION FORM FOR CERTIFICATE COURSE IN Speedy
MATHEMATICS BEING RUN BY THE DEPARTMENT OF MATHEMATICS)**

To,
The Principal/HoD,
Adarsh Mahavidyalaya, Omerga,
Tq. Omerga, Dist. Osmanabad, MS.

Respected Sir,
I am applying for admission as a student for Certificate Course in **SPEEDY MATHEMATICS**
for the Academic Year 2017-2018. Class: Roll No.:..... WhatsApp:..... E-
mail:

I furnish my particulars/ details as below:

Surname _____ Name _____ Father's/Husband's Name _____
.....
.....

Sex: Male/Female:..... Nationality:..... Date of Birth...../...../.....

Category: OPEN/SC/ST/OBC (Non-Creamy-Layer) / Minorities :

Address:.....
.....
.....

Last Year Examination:.....Obtained Marks:.....Out of:..... Per.(%):.....

I hereby declare that, the information given above is true to the best of my knowledge. I will
be responsible for any discrepancy, arising from the given information. I assure that I will
strictly follow the rules and regulations prescribed by the college and University. I will attend
all activities (Seminar, Conference, Workshop, Guest Lectures, Symposium, etc) being organised
by the department of **MATHEMATICS**.

Signature of the Student

REGISTRATION FORM (Specimen):

S.S.P.M'S

**ADARSH MAHAVIDYALAYA, OMERGA, DIST. OSMANABAD, MS
(APPLICATION/REGISTRATION FORM FOR CERTIFICATE COURSE IN Speedy
MATHEMATICS BEING RUN BY THE DEPARTMENT OF MATHEMATICS)**

To,
The Principal/HoD,
Adarsh Mahavidyalaya, Omerga,
Tq. Omerga, Dist. Osmanabad, MS.

Respected Sir,
I am applying for admission as a student for Certificate Course in **SPEEDY MATHEMATICS**
for the Academic Year 2017-2018. Class: Roll No.:..... WhatsApp:..... E-
mail:

I furnish my particulars/ details as below:

Surname _____ Name _____ Father's/Husband's Name _____
.....
.....

Sex: Male/Female:..... Nationality:..... Date of Birth...../...../.....

Category: OPEN/SC/ST/OBC (Non-Creamy-Layer) / Minorities :

Address:.....
.....
.....

Last Year Examination:.....Obtained Marks:.....Out of:..... Per.(%):.....

I hereby declare that, the information given above is true to the best of my knowledge. I will
be responsible for any discrepancy, arising from the given information. I assure that I will
strictly follow the rules and regulations prescribed by the college and University. I will attend
all activities (Seminar, Conference, Workshop, Guest Lectures, Symposium, etc) being organised
by the department of **MATHEMATICS**.

Signature of the Student

Shramjivi Shikshan Prasarak Mandal's
ADARSH SENIOR COLLEGE, OMERGA

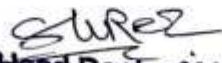
Department Of Mathematics

Time Table For

Certificate Course

Duration 21-Oct-19 To 31-Nov-19

Day/Time	MON	TUES	wED	THURS	FRI	SAT
11.00 To 12.00	VEDIC MATHS.	VEDIC MATHS.	VEDIC MATHS.	VEDIC MATHS.	VEDIC MATHS.	VEDIC MATHS.
12.00 To 1.00	SPEEDY MATHS.	SPEEDY MATHS.	SPEEDY MATHS.	SPEEDY MATHS.	SPEEDY MATHS.	SPEEDY MATHS.


Head Dept. of Maths
Adarash College

Adarsh Mahavidyalaya, Omerga
Certificate Course In Mathematics
Course:-Speedy Mathematics
Date:- 22/11/2019

Time:- 2.00 Hours

Marks:-50

-
- Q.1 a) What is Faster Addition Trick Method? 5
b) Solve the following by using Faster Addition Method. 5
 $122373+934075=$
- Q.2 Explain the Division Trick Method with suitable example. 10
- Q.3 Describe Shortcut Trick Method to Multiple by 5. 10
- Q.4 How to calculate percentage faster number? 10
- Q.5 Explain Quickly Square a two digit number that ends in 5 10

Adarsh Mahavidyalaya, Omerga
Certificate Course In Mathematics
Course:-Speedy Mathematics

Mark List

Sr. No.	Name Of Students	Obtained Marks Out Of 50
1	Chavan A. S.	42
2	Chavan R. P.	34
3	Karnure V. A.	38
4	Kawade A. A.	37
5	Ku. Gaikwad B. G.	41
6	Ku. Korale S. A.	40
7	Ku. Shaikh R. V.	43
8	Ku. Yenegure S. M.	43
9	Mali Y. S.	44
10	More P. B.	33
11	Mule N. T.	35
12	Patil R. T.	37
13	Pawar M. B.	41
14	Sarpe A. A.	43
15	Korale J. N.	46
16	Alure A. I.	41
17	Alure E. B.	38

Adarsh Mahavidyalaya, Omerga
Certificate Course In Mathematics
Course:-Speedy Mathematics
Mark List

Sr. No.	Name Of Students	Obtained Marks Out Of 50
18	Badole N. M.	37
19	Badole V. B.	39
20	Dashime P. G.	41
21	Gadekar P. A.	37
22	Ku. Morale M. V.	32
23	Ku. Mugale R. K.	47
24	Ku. Munde V. D.	43
25	Kumbhar K. L.	41
26	Mulla A. I.	38
27	Nelwade K. B.	41
28	Rathod A. K.	45
29	Shinde B. K.	43
30	Surwase A. D.	40

S. Patel.



SURESH
Head Dept. of Maths
Adarsh Coll-
Oms

CCV

IQAC Co-Ordinator
Adarsh Mahavidyalaya, Omerga
Tq. Omerga Dist. Osmanabad (MS)

PRINCIPAL
Adarsh Mahavidyalaya, Omerga
Tq. Omerga, Dist. Osmanabad (M.S.)



Adarsh Mahavidyalaya, Omurga



Tq. Omurga, Dist. Osmanabad, M.S.
Arts, Commerce & Science
NAAC Reaccredited with B Grade (2.92 CGPA)
www.adarsfcollege.in



Certificate

This is to certify that Mr./Ms. of Adarsh Mahavidyalaya, Omurga, Tq. Omurga, Dist. Osmanabad, MS, has actively participated in Certificate Course in Speedy Mathematics organized by the Department of Mathematics, Adarsh Mahavidyalaya, Omurga from 31/10/2019 to 31/10/2019

Certified By:



Prof. Kulkarni S. S.
Course Coordinator

॥ श्रम एवं जयते ॥

Dr. D. P. Garud
Principal

HoD, Dept. of mathematics

5. Course Outcome :

The department of Mathematics runs the "Certificate Course in Speedy Mathematics" for undergraduate students of first year (B.Sc.). The course has enabled the students to use the Mathematics correctly. It provides them the necessary tools for writing correct Mathematics.

There are 30 students who have completed the course successfully. At the end of the course, the students are able to construct correct Mathematics in Vedic. They are able to organize ideas to develop Mathematics. At the end of the course, the students were evaluated by conducting an exam and were awarded a certificate after successful completion of the course.

SURE?
Head Dept. of Maths
Adarsh College,
Omurga.



S. Patel.

IQAC Co-Ordinator
Adarsh Mahavidyalaya, Omurga
Tq. Omurga Dist. Osmanabad (MS)

CGV

PRINCIPAL
Adarsh Mahavidyalaya, Omurga
Tq. Omurga, Dist. Osmanabad (M.S.)

**ADARSH MAHAVIDYALAYA
OMERGA, DIST. OSMANABAD**

DEPARTMENT OF COMMERCE

**CERTIFICATE COURSE
IN**

**BANKING AND
INSURANCE**

True Inspiration

Dr.D.P.Garud

Principal

ANNUAL REPORT

2019-2020

SYLLABUS

Objectives To study the nomenclature, classification and characters of fungi

Theory Introduction, definition of different terms, basic concepts. Importance of mycology in agriculture, relation of fungi to human affairs, history of mycology. Concepts of nomenclature and classification, fungal biodiversity, reproduction in fungi. The comparative morphology, ultrastructure, characters of different groups of fungi up to generic level: (a) Myxomycota and (b) Eumycota- i) Mastigomycotina ii) Zygomycotina, iii) Ascomycotina, iv) Basidiomycotina, v) Deuteromycotina. Lichens types and importance, fungal genetics and variability in fungi. Practical Detailed comparative study of different groups of fungi; collection, identification and preservation of specimens. Isolation and identification of plant pathogenic fungi.

Detection and Diagnosis of Plant Diseases

Objective To impart training on various methods/techniques/instruments used in the study of plant diseases/pathogens. Practical Methods to prove Koch's postulates with biotroph and necrotroph pathogens, pure culture techniques, use of selective media to isolate pathogens. Preservation of plant pathogens and disease specimens, use of centrifuge, pH meter, micrometer, haemocytometer, camera lucida. Microscopic techniques and staining methods, phase contrast system, chromatography, use of electron microscope, spectrophotometer, ultracentrifuge and electrophoretic apparatus, disease diagnostics, serological and molecular techniques for detection of plant pathogens. Evaluation of fungicides, bactericides etc.; field experiments, data collection and preparation of manuscripts. Lectures schedule: Practical S. No. Topic No. of I

Principles of Plant Pathology

Objective To introduce the subject of Plant Pathology, its concepts and principles. Theory Importance, definitions and concepts of plant diseases, history and growth of plant pathology, biotic and abiotic causes of plant diseases. Growth, reproduction, survival and dispersal of important plant pathogens, role of environment and host nutrition on disease development. Host parasite interaction, recognition concept and infection, symptomatology, disease development- role of enzymes, toxins, growth regulators; defense strategies oxidative burst; Phenolics, Phytoalexins, PR proteins, Elicitors. Altered plant metabolism as affected by plant pathogens. Genetics of resistance; 'R' genes; mechanism of genetic variation in pathogens; molecular basis for resistance; marker-assisted selection; genetic engineering for disease resistance. Disease management strategies.

Diseases of some Kharip and Rabbi Crops

Knowledge about symptoms, epidemiology of different diseases of some Kharip and Rabbi Crops caused by fungal, bacterial and viral diseases and their management. Some of these Diseases are as follows:

1. Grain smut of Jowar

1. About the Department:

The department of Commerce was established in 1990. The department has Two faculty members. Dr. Solankar.R.R has been working as the Head of the Department and Dr. Kharose B.S. has been working as Professor. All the twofaculty of the department are PG recognized teachers and working as the research guides as well. This course is designed to provide the students with a thorough understanding of the importance of Banking and insurance in various economies. It aims to provide the students with an introduction to understand the concept of money, theories of money supply and money demand and working of monetary policy. It provides an insight into the Banking system. We offer the courses as follow:

Aims and Objectives:

1. To Explain and discuss why people hold money
2. To Understand the working of the monetary policy
3. To Describe the working of commercial banks
4. To Understand the role and functioning of RBI

Course Overview:

The last three or four decades have seen a remarkable evolution in the institutions that comprise the modern monetary system. The financial crisis of 2007-2009 is a wakeup call that we need a similar evolution in the analytical apparatus and theories that we use to understand that system. Produced and sponsored by the Institute for Commerce Thinking, this course is an attempt to begin the process of new economic thinking by reviving and updating some forgotten traditions in monetary thought that have become newly relevant.

Three features of the new system are central.

Most important, the intertwining of previously separate capital markets and money markets has produced a system with new dynamics as well as new vulnerabilities. The financial crisis revealed those vulnerabilities for all to see. The result was two years of desperate innovation by central banking authorities as they tried first this, and then that, in an effort to stem the collapse.

Second, the global character of the crisis has revealed the global character of the system, which is something new in postwar history but not at all new from a longer time perspective. Central bank cooperation was key to stemming the collapse, and the details of that cooperation hint at the outlines of an emerging new international monetary order.

Third, absolutely central to the crisis was the operation of key derivative contracts, most importantly credit default swaps and foreign exchange swaps. Modern money cannot be understood separately from modern finance, nor can modern monetary theory be constructed separately from modern financial theory. That's the reason this course places dealers, in both capital markets and money markets, at the very center of the picture, as profit-seeking suppliers of market liquidity to the new system of market-based credit.

2. Session-Wise Syllabus:

Insurance training provides strong practical orientation to the students and helps them in building and improving their skills in communication, the Corporate Tax, Financial Law, Economics, Accounts, business correspondence, presentations, team building, leadership, time management, group discussions, interviews, and interpersonal skills etc.. This training also helps students in career visioning and planning, effective resume writing and dealing with placement consultants and headhunters.

Sr. No.	Topic
1	Introduction to Insurance: Purpose and need of insurance, Insurance as a social security tool, Insurance and economic development, Definition of an agent, Agents Regulations, Insurance intermediaries, Agents compensation.
2	Functions of the Agent: Proposal Form and others forms for grant of cover, Financial and Medical underwriting, Material information, Nomination and assignment Procedure regarding settlement of policy claims. Pre-requisite for obtaining a license, Duration of license, Cancellation of license, Revocation or suspension/termination of agent appointment, Code of conduct, Unfair Practices.
3	Fundamentals/Principles of Life Insurance: Marine/Fire/ Medical/ General Insurance, contracts of Various kinds, Insurable Interest.
4	Insurance Documents: Insurance Document, Including Proposal forms and other relevant forms, First premium receipt, renewal premium receipt , Policy contract, Endorsements, Renewal notice/ bonus notices, Other insurance documents related to receipt.
5	Computation of Premiums /Bonuses: Premium calculation-including rebates, mode of rebate, large- sum assured policies rebate Extra premium Under Premiums, computation of benefits, Surrender value, Paid-up value.

3. Teaching Faculty:

Sr. No	Name of the Faculty	Designation
1	Shri. Jakate R.P.	Head and Assistant Professor
2	Shri. Chavan A.B.	Assistant Professor (CHB)
3	Badure S.R.	Assistant Professor (CHB)

**4. Specimen Notices Circulated among the Students:
NOTICE FOR REGISTRATION
(Certificate Course in Banking and insurance)**

05/08/2019

All the students of B.COM FY, are informed that the Department of Commerce has taken initiative and started one Certificate Course in Banking and insurance for the first year students. The period of the course will be 30 Hrs and it'll be conducted by the faculty of the Department of Commerce.

Those who are interested in getting registered for the said course can collect the registration from the Department of Commerce from 7th August 2019 and submit the same on or before 25th August 2019 at the Department of Commerce and the lectures will begin from 25th August 2019. The admission process for the said course will be run on the basis of first come first serve and the intake capacity for the every discipline will be only . The students will be admitted on the basis of first come first serve.

Course Duration: 30 Hrs



PRINCIPAL
Adarsh College, Omerga
Dist. Osmanabad.



Shri. Jakate R.P.

5. REGISTRATION FORM (Specimen):

S.S.P.M'S

ADARSH MAHAVIDYALAYA, OMERGA, DIST. OSMANABAD, MS
(Application/registration form for certificate course in banking and insurance being run by the department of Commerce)



To,

**The Principal/HoD,
Adarsh Mahavidyalaya, Omurga,
Tq. Omurga, Dist. Osmanabad, MS.**

Respected Sir,

I am applying for admission as a student for **Certificate Course in Banking And Insurance** for the Academic Year 2019-2020. Class:Roll No.:..... WhatsApp:..... E-mail:

I furnish my particulars/ details as below:

Surname	Name	Father's/Husband's Name
.....

Sex: Male/Female:..... Nationality:..... Date of Birth...../...../.....

Category: OPEN/SC/ST/OBC (Non-Creamy-Layer) / Minorities :

Address:.....
.....
.....

Last Year Examination:.....Obtained Marks:.....Out of:..... Per.(%):.....

I hereby declare that, the information given above is true to the best of my knowledge. I will be responsible for any discrepancy, arising from the given information. I assure that I will strictly follow the rules and regulations prescribed by the college and University. I will attend all activities (Seminar, Conference, Workshop, Guest Lectures, Symposium, etc) being organized by the department of Economics.

Signature of the Student

6. List of Admitted Students: 2019-2020

Sr. No	Name of Student	Class
1	Ambulge Balaji Ramkrishana	B.COM FY
2	Ambulge Pratik Suresh	B.COM FY
3	Bagwan Bilal Farukh	B.COM FY
4	Balkunde Pallavi Santosh	B.COM FY
5	Barkambe Laxman Balaji	B.COM FY
6	Bhosale Mahesh Baburao	B.COM FY
7	Bijapure Hajipasha Fazloddin	B.COM FY
8	Birajdar Manoj Shivaji	B.COM FY
9	Birajdar Shivprasad Subhash	B.COM FY
10	Birajdar Siddheshwar Narsing	B.COM FY
11	Bondge Divya Kashinath	B.COM FY
12	Byale Nikita Ashok	B.COM FY
13	Byalibige Ambika Sidharam	B.COM FY
14	Chavan Samarth Bankatrao	B.COM FY
15	Chinchole Sagar Vinayak	B.COM FY
16	Dagdade Govind Pandurang	B.COM FY
17	Dagdade Vijay Shrirang	B.COM FY
18	Dalgade Bhimashankar Sanjay	B.COM FY
19	Dende Shivkumar Ratan	B.COM FY
20	Dhage Shivraj Narshing	B.COM FY

7. Time table : 2019-2020

Sr. No.	Day	Time	Faculty Name	Hall No
1	Monday	4 pm to 5 pm	Jakate R.P.	Hall. No 36
2	Tuesday	4 pm to 5 pm	Jakate R.P.	Hall. No 36
3	Wednesday	4 pm to 5 pm	Badure S.R.	Hall. No 36
4	Thursday	4 pm to 5 pm	Badure S.R.	Hall. No 36
5	Friday	4 pm to 5 pm	Chavan A.B	Hall. No 36
6	Saturday	4 pm to 5 pm	Chavan A.B	Hall. No 36

8. Attendance Details : (2019-20)

Sr. No	Name of Student	18/08	19/08	21/08	22/08	23/08	24/08	25/08	28/08	29/08	30/08	31/08	01/09	04/09	05/09	06/09	07/09	08/09	09/09	11/09	12/09	13/09	14/09	15/09	16/09	18/09	19/09	20/09	21/09	22/09	23/09
1	Ambulge Balaji Ramkrishana	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
2	Ambulge Pratik Suresh	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
3	Bagwan Bilal Farukh	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
4	Balkunde Pallavi Santosh	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
5	Barkambe Laxman Balaji	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
6	Bhosale Mahesh Baburao	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
7	Biwapure Haijapasha Fazloddin	P	P	P	P	A	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
8	Birajdar Manoj Shivaji	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
9	Birajdar Shivprasad Subhash	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
10	Birajdar Siddheshwar Narsing	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
11	Bondge Divya Kashinath	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
12	Byale Nikita Ashok	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
13	Byalibige Ambika Sidharan	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
14	Chavan Samarth Bankatrao	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
15	Chinchole Sagar Vinayak	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
16	Dagdade Govind Pandurang	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17	Dagdade Vijay Shrirang	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18	Dalgade Bhimashankar Sanjay	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
19	Dende Shivkumar Ratan	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
20	Dhage Shivraj Narshing	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

9. : Specimen Question Paper: (2019-20)

S.S.P.M'S
**ADARSH MAHAVIDYALAYA, OMERGA, DIST.
OSMANABAD, MS**
(Application/Registration form for Certificate Course in Banking and Insurance
being run by the Department of Commerce)



- All questions are compulsory
- Fill in the blanks
- Time: 1:30 Hrs
- Each question carries two marks

Q.1. A nomination can be made only in favors of

- a. Parents
- b. Spouse and children
- c. Spouse
- d. Parents, spouse and children
- e. Any individual

Q.2. Select the expanded form of SA as commonly used in life insurance

- a. Sum Assured
- b. Surrender of Assurance
- c. Supplementary Assurance
- d. Stamp Act e. Survivor's Annuity

Q.3. Which product offered by insurance companies that, unlike a pure insurance policy, gives investors both insurance and investment under a single integrated plan?

- a. Money Back Plan
- b. Endowment Plans
- c. Term Insurance Plans
- d. Unit-linked insurance plan
- e. Micro Insurance Plans

Q.4. In which Policy, if the policyholder survives till the end of this period, the risk cover lapses, and no insurance benefit payment is made to him/her?

- a. Money Back Plan
- b. Endowment Plans
- c. Term Insurance Plans
- d. Unit-linked insurance plan
- e. Micro Insurance Plans

Q.5. In which Policy, the insurer agrees to pay the assured or his nominees a specified sum of money on his death or on the maturity of the policy whichever is earlier?

- a. Money Back Plan
- b. Endowment Plans
- c. Annuity Policy
- d. Unit-linked insurance plan
- e. Micro Insurance Plans

- Q.6. As per the Insurance Act, every insurer has to prepare at the end of financial year**
- a. Balance Sheet b. Profit and Loss Account
 - c. Revenue Account for each class of Insurance business
 - d. Accounts of receipts and payments in respect of shareholders' funds
 - e. All of the above

Q.7. are agents but they can sell policies of several life and non-life insurance companies at a time.

- a. Loss assessors
- b. Brokers
- c. Insurer
- d. Insured Insurance Awareness MCQs LIC Assistant Exam 2019
- e. Surveyors

Q.8. is a voluntary termination of the contract by the policy holders.

- a. Report
- b. Surrender
- c. Prospectus d. Cover note
- e. Claim

Q.9. Which of the following is contract between two insures i.e. original insurer and another insurer?

- a. Premium
- b. Cover note
- c. Reinsurance
- d. Co-insurance
- e. Double Insurance

Q.10. Which of the following involves proportionate sharing of the insurance among more than one insurer?

- a. Premium
- b. Cover note
- c. Reinsurance
- d. Co-insurance
- e. Double Insurance

Q.11. When the amount for which a subject matter is insured is more than its actual value, it is called _____

- a. Premium
- b. Cover note
- c. Reinsurance
- d. Co-insurance
- e. Double Insurance

Q.12 A person whose risk is insured is called.....

- a) Insured
- b) merchandiser
- c) marketer
- d) Agents
- e) None of the above

Q.13 When was life insurance sector nationalized?

- a) 1952
- b) 1956
- c) 1986
- d) 1984
- e) 1951

Q.14 The company doing insurance business is called.....

- a) Mutual funds
- b) Non-banking firm
- c) An insurance company
- d) Banking company
- e) All of the above

Q.15 Risk retention means——

- a) Saving money to pay for the losses
- b) Accepting and agreeing to finance the loss oneself
- c) Not taking up any activity which is risky
- d) Insuring the risk
- e) Insuring the finance

Q.16 Pure risk was grouped

- a) Property Risk
- b) Personal Risk
- c) Liability risk
- d) All the above
- e) None of the above

Q.17 Which of the following statement are correct? (a) transfer of risk mechanism (b) Insurance gives physical protection of assets.

- a) statement A
- b) Statement B
- c) Both the statements
- d) Neither of the statements

Q.18 Policy matures on the assured death or on his attainment of a particular age whichever occurs earlier

- a) Endowment
- b) Money back
- c) Joint life
- d) Single premium

Q.19 The risk which arises because of change in major economic. Social, cultural and political factors are

- a) Particular Risk
- b) Fundamental Risk
- c) Speculative Risk
- d) Dynamic Risk

Q.20 Insurance covers.....

- a) Protect assets
- b) Prevents loss
- c) Reduces the impact of loss
- d) Insurances immortality

Q. 21 Which of the following is the only public sector company in the field of life insurance?

- a) General insurance company
- b) New India assurance company
- c) Oriental insurance company
- d) Life Insurance Corporation of India

Q.22 Which of the following is the regulator of insurance sector in India?

- a) RBI
- b) AMFI
- c) IRDA
- d) SEBI

Q. 23 Which of the following terms is NOT related to the insurance sector?

- a) Indemnity
- b) Coverage
- c) Misuse Alert
- d) Annuity

Q.24 Which of the following insurance companies gives the slogan Prithvi, Agni, Jal, Akash Sab ki Surakhsa Hamare Paas?

- a) Life Insurance Corporation
- b) Oriental Insurance Company
- c) New India Assurance
- d) General Insurance Company

Q. 25 What does the term FSDC, used in financial sectors stand for?

- a) Financial Security and Development Council
- b) Financial Stability and Development Council
- c) Fiscal Security and Development Convention
- d) Fiscal Stability and Development Council

11. Results:

Sr. No	Name of Student	Written (50)	Oral (50)	Total (100)
1	Ambulge Balaji Ramkrishana	22	28	50
2	Ambulge Pratik Suresh	20	22	42
3	Bagwan Bilal Farukh	22	24	46
4	Balkunde Pallavi Santosh	24	24	48
5	Barkambe Laxman Balaji	24	26	50
6	Bhosale Mahesh Baburao	24	24	48
7	Bijapure Hajipasha Fazloddin	24	24	48
8	Birajdar Manoj Shivaji	20	22	42
9	Birajdar Shivprasad Subhash	22	20	42
10	Birajdar Siddheshwar Narsing	22	24	46
11	Bondge Divya Kashinath	26	26	52
12	Byale Nikita Ashok	20	30	50
13	Byalibige Ambika Sidharam	30	22	52
14	Chavan Samarth Bankatrao	28	22	50
15	Chinchole Sagar Vinayak	26	20	46
16	Dagdade Govind Pandurang	28	20	48
17	Dagdade Vijay Shrirang	30	20	50
18	Dalgade Bhimashankar Sanjay	22	20	42
19	Dende Shivkumar Ratan	22	20	42
20	Dhage Shivraj Narshing	28	22	50

12. Specimen Certificate:



S.S.P.M's

Adarsh Mahavidyalaya, Omerga

Tq. Omerga, Dist. Osmanabad, MS

Arts, Commerce & Science

NAAC Reaccredited with B Grade (2.92 CGPA)

www.adarshcollege.in



Certificate

This is to certify that Mr./Ms. of

Adarsh Mahavidyalaya, Omerga, Tq. Omerga, Dist. Osmanabad, MS, has actively

participated in Certificate Course in Banking and Insurance organized by the Department of

Commerce, Adarsh Mahavidyalaya, Omerga from 20/08/2019 to 27/09/2020

Dr. Kharose B.S
Course Coordinator

Dr. Solankar R.R
HoD, Dept. of Economics

Dr. D. P. Garud
Principal

॥ श्रम एवं जयते ॥

(Signature)

13. Course Outcome :

The department of Commerce runs the "Certificate Course in Banking and Insurance" for undergraduate students of first year B.COM . Upon successful completion, students will have the knowledge and skills to:

1. Understand several key models and concepts of Banking and Insurance theory
2. Understand simple articles concerned with Banking and Insurance theory
3. Apply to current events key models and concepts of Banking and Insurance theory
4. Appreciate the potential importance of phenomenon in the Banking and Insurance.
5. At the end of the course, the students were evaluated by conducting an exam and were awarded a certificate after successful completion of the course.



IQAC Co-Ordinator
Adarsh Mahavidyalaya, Omerga
Tq. Omerga Dist. Osmanabad (MS)



PRINCIPAL
Adarsh Mahavidyalaya, Omerga
Tq. Omerga, Dist. Osmanabad (M.S.)