

DATE: 27th August 2020

To,
The Principal,
S. G. R. G. Shinde Mahavidyalaya,
Paranda, Dist. Osmamabad 413502

Subject: Submission of report on online teaching.

Respected Madam,

With reference to notice received on NAAC WhatsApp group on 27/08/2020 regarding submission of report on “online teaching” and difficulties faced by teachers and students during online teaching / learning. I am herewith attaching the brief report of activities conducted for online teaching. I will submit the proof of all activities whenever asked.

Please accept and do needful.

Thanking You.

Yours Sincerely

Mr. Vidyadhar Vitthalrao Nalawade

SHIKSHAN MAHARSHI R. G. SHINDE MAHAVIDYALAYA, PARANDA, DIST. OSMANABAD- 413502

Department of Mathematics

Syllabus Completion Status: AY 2020-21

Sr. No.	Name of Class	Name of the Paper	Syllabus Covered	Number of students admitted in class		
				WhatsApp group	Google Class	YouTube Videos
1	B. Sc. S.Y.	MAT 301 Number Theory	Syllabus, Chapter 1 started	25	25	25
2	B. Sc. S.Y.	MAT 302 Integral Transforms	Syllabus	25	25	25
3	B. Sc. S.Y.	MAT 303 Mechanics I	Syllabus	25	25	25
4	B. Sc. T.Y.	MAT 501 Real Analysis I	Syllabus, Chapter 1 started	13	13	13
5	B. Sc. T.Y.	MAT 502 Abstract Algebra I	Syllabus	13	13	13
6	B. Sc. T.Y.	MAT 504 Ordinary Differential Equations I	Syllabus	13	13	13

Syllabus Completion Report

Class: B. Sc. I (Semester II)

Code of the paper: MAT 201

Name of the paper: Integral Calculus

Number of theory lectures: 45

Number of practical: N/A

Total marks: 50

Name of the teacher: Mr. Vidyadhar Vitthalrao Nalawade

Sr. No.	Name of the Chapter	Sub-Unit	Status
1	Methods of Integration	Reduction Formulae	Completed
2	Integration of Algebraic Rational Functions	Case of non repeated linear factors, Case of non repeated linear or repeated linear factors, Case of linear or quadratic non repeated factors	Completed
3	Integration of Trigonometric Functions	Integration of $\sin^n x, \cos^n x$ and reduction formulae for integration of $\sin^n x, \cos^n x$.	Completed
4	Definite integral as the limit of a sum	Introduction, Fundamental Theorem	Completed
5	Areas of plane regions	Areas of a region bounded by a curve, X axis and two ordinates.	Completed
6	Rectification: Length of plane curves	Introduction, expression for lengths of curves $y = f(x)$, expressions for lengths of arc $x = f(y)$; $x = f(t), y = \varphi(t)$; $r = f(\theta)$.	Completed
7	Volumes and surfaces of revolution	Introduction, expressions for the volume obtained by revolving about either the axis.	Completed
8	Integral Transformation	Introduction, line integrals, circulation, irrotational vector point functions, surface integrals, volume integrals, reduction of volume to surface integral, physical interpretation of Gauss theorem, reduction of surface to line integrals, condition for irrotational vector functional, Green's theorem.	Incomplete

Signature of Teacher

Syllabus Completion Report

Class: B. Sc. I (Semester II)

Code of the paper: MAT 202

Name of the paper: Geometry

Number of theory lectures: 45

Number of practical: N/A

Total marks: 50

Name of the teacher: Miss Snehal Mahadev Shinde

Sr. No.	Name of the Chapter	Sub-Unit	No. of Periods
1	The plane	Equation of first degree in x, y, z , Transformation to the normal form, Determination of a plane under given conditions, System of planes, Two sides of a plane, Length of the perpendicular from a point to a plane, Bisectors of angles between two planes, Joint equation of two planes.	Completed
2	Right line	Equation of a line, Equation of line through a given point drawn in a given direction, Equation of a line through two points, Symmetrical and unsymmetrical form of the equation of a line, Transformation of the equations of a line to the symmetrical form, Angle between a line and a plane, Condition that a given line may lie in a given plane, Condition that two given lines are coplanar, Number of arbitrary constants in the equations of a straight line, Set of conditions which determine a line, The shortest distance between two lines, The length and equations of the line of shortest distance between two straight lines, Length of the perpendicular from a given point to a given line.	Completed
3	Sphere	Definition and equation of the sphere, The sphere through four given points, Plane section of a sphere, Intersection of two spheres, Sphere with a given diameter, Equations of a circle, Sphere through a given circle, Intersection of a sphere and a line, Equation of a tangent plane.	Completed
4	Cones, Cylinders	The right circular cone, Equation of a right circular cone, The right circular cylinder, Equation of the right circular cylinder.	Completed Completed
5	The Conicoid	Central conicoids, Intersection of a line with a central conicoid, Tangent lines and tangent plane at a point, Condition that a plane may touch a central conicoid.	Completed

Signature of HOD

Syllabus Completion Rerport


Class: B. Sc. II (Semester II) **Code of the paper:** MAT 401

Name of the paper: Numerical methods **Number of theory lectures:** 45

Number of practical: N/A **Total marks:** 50

Name of the teacher: Mr. Vidyadhar Vitthalrao Nalawade

Sl. No.	Name of the chapter	Name of the topic	No. of Periods
1	Solutions of algebraic and transcendental equations	Introduction	Completed
		Bisection method	Completed
		Method of false position	Completed
		Newton-Raphson method	Completed
		Generalized Newton method	Completed
2	Interpolation	Introduction	Completed
		Finite differences	Completed
		Symbolic relations and separation of symbols	Completed
		Differences of a polynomial	Completed
		Newton's formulae for interpolation	Completed
		Interpolation with unevenly spaced points	Completed
		Divided differences and their properties	Completed
		Newton's general interpolation formula	Completed
3	Curve fitting and Approximations	Introduction	Completed
		Least squares curve fitting procedures	Completed
		Approximations of functions	Completed
4	Solutions of system of equations	Solution of linear systems:- direct methods	Completed
		Solution of linear systems:- iterative methods	Completed
		The eigenvalue problem	Completed
5	Numerical solution of ordinary differential equations	Introduction	Completed
		Solution by Taylor's series method	Completed
		Picard's method of successive approximations	Completed
		Euler's method	Completed
		Runge-Kutta method	Completed



Signature of Teacher

Syllabus Completion Report

Class: B. Sc. II (Semester II)

Code of the paper: MAT 402

Name of the paper: Partial Differential Equations


Number of theory lectures: 45

Number of practical: N/A

Total marks: 50

Name of the teacher: Mr. Ajit Prakash Deshmukh

Sr. No.	Name of the Chapter	Sub-Unit	No. of Periods
1	Prerequisites	Derivation of partial differential equations by elimination of arbitrary constants	Completed
		Derivation of partial differential equations by elimination of arbitrary functions	Completed
2	Partial Differential Equations of Order One (Linear Equations)	Definition of partial differential equations	Completed
		Lagrange's linear partial differential equation	Completed
		Geometrical interpretation of Lagrange's linear partial differential equation $Pp + Qq = R$	Completed
3	Non Linear Partial Differential Equations of Order One	Complete and Particular Integrals	Completed
		General integral	Completed
		Singular integral	Completed
		Special method	Completed
		Standard form I	Completed
		Standard Form II	Completed
		Standard form III	Completed
		Standard form IV	Completed
		Charpit's method	Completed
		Non linear partial differential equation of order one with three or more independent variables	Completed
4	Linear Partial Differential Equations	Jacobi's method	Completed
		Definitions	Completed
		Linear homogeneous partial differential equations with constant coefficients	Completed
		Non linear homogeneous partial differential equations	Completed
5	Partial Differential Equations of Second Order	Equations reducible to linear form with constant coefficients	Completed
		Equations that can be integrated by inspection	Completed
		Monge's method to solve equation $Rr + Ss + Tt = V$	Completed
		Method of transformations (Canonical forms)	Completed


Signature of Teacher

Syllabus Completion Report

Class: B. Sc. II (Semester II)

Code of the paper: MAT 403

Name of the paper: Mechanics II

Number of theory lectures: 45

Number of practical: N/A

Total marks: 50

Name of the teacher: Mr. Vidyadhar Vitthalrao Nalawade

Sr. No.	Name of the chapter	Name of the topic	No. of Periods
1	Kinematics and Dynamics of a Particle in Two Dimensions	Introduction	Completed
		Definitions	Completed
		Velocity and acceleration in terms of vector derivatives	Completed
		Tangent and unit vector along the tangent at given point	Completed
		Rate of change of unit vector moving in a plane	Completed
		Curvature and principal normal	Completed
		Tangential and normal components of velocity and acceleration	Completed
		Angular speed and angular velocity	Completed
		The radial and transverse components of velocity and acceleration	Completed
		Areal speed and areal velocity	Completed
2	Kinetics of a Particle	Introduction	Completed
		Newton's laws of motion	Completed
		Matter	Completed
		Linear momentum	Completed
		Angular momentum	Completed
		An impulsive force and its impulse	Completed
		Conservation of linear momentum	Completed
		Impact of two bodies	Completed
		Work	Completed
		Energy	Completed
		Scalar point function	Completed
		Vector point function	Completed
		Field of force	Completed
		Conservative field of force	Completed
3	Motion of s projectile and Motion in a Resisting Medium	Rectilinear Motion	Completed
		Motion under gravity	Completed
		Projectile	Completed
		Motion of projectile	Completed
		Range on an inclined plane	Completed
		Parabola of safety	Completed

		Projectile to pass through a given point	Completed
		Problems on the above concepts	Completed
		Motion in a resisting medium	Completed
		Motion of a body moving under gravity and in a medium whose resistance varies a velocity	Completed
		Problems on the above concepts	Completed
4	Central orbits	Definition	Completed
		Areal velocity in central orbit	Completed
		Differential equation of central orbit	Completed
		Apses	Completed
		Law of force	Completed
		Pedal equation of some curves	Completed



Signature of Teacher

Syllabus Completion Report

Class : B. Sc. III (Semester II) **Code of the paper** : MAT 601
Name of the paper : Real Analysis II **Number of theory lectures** : 45
Number of Practical: N/A **Total marks** : 50
Name of the teacher: Mr. Vidyadhar Vitthalrao Nalawade

Sr. No.	Name of the Chapter	Name of the topic	Number of Periods
1	Limits in metric spaces	Metric spaces	Completed
		Limits in metric spaces	Completed
2	Continuous functions on metric spaces	Functions continuous on a metric space	Completed
		Open sets	Completed
		Closed sets	Completed
3	Connectedness, completeness and compactness	More about open sets	Completed
		Connected sets	Completed
		Bounded sets and totally bounded sets	Completed
		Complete metric space	Completed
		Compact metric spaces	Completed
		Continuous functions on compact metric spaces	Completed
		Uniform continuity	Completed
4	Calculus	Sets of measure zero	Incomplete
		Definition of Riemann integral	Incomplete
		Existence of Riemann integral	Incomplete
		Properties of Riemann integral	Incomplete
		Fundamental theorem of calculus	Incomplete
5	Fourier Series	Introduction	Completed

Signature of Teacher

Syllabus Completion Report

Class: B. Sc. III (Semester II)

Code of the paper: MAT 602

Name of the paper: Abstract Algebra II

Number of theory lectures: 45

Number of practical: N/A

Total marks: 50

Name of the teacher: Miss. Snehal Mahadev Shinde

Sr. No.	Name of the Chapter	Sub-Unit	No. of Periods
1	Vector Spaces and Modules	Elementary basic concepts	Complete
		Linear dependence and bases	Complete
		Dual spaces	Complete
		Inner product spaces	Complete
		Modules	Complete

Signature of Teacher

Syllabus Completion Report

Class: B. Sc. III (Semester II)

Code of the paper: MAT 604

Name of the paper: Ordinary Differential Equation II

Number of theory lectures: 45

Number of practical: N/A

Total marks: 50

Name of the teacher: Mr. Ajit Prakash Deshmukh

Sr. No.	Name of the Chapter	Sub-Unit	No. of Periods
1	Linear equations with variable coefficients	Introduction	Complete
		Initial value problems for homogeneous equations	Complete
		Solution of homogeneous equation	Complete
		The Wronskian and linear independence	Complete
		Reduction of order of a homogeneous equation	Complete
		The non homogeneous equation	Complete
		Homogeneous equation with analytic coefficients	Complete
		The Legendre's equation	Complete
2	Linear equation with regular singular points	Introduction	Complete
		The Euler equation	Complete
		Second order equation with regular singular points – an example	Complete
		Second order equation with regular singular points – the general case	Complete
		The Bessel equation	Complete

Signature of Teacher

S. G. R. G. Shinde Mahavidyalaya, Paranda

Syllabus Completion Report 2020-21

B. Sc. Mathematics (Optional)

Sr. No.	Name of the paper	Completion Status
1	MAT 101 Differential Calculus	10 %
2	MAT 102 Differential Equations	05 %
3	MAT 301 Number Theory	30 %
4	MAT 302 Integral Transforms	25 %
5	MAT 303 Mechanics I	25 %
6	MAT 501 Real Analysis I	30 %
7	MAT 502 Abstract Algebra I	35 %
8	MAT 504 Ordinary Differential Equations I	35 %

Mr. Vidyadhar Vitthalrao Nalawade

DATE: 17TH JULY 2020

To,
The Principal,
S. G. R. G. Shinde Mahavidyalaya,
Paranda, Dist. Osmamabad 413502

Subject: Submission of report on Work from Home during 24/03/20020 to 17/07/2020.

Respected Madam,

With reference to notice received on NAAC WhatsApp group on 17/07/2020 regarding submission of report on “Work from Home” during the period 24/03/2020 to 17/07/2020. I am herewith attaching the brief report of activities conducted/participated during the said period. I will submit the proof of all activities as per your order.

Please accept and do needful.

Thanking You.

Yours Sincerely

Dr. Maheshkumr L. Mane

**SHRI BHAVANI SHIKSHAN PRASARAK MANDAL'S
SHIKSHAN MAHARSHI GURUVARYA R. G. SHINDE MAHAVIDYALAYA,
PARANDA, DIST. OSMANABAD-413502**

WORK FROM HOME REPORT (24-03-2020 TO 16-07-2020)

- ❖ As a nodal officer submitted B. Voc. Proposal to UGC for Academic Year 2020-2021
- ❖ *Published one research paper in RSC Advances (Impact Factor 3.1) and Submitted one research paper in Optical and Quantum Electronics (Springer Impact Factor 1.6)*
- ❖ *Reviewed two International Papers (Ceramic International and Journal of Physics and Chemistry of Solids)*
- ❖ Conducted MOODLE course for B. Sc. III Students on Non Convectional Energy Sources and Optical Fiber (May 2020)
- ❖ Created MOODLE course for B. Sc. II Students on Modern and Nuclear Physics paper (July 2020)
- ❖ Created Google Glass for B. Sc. Students
- ❖ Update of college, university, Government notices and guidelines
- ❖ Participated in various quizzes organized by different Institutes during Lockdown period
- ❖ B. Voc. Utilization and audit support
- ❖ Participated in Various Faculty development Programs under PMMMNMTT, UGC-HRDC and Various Institutes
- ❖ Organized Online Certificate Course On "*Learn to Design your Solar System*"
- ❖ *Worked as Resource person in "National webinar on Advances in Physical Sciences"*

Date wise activity report is as follow:

Sr. No	Date	Day	Activity	
Mar-2020				
1	24/03/2020	Tuesday	Computer Departmental PPT Preparation	
2	25/03/2020	Wednesday	Computer Departmental PPT Preparation	
3	26/03/2020	Thursday	IQAC criterion 3 work	
4	27/03/2020	Friday	IQAC criterion 3 work	
5	28/03/2020	Saturday	Physics Departmental PPT Preparation	

6	29/03/2020	Sunday		
7	30/03/2020	Monday	Departmental Annual Plan 2020-2021 Preparation	
8	31/03/2020	Tuesday	NAAC PPT Corrections	
Apr-2020				
9	01/04/2020	Wednesday	Research Paper writing	
10	02/04/2020	Thursday	Research Paper writing	
11	03/04/2020	Friday	Research Paper writing	Review of Manuscript "Ceramic International"
12	04/04/2020	Saturday	Research Paper writing	
13	05/04/2020	Sunday	Research Paper writing	
14	06/04/2020	Monday	Research Paper writing	
15	07/04/2020	Tuesday	Research Paper writing	
16	08/04/2020	Wednesday	Research Paper writing	
17	09/04/2020	Thursday	Research Paper writing	
18	10/04/2020	Friday	e-content YouTube Video Basic Thermodynamics (Published on 12/04/2020) (https://youtu.be/h5hLXF0i9dI)	
19	11/04/2020	Saturday		
20	12/04/2020	Sunday		
21	13/04/2020	Monday	Research Paper writing	
22	14/04/2020	Tuesday	Research Paper writing	
23	15/04/2020	Wednesday	Research Paper writing	
24	16/04/2020	Thursday	College NAAC meeting with Secretary, Principal, all senior staff	
25	17/04/2020	Friday	Research Paper writing	
26	18/04/2020	Saturday	Research Paper writing	
27	19/04/2020	Sunday	Research Paper writing	
28	20/04/2020	Monday		FDP on Managing online classes and co-creating MOOCS Organized by TLC Ramanujan College, Delhi (20 April to 06 May) Under PMMMNMTT
29	21/04/2020	Tuesday		
30	22/04/2020	Wednesday		
31	23/04/2020	Thursday		

32	24/04/2020	Friday		
33	25/04/2020	Saturday		
34	26/04/2020	Sunday	Quiz on Atomic, Molecular and LASER Physics for B. Sc. III (https://forms.gle/Xp6UcfSfMwzEk8nZ7)	
35	27/04/2020	Monday		
36	28/04/2020	Tuesday		
37	29/04/2020	Wednesday	Workshop on MOOCs, e-content development and OERs (29/04/2020 to 04/05/2020)	
38	30/04/2020	Thursday		
May-2020				
39	01/05/2020	Friday	Workshop on MOOCs, e-content development and OERs Organized by HRDC Devi Ahilya Vishwavidyalaya, Indore (29/04/2020 to 04/05/2020)	FDP on Managing online classes and co-creating MOOCS Organized by TLC Ramanujan College, Delhi (20 April to 06 May) Under PMMMNMTT
40	02/05/2020	Saturday		
41	03/05/2020	Sunday		
42	04/05/2020	Monday		
43	05/05/2020	Tuesday		
44	06/05/2020	Wednesday		
45	07/05/2020	Thursday		FDP on MOODLE LMS organized by Dr. G. Y. Patharikar College of Computer Science and Information Technology, MGM University Aurangabad (07-12 May)
46	08/05/2020	Friday		
47	09/05/2020	Saturday		
48	10/05/2020	Sunday		
49	11/05/2020	Monday	FDP on Experimental learnig Methodology-Gandhiji's Nai Talim (11-15 May) Under PMMMNMTT	
50	12/05/2020	Tuesday		
51	13/05/2020	Wednesday		
52	14/05/2020	Thursday		
53	15/05/2020	Friday		3rd STC on E-content development organized by HRDC Gujarat University (14-20 May)
54	16/05/2020	Saturday	Swaraj Energy Foundation (Energy Literacy)	
55	17/05/2020	Sunday		
56	18/05/2020	Monday		
57	19/05/2020	Tuesday		
58	20/05/2020	Wednesday		

59	21/05/2020	Thursday	Workshop on MOODLE organized by Jawahar College Andur	Two Week FDP on Empowerment Through Digital Technology and E-Learning Organized by SNDT Women’s University (18-30 May)
60	22/05/2020	Friday		
61	23/05/2020	Saturday		
62	24/05/2020	Sunday		
63	25/05/2020	Monday	Participation in IPC for Novel Coronavirus (WHO)	
64	26/05/2020	Tuesday	National Webinar on "Women in Higher Education Issues and Challenges during Corona Pandemic" Organized by GADTLC, Khalsa College Delhi	
65	27/05/2020	Wednesday		
66	28/05/2020	Thursday	Video creation on AZ screen recorder (https://youtu.be/HYi_PLFYJOs)	
67	29/05/2020	Friday		
68	30/05/2020	Saturday		
69	31/05/2020	Sunday		
Jun-2020				
71	01/06/2020	Monday		FDP on Modern Teaching, evaluation and Research Methodology, organized by Vinayakrao Patil Mahavidyalaya, Vaijapur (02-07 June)
72	02/06/2020	Tuesday		
73	03/06/2020	Wednesday		
74	04/06/2020	Thursday	Review of Manuscript “JPCS”	
75	05/06/2020	Friday	ENERGY and Environment workshop Organized by MIT Aurangabad	
76	06/06/2020	Saturday	International conference, Raje Ramrao Mahavidyalaya, Jat	
77	07/06/2020	Sunday		
78	08/06/2020	Monday		One week online research methodology workshop on BFSI Sector organized by SFDC (8-12 June) Under PMMMNMTT
79	09/06/2020	Tuesday		
80	10/06/2020	Wednesday	"Resource Person" in National Webinar organized by R. B. Attal College Georai Dist. Beed	

81	11/06/2020	Thursday	Submitted one research paper in Optical and Quantum Electronics	
82	12/06/2020	Friday	National Webinar on "Teaching During and Post COVID Times" Organized by GADTLC, Khalsa College Delhi	
83	13/06/2020	Saturday	Organized Online Certificate Course On "Learn to Design your Solar System" (https://energyswaraj.org/participating_organization_lss.php?organization_id=organization_17#take-quiz)	
84	14/06/2020	Sunday	FDP on Mental Health organized by HRDC Savitribai Phule Pune University, (14-20 June)	
85	15/06/2020	Monday		First working day meeting with Principal and other Staff
86	16/06/2020	Tuesday		
87	17/06/2020	Wednesday		
88	18/06/2020	Thursday		
89	19/06/2020	Friday		
90	20/06/2020	Saturday		
91	21/06/2020	Sunday	Workshop on "Bodhi Tree and SAFE Tools for Effective Online Teaching" Organized by NME IIT Bombay under PMMMNM TT	
92	22/06/2020	Monday		
93	23/06/2020	Tuesday	FDP on Entrepreneurship, Incubation and Innovation Organized by TLC Ramanujan College, Delhi	
94	24/06/2020	Wednesday		
95	25/06/2020	Thursday		National Webinar on Digital Transformation in Educational Institutes organized by KMJM Washi
96	26/06/2020	Friday		
97	27/06/2020	Saturday		
98	28/06/2020	Sunday		
99	29/06/2020	Monday		B. Voc. Proposal Submission for AY 2020-21
100	30/06/2020	Tuesday		

Jul-20				
101	01/07/2020	Wednesday	FDP on Advanced MOOCs Organized by TLC Ramanujan College, Delhi (02 - 17-July) Under PMMMNMST	
102	02/07/2020	Thursday		College meeting with Principal
103	03/07/2020	Friday		
104	04/07/2020	Saturday		
105	05/07/2020	Sunday		
106	06/07/2020	Monday		
107	07/07/2020	Tuesday		
108	08/07/2020	Wednesday		
109	09/07/2020	Thursday		
110	10/07/2020	Friday		
111	11/07/2020	Saturday		
112	12/07/2020	Sunday		
113	13/07/2020	Monday		e-content on Photoelectric Effect (https://youtu.be/KSR-hikSOwY)
114	14/07/2020	Tuesday		
115	15/07/2020	Wednesday		
116	16/07/2020	Thursday		
117	17/07/2020	Friday		

DR. MAHESHKUMAR LAHU MANE
ASSISTANT PROFESSOR AND HEAD,
DEPARTMENT OF PHYSICS AND COMPUTER SCIENCE

SHRI BHAVANI SHIKSHAN PRASHARAK MANDAL OSMANABAD

**SHIKSHAN MAHARSHI GURUVARYA R G SHINDE MAHAVIDYALAYA
PARANDA DIST.OSMANABAD – PIN- 413502**

Dr Shahaji S. Chandanshive

M.Sc,M.Ed,M.Phil,Ph.D.

Assistant Professor & Research Guide

Department of Zoology

SGRG Shinde mahavidyalaya Paranda

Date -17-07-2020

To

The Principal

S.G.R.G. Shinde Mahavidyalaya Paranda

Dist.Osmanabad-413502

Subject :- Submission of Report on Work from Home during 24-03-2020 to 17-07-2020

Respected Madam

With reference to notice received on NAAC Whatsapp group on 17-07-2020 regarding submission of report on “Work from Home” during the period 24-03-2020 to 17-07-2020 .I am Dr Shahaji Shivaji Chandanshive herewith attaching the brief report of activities conducted/participated during the said period .I will submit the proof of all activities as per your order

Please accept and do needful

Thanking You

Your Sincerely

Dr Shahaji Shivaji Chandanshive

**SHIKSHAN MAHARSHI GURUVARYA R G SHINDE MAHAVIDYALAYA
PARANDA DIST.OSMANABAD**

Report on

WORK FROM HOME

(24-03-2020 To 17-07-2020)

- 1) As a Corona Warrior- Awarded by ZEE 24 NEWS LIVE**
- 2) As a Corona Warrior-Awarded by Chava Swarajya Sena
Maharashtra State**
- 3) Two Weeks FDP on “Managing Online Classes and Co-Creating
Moocs”on dated 20-04-2020 to 06-05-2020
Teaching Learning Centre Ramanujan College University of Delhi
Govt.of India
Ministry of Human Resource Development (MHRD)**
- 4) Two days FDP on “Migration of IT INFRA Using Cloud on dated
20,21 -05-2020 Poornima PIET, Jaipur.**
- 5) One Week National Level Online FDP on Covid 19 : Issues,
Challenges and Interventions in the Contemporary Crises on
dated 30-04-2020 to 06-05-2020 Govt.First Grade College
Banglore**
- 6) One Week National FDP on LaTeX Sanjay Ghodawat University
Kolhapur on dated 27-04-2020 to 02-05-2020**
- 7) Online Workshop on LaTeX – MIT College of Railway Engineering
and Research Barshi on dated 14-05-2020 to 17-05-2020**
- 8) International E Conference on Strategies & Challenges in Higher
Education during Covid-19 Lockdown Period in India with
reference to the World on dated 15-05-2020 to 17-05-2020**

- 9) One Week Online Interdisciplinary Certificate Course on Basics of Organic Farming on dated 17-05-2020 to 23-05-2020**
- 10) Cyber Security & Embedded System –Jeppiaar Institute of Technology on dated 26-05-2020 to 27-05-2020**
- 11) Attended Online Faculty Development Programme on – Research Among Youth 2020 on dated 28-05-2020 to 03-06-2020**
- 12) Three Day Workshop on NAAC Assessment and Accreditation:A Step by step Process on dated 28-05-2020 to 30-05-2020**
- 13) Five Days FDP on Evolution from Offline to Online Teaching on dated 30-05-2020 to 03-06-2020 Satish Pradhan
Dnyansadhana College Thane**
- 14) Two Days FDP National Webinar on Analytical and Diagnostic Tools in Chemical and Life Sciences on dated 05-06-2020 to 06-06-2020
Andhra University Vishakhapatnam**
- 15) Two Days International Webinar on Altrnative Assessment and Evaluation in Teacher Education on dated 15-06-2020 to 16-06-2020
Mahatma Gandhi International Hindi University Vardha**
- 16) Yoga Awarness Programme 2020 -20-06-2020 to 27-06-2020
Shrikrishna College Gunjoti**
- 17) Three Days National Workshop on : Blended Learning Approaches in Biosciences “on dated 28-06-2020 to 30-06-2020
Microbiologist Society India.**

Sr.No.	Date	Day	Activity	Venue
1	24/03/2020	Tuesday	NAAC Work	College
2	25/03/2020	Wed	NAAC Work	College
3	26/03/2020	Thur	NAAC Work	College
4	27/03/2020	Fri	Preparation on Book	College
5	28/03/2020	Sat	1-Preparation on Book 2-Article on Jagatik Jal Din	College College
6	29/03/2020	Sun	Preparation on Book	College
7	30/03/2020	Mon	Preparation on Book	College

8	31/03/2020	Tue	NAAC Work	Coolege
9	01/04/2020	Wed	1 -Stay at Home Save Lives Pledge 2-Article on Samajachi Nirpeksha Bhavnene Seva Karnara Maharashtra Police	Home
10	02/04/2020	Thur	Preparation on Book	Home
11	03/04/2020	Fri	NAAC Work	Home
12	04/04/2020	Sat	NAAC Work	Home
13	05/04/2020	Sun	NAAC Work	Home

14	06/04/2020	Mon	1-NAAC Work 2- Participation Covid-19 Awareness Quize 3- Participation in ANIS Online Survey	Home
15	07/04/2020	Tue	Preparation on Book	Home

16	08/04/2020	Wed	Preparation on Book	Home
17	09/04/2020	Thur	Preparation on Book	Home
18	10/04/2020	Fri	Preparation on Book	Home
19	11/04/2020	Sat	Preparation on Book	Home
20	13/04/2020	Mon	NAAC Work	Home
21	14/04/2020	Tues	Celebration Birth Anniversary Day of Dr B R Ambedkar	Home
22	15/04/2020	Wed	NAAC Work	Home
23	16/04/2020	Thur	Online Quize on Covid 19 Y C College Tuljapur	Home

24	17/04/20202	Fri	1-Participation in Covid -19 Quize Maharashtra College Nilanga 2-Youth Pledge	Home
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			My Gov 3-Janata –curfew Pledge My Gov 4-E-Waste Pledge My Gov 5-Preamble To Constitution My Gov	
25	18/04/2020	Sat	Participation in Covid-19 Quiz Kohinoor Arts,Commerce abd Science College Khultabad	Home
26	19/04/2020	Sun	1-Participation in Covid-19 Quiz Kohinoor Arts,Commerce abd Science College Khultabad 2- Participation in Untitled Quize 3-Corona awrness Quize programme Miraj College Miraj 3-Co-Ordinator Corona Awarness programme SGRG Shinde College Paranda	Home
27	20/04/2020	Mon	1-Covid-19 Quize ASC College Naldurg 2-Corona Awarness programme SGRG Shinde College Paranda	Home
28	21/04/2020	Tue	1-TB Free India Pledge My Gov	Home

			2-Rashtriya Ekta Divas My Gov 3-Fuel Conservation Pledge My Gov 4- Fight Against Corona My Gov 5- Covid -19 Pandemic Awareness Online Quiz Dr Rafiq Zakeria College for Women Aurangabad	
29	22/04/2020	Wen	Covid-19 Awareness Programme Sunderrao Solanke College Majalgaon	Home
30	23/04/2020	Thu	1-Covid -19 awareness programme Quiz Bankat Swami College Beed 2-Lal Bahadur Shastri College Dharmabad 3-Tarai college of Art and Science ,Paithan 4- Smt.S K Gandhi Arts,Amolak Science &P H Gandhi Commerce College Kada	
31	24/04/2020	Fri	Online Questionary on Dr BR Ambedkar	Home

32	25/04/2020	Sat	Preparation on Book	Home
33	27/04/2020	Mon	Preparation on Book	Home

34	28/04/2020	Tue	Preparation on Book	Home
35	29/04/2020	Wed	1-Preparation on Book 2-FDP on Out Come Based Education Inpods	Home
36	30/04/2020	Thu	1-Preparation on Book 2- Article on Dnyanopasak Ani Kriyashil Neta Dr Babasaheb Ambedkar	Home
37	01/05/2020	Fri	Maharashtra Din	Home
38	02/05/2020	Sat	Preparation on Book	
39	04/05/2020 To 06/05/2020	Mon To Wed	Manthan on Covid -19 Govt.First Grade College Hesaraghatta Banglore	Home

40	05/05/2020	Tue	1-Covid -19 Awarness programme Sindhudurg Bharat Scout and Guides 2-Sant Ramdas Arts,commerce and Science College Ghansawangi	Home
41	06/05/2020	Wed	Preparation on NAAC and Book	Home
42	07/05/2020	Thu	Preparation on Book	Home
43	08/05/2020	Fri	Preparation on Book	Home
44	09/05/2020	Sat	Preparation on Book	Home
45	11/05/2020	Mon	National Webinar on Empowering Teacher with Moodles LMS NYNC College Chalisgaon	Home
46	12/05/2020	Tue	Preparation on Book	Home
47	13/05/2020	Wed	1-National Level FDP on MOOCs E-Learning	Home

			and E- Content in Higher Education Organised by Govt.FirstGrade College for Women Chamarajapet,Banglore 2-National Webinar on Strtegies for Extension as a Social aresponsibility: Perspectives of Higher Education Savitribai Phule University Pune 3- Covid -19 Awarness Programme Amrutvahini College of Engineering Sangamner. 4- Online Quize Competition in Zoology Dr Homi Bhabha State University Mumbai.	
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48	14/05/2020	Thu	Preparation on Book	Home
49	15/05/2020	Fri	1-Quiz on Quality Management AISSMS College of Engineering Pune 2-Webinar on Assessment & Evaluations in the wake of Covid -19 R S College Latur	Home
50	16/05/2020	Sat	Preparation on Book and NAAC Work	Home
51	17/05/2020	Sun	Webinar on Write & Publish in High Impact Journals AMP	Home
52	18/05/2020	Mon	Quize on DIU and Daman	Home
53	19/05/2020	Tue	NAAC Work	Home

53	20/05/2020	Wed	Webinar on CAS PROMOTION and ISSUES	Home
54	21/05/2020	Thu	Preparation on Book and NAAC Work	Home

55	22/05/2020	Fri	1-Covid-19 General Awareness Quiz Padmshri Vikhe Patil College of Arts ,Science and Commerce College Pravaranagar 2- National Webinar on Biodiversity Conservation and Sustainable Development R S Govt. College Chhindwara MP 3- Online Questionnaires on Covid -19: General Awareness Programme Lyallpur Khalsa College Jalandhar, Punjab 4- Webinar on Bio-Diversity Mannar Thirumalai Naicker College Madurai	Home
56	23/05/2020	Sat	OLA Webinar on Research Data Management Odisha Library Academy	Home
57	24/05/2020	Sun	Covid -19 Awareness Quiz Bipin Bihari College Jhanshi UP	Home
58	25/05/2020	Mon	1-Webinar on Careers in Financial Planning.Considering impact of Pandemic L S Raheja College of Arts & Commerce Santacruz Mumbai 2- Short term course –Advanced e- mail Features and Compositions. 3- International Webinar on “ Art of writing research Review/ Articles for Publishing in Peer Reviewed Journals : MES College ERUMELY ,Kerala	Home
59	26/05/2020	Tue	1-Webinar on Insights into Machine Learning SCAD College of Engineering & Tech.Cheranmahadevi,Tirunelveli,Vellore 2- Online General Science Quiz Subhash Baburao Kul Arts, Commerce and Science College Kedgaon –Pune	Home

			3- National Webinar on –Criteria III- Research, Innovation and Extension- Its Challenges as per NAAC New Guidelines	
60	27/05/2020	Wed	1-Webinar on : Face Mask Detector With Open CV /Tensor Flow and Deep Learning Shri Indu College of Engineering and Tech.Sheriguda Hyderabad 2- Webinar on –Survival of the Fittest post Covid-19 SCAD College of Eng.& Tech.Cheranmahadevi 3- National Level Webinar on – SKILLS TO SUCCESS Govt.Degree College for Women Jagtial	Home
61	28/05/2020	Thu	1-Webinar on 5 G Technology and its Applications SRI VASAVI Institute of Eng.& Tech Nandamuru,Pedana,Krishna –AP 2-International Level FDP on – Mental Welbeing in Personal and Professional Life Nehru Institute of Management Studies ,Thirumalayampalayam,Coimbatore	Home
62	29/05/2020	Fri	1-National Webinar on –Use of Modern Technology in Daily Teaching-The Need of the Hour Vaishnavi Mahavidyalaya Wadwani Beed 2-Webinar on – Being a Digital Entrepreneur SCAD College of Eng.& Technology Cheranmahadevi	Home

63	30/05/2020	sat	Online Course –G-Suite For Education	Home
64	01/06/2020	Mon	Preparation on Book	Home
65	02/06/2020	Tue	National Webinar on-The Lockdown on our Eco-System SGK Govnt.Degree College Vinukonda Guntur AP	
66	03/06/2020	Wed	1-Webinar on –Trends in Waste Water Treatement System PET Engineering College Vallioor Tirunelveli tamil Nadu 2-International Virtual Conference on – NOVEL CORONA AND NOVEL	Home

			CHALLENGES :LIFE AHEAD WITH COVID 19 Shri Guru Gobind Singh College Chandigarh	
67	04/06/2020	Thu	1-Quiz on Environmental Science SGRG Shinde College Paranda 2-Online Quiz DAV College Jalandhar	Home
68	05/06/2020	Fri	State Level Webinar on –Learning Outcomes Base Credit Curriculum framework in Zoology Late Ku.Durga K.Banmeru Science College Lonar	Home
69	06/06/2020	Sat	Preparation on Book	Home
70	08/06/2020	Mon	Webinar on-Unseen Kokan G R Patil College of Arts,Commerce Science & B M S Mumbra Thane	Home

71	09/06/2020	Tue	Preparation on Book	Home
72	10/06/2020	Wed	Preparation on Book	Home
73	11/06/2020	Thu	Preparation on Book	Home
74	12/06/2020	Fri	Preparation on Book	Home
75	13/06/2020	Sat	National Level E- Quiz on Environment and Biodiversity	Home
76	15/06/2020 16/06/2020	Mon Tue	Opening of College-Meeting International Webinar on –Alternative Assessment and Evaluation in Teacher Education Mahatma Gandhi International Hindi University Vardha	College Home
77	17/06/2020	Wed	1-Webinar on – Impacts of Machine Learning on IOT SCAD Cherenmahadevi Tirunelveli 2-Webinar on –Cross Skill Training – Need of Changing Industry Poornima Inst.of Eng.& Technology PIET Jaipur	Home
78	18/06/2020	Thu	Webinar on Impact of Covid-19 on Indian Higher Education Govt.First Grade College Vijaynagar Bengaluru	Home

79	19/06/2020	Fri	Preparation on Book	Home
80	20/06/2020	Sat	Preparation on Book	Home
81	21/06/2020	Sun	Quiz on International Yoga Day Shivaji College Renapur	Home
82	22/06/2020	Mon	Preparation on Book	Home
83	23/06/2020	Tue	Preparation on Book	Home
84	24/06/2020	Wed	Preparation on Book Break the Stigma My Gov	Home
85	25/06/2020	Thu	Preparation on Book	Home
86	26/06/2020	Fri	Preparation on Book	Home

87	27/06/2020	Sat	1-National Webinar on –The Lonar Creater LateK. Banmeru Science College Lonar 2- National Webinar on- IYAM DHAMMALIPI The Aadhar Multipurpose Social Development Organization Solapur	Home
88	29/06/2020	Mon	National E- Conference on-Recent Aspects in Bio-Sciences Rashtramata Indira Gandhi Arts.Science and Commerce College Jalna	Home
89	30/06/2020	Tue	Preparation on Book	Home
90	01/07/2020	Wed	Preparation on Book	Home
91	02/07/2020	Thu	Preparation on Book	Home
92	03/07/2020	Fri	Workshop on Tarunai ani Stri- Purush Discussion with Students about Admission process	Home
93	04/06/2020	Sat	NAAC Work	Home
94	06/06/2020	Mon	Given Syllabus	College

95	07/07/2020	Tue	Create Whatsapp Group for Students	College
96	08/07/2020	Wed	One Week FDP on- Higher Education 2020:Requirements and Expectation College of Engineering Osmanabad. NAAC Work	College
97	09/07/2020	Thu	One Week FDP on- Higher Education 2020:Requirements and Expectation College of Engineering Osmanabad. NAAC Work	College
98	10/07/2020	Fri	One Week FDP on- Higher Education 2020:Requirements and Expectation College of Engineering Osmanabad. NAAC Work	College

99	11/07/2020	Sat	1-One Week FDP on- Higher Education 2020:Requirements and Expectation College of Engineering Osmanabad. NAAC Work 2- National E Conference on “ Scope of Life Sciences in Disease Management (SLDM 2020) Arts,and Commerce College Ramanandnagar (Burli)Sangli. 3- National Level Quiz on World Population Day Arts,Science and Commerce College Khardi,Dalkhan,Thane. 4- Webinar on –Dr Rafiq Zakeria : A Social Transformer, Renowed Educationalist & Architect of Modern Aurangabad Dr Rafiq Zakeria College Aurangabad.	College
100	12/07/2020	Sun	One Week FDP on- Higher Education 2020:Requirements and Expectation College of Engineering Osmanabad. NAAC Work	College
101	13/07/2020	Mon	1-International Webinar on –Energy and Environment Govt.Maharani Laxmi Bai Girls P G College Indore 2-NAAC Work	College
102	14/07/2020	Tue	1-NAAC Work 2-International Webinar on –Energy and Environment Govt.Maharani Laxmi Bai Girls P G College Indore	College

103	15/07/2020	Wed	1-Webinar on-Towards Excellence in Higher Education in India in 21 Century Dr B R Ambedkar National Institute of Technology Jalandhar . 2- NAAC Work 3- Online Seminar on –Neural Circuits for Escape Exploratory Behavior DAV College Jalandhar.	College
104	16/07/2020	Thu	Webinar on – Biodiversity Conservation and its Management P G College Ujjain	College

			Preparation on Book	
105	17/07/2020	Fri	Lecture on Zoom B.Sc.III -Ecology	Home

Dr Shahaji S Chandanshive

Assistant Professor & Research Guide

Department of Zoology

SGRG Shinde Mahavidyalaya Paranda

Mob-9421444801.9834758709

DATE: 27th August 2020

To,
The Principal,
S. G. R. G. Shinde Mahavidyalaya,
Paranda, Dist. Osmamabad 413502

Subject: Submission of report on online teaching.

Respected Madam,

With reference to notice received on NAAC WhatsApp group on 27/08/2020 regarding submission of report on “online teaching” and difficulties faced by teachers and students during online teaching / learning. I am herewith attaching the brief report of activities conducted for online teaching. I will submit the proof of all activities whenever asked.

Please accept and do needful.

Thanking You.

Yours Sincerely

Dr. Maheshkumar L. Mane

SHIKSHAN MAHARSHI R. G. SHINDE MAHAVIDYALAYA, PARANDA, DIST. OSMANABAD- 413502

Department of Physics

Syllabus Completion Status: AY 2020-21

Sr. No.	Name of Class	Paper number and paper Name	Chapter covered	Number of students admitted in class		YouTube Links
				WhatsApp group	Google Classroom	
1.	B. Sc. S.Y.	Paper VIII: Modern and Nuclear Physics	1. Photoelectric effect	24	08	https://youtu.be/-OS9Oh-hN6o https://youtu.be/TKq8rckR7tY https://youtu.be/VztSxS6rmsc
2.		Paper VII: Mathematical and Statistical Physics and Relativity	Syllabus provided	24	08	
3.	B. Sc. T.Y.	Paper XVI: Electrodynamics	1. Electrostatics (Notes provided)	12	11	
4.		Paper XV: Classical & Quantum Mechanics	Syllabus provided	12	11	

General Videos uploaded on YouTube

1. <https://youtu.be/Sdk3XkkKPg8>
2. <https://youtu.be/nQPIANSgk5M>

Due to network availability / issues at student's side I have not conducted online lectures but provided study material on WhatsApp group and Google Classroom also recorded videos uploaded on YouTube.