



**Marathwada Shikshan Prasarak Mandal's**

## **Sunderrao Solanke Mahavidyalaya, Majalgaon**



### **INTERNAL QUALITY ASSURANCE CELL**

#### **CRITERION 2 – TEACHING-LEARNING EVALUATION**

##### **2.3 Teaching-Learning Process**

**2.3.1 Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences using ICT tools**

#### **Remedial Coaching of the Institute**



Marathwada Shikshan Prasarak Mandal's

## Sunderrao Solanke Mahavidyalaya, Majalgaon

### Remedial Coaching of the Institute

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**Coordinator**  
Internal Quality Assurance Cell (IQAC)  
Sunderrao Solanke Mahavidyalaya,  
Majalgaon, Dist. Beed (MS)



**PRINCIPAL**  
Sunderrao Solanke Mahavidyalaya  
Majalgaon Dist. Beed (M.S.)



Marathwada Shikshan Prasarak Mandal's

**Sunderrao Solanke Mahavidyalaya**

**Majalgaon, Dist. Beed**

Estd. 1971



**REMEDIAL COACHING**

**Academic Year 2021-22**

DEPARTMENT OF Mathematics

**Marathwada Shikshan Prasarak Mandal's**

**Sunderrao Solanke Mahavidyalaya  
Majalgaon, Dist. Beed**

**Time Table for Remedial Course  
Academic Year 2021-22**

Day	Subject	Time	Hall No.
Monday	Mathematics	5 to 6	71
Tuesday	Mathematics	5 to 6	71
Wednesday	Physics	5 to 6	71
Thursday	Physics	5 to 6	71
Friday	Chemistry	5 to 6	71
Saturday	Chemistry	5 to 6	71

## SYLLABUS FOR REMEDIAL COURSE

### UNIT I: SETS & FUNCTIONS

#### 1. SETS

Sets & their representations, Empty set, Finite & Infinite sets. Equal sets, Subsets. Subsets of the set of real numbers especially intervals, Power set, Universal set, Venn diagrams. Union & intersection of sets, Difference of sets. Complement of a set, Properties of Complement sets.

#### 2. RELATIONS & FUNCTIONS

Ordered pairs, Cartesian product of sets, Number of elements in the Cartesian product of two finite sets, Cartesian product of the reals with itself (upto  $R \times R \times R$ ), definition of relation, pictorial diagrams, domain, co-domain & range of a relation. Function as a special kind of relation from one set to another, pictorial representation of a function, domain, co-domain & range of a function. Real valued function of the real variable, domain & range of these functions, constant, identity, polynomial, rational, modulus, signum & greatest integer functions with their graphs

Types of relations: Reflexive, symmetric, transitive & equivalence relations, one to one & onto functions, composite functions, inverse of a function. Binary operations

### UNIT II: ALGEBRA

#### 1. PRINCIPLE OF MATHEMATICAL INDUCTION

Process of the proof by induction, the principle of mathematical induction & simple applications

#### 2. PERMUTATIONS & COMBINATIONS

Fundamental principle of counting, Factorial n. Permutations & combinations

#### 3. BINOMIAL THEOREM

History, statement of the binomial theorem for positive integral indices, Pascal's triangle

### UNIT III: CALCULUS

#### 1. LIMITS & DERIVATIVES

Derivative introduced as rate of change both as that of distance function & geometrically, intuitive idea of limit, Definition of derivative, relate it to slope of tangent of the curve, derivative of sum, difference, product & quotient of functions. Derivatives of polynomial & trigonometric functions

## 2. CONTINUITY & DIFFERENTIABILITY

Continuity & differentiability, derivative of composite functions, chain rule, derivatives of inverse trigonometric functions, derivative of implicit function. Concepts of exponential, logarithmic functions, Logarithmic differentiation

## 3. APPLICATIONS OF DERIVATIVES

Applications of derivatives: Rate of change, increasing/decreasing functions, tangents & normals, approximation, maxima & minima, Simple problems

### UNIT IV: GEOMETRY -

#### 1. STRAIGHT LINES


Brief recall of 2-D from earlier classes, shifting of origin, Slope of a line & angle between two lines, Various forms of equations of a line: parallel to axes, point-slope form, slope-intercept form, two-point form, intercepts form & normal form. General equation of a line, Equation of family of lines passing through the point of intersection of two lines, Distance of a point from a line

#### 2. INTRODUCTION TO THREE-DIMENSIONAL GEOMETRY

Coordinate axes & coordinate planes in three dimensions, Coordinates of a point. Distance between two points & section formula

### UNIT V: MATHEMATICAL REASONING

Mathematically acceptable statements, Connecting words/phrases - consolidating the understanding of "if & only if (necessary and sufficient) condition", "implies", "and/or", "implied by", "and", "or", "there exists" & their use through variety of examples related to real life & Mathematics, Validating the statements involving the connecting words - difference between contradiction, converse & contra positive




**Professor & Head**  
**Dept. of Mathematics**  
Sunderrao Solanke Mahavidyalaya  
Majalgaon Dist. Beed.



**M. S. P. Mandal's**  
**Sunderrao Solanke Mahavidyalaya Majalgaon**  
**Department of Mathematics**  
B. Sc. F. Y. student list for academic list 2021-22  
**Remedial course**

1.	Name
2.	BHARASKAR SANKET GORAKNATH
3.	CHANDANE SANKET DATTATRAY
4.	CHAVAN SANTOSH BANSIDHAR
5.	CHOPADE SUMIT SUBHASH
6.	DAKE DNYANESHWARI DATTATRAY
7.	DAKE SURAJ SANTOSH
8.	DHIRDE MADHURI AVINASH
9.	DHISALE AJAY SANJAY
10.	FULAGE AISHWARYA ASARAM
11.	FULAGE PRIYANKA BALIRAM
12.	FULAGE SUPRIYA BHAURAO
13.	GAIKWAD GANESH MAHADEV
14.	GAIKWAD NIKITA KASHINATH
15.	GAVALI RANI RANGNATH
16.	GHODKE SHITAL BHIMRAO
17.	JADHAV GOVIND GAJENDRA
18.	JAGTAP SUNIL DEVIDAS
19.	JANGLE UMESH SADANAND
20.	KADAM RAJESH MAHADEV
21.	KHANDAGALE ANIKET BAJIRAO
22.	KOLHE VISHAL SANDIPAN
23.	KOLHE VISHAL VILAS
24.	KURE AARTI GANESHRAO
25.	LANGADE SAMIKSHA SITARAM
26.	MAHATME KALYANI VISHVAS
27.	MANE PRATIKSHA YUVRAJ
28.	MASKE SNEHAL SANJAY
29.	MUNJAHARI MANE TULSIRAM
30.	NAKHATE SAKSHI ASHOK
31.	PATHAN AYESHA LATEEF
32.	RATHOD ASHWINI SUBHASH
33.	SHAIKH ALIM RASUL
34.	SHAIKH ARBAJ RASUL
35.	SHAIKH NAJIYA RAMJAN
36.	SHEJOL VAISHNAVI SANJAY
37.	SHELKE SUMIT DATTA
38.	SHINGARE KALYANI RAMRAO
39.	SOJE MAYURI ANGAD
40.	SOJE SARIKA RAMNATH
41.	TAKAT SUNIL SITARAM
42.	THOMBARE PALLAVI PARMESHWAR
43.	WAGHMARE PRATIKSHA YUVRAJ

  
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**Department of Mathematics**  
 B. Sc. F. Y. Attendance List for academic list 2021-22  
**Remedial course**

Sr. No.	Name	Month														
		1/11/2021	2/11	8/11	9/11	15/11	16/11	22/11	23/11	29/11	30/11	6/12	7/12	13/12	14/12	20/12
1.	Name															
2.	BHARASKAR SANKET GORAKNATH	P	P	P	P	A	A	P	P	P	P	A	P	P	A	P
3.	CHANDANE SANKET DATTATRAY	A	P	P	A	A	P	P	P	P	P	P	P	P	P	A
4.	CHAVAN SANTOSH BANSIDHAR	P	P	P	A	P	P	P	P	P	P	P	P	A	A	A
5.	CHOPADE SUMIT SUBHASH	P	A	P	P	A	P	P	P	P	A	P	A	P	P	P
6.	DAKE DNYANESHWARI DATTATRAY	P	A	P	P	A	P	A	P	P	A	P	P	A	A	P
7.	DAKE SURAJ SANTOSH	P	P	P	P	P	A	A	P	A	P	A	A	P	P	P
8.	DHIRDE MADHURI AVINASH	P	P	P	P	P	A	A	P	A	P	P	P	P	P	P
9.	DHISALE AJAY SANJAY	P	P	A	P	P	P	P	P	P	P	P	A	A	P	P
10.	FULAGE AISHWARYA ASARAM	P	A	P	P	A	P	P	A	P	P	P	P	P	A	P
11.	FULAGE PRIYANKA BALIRAM	P	A	P	A	A	P	P	P	P	P	P	P	A	P	A
12.	FULAGE SUPRIYA BHAURAO	P	P	P	P	A	P	P	P	P	P	A	A	P	P	A
13.	GAIKWAD GANESH MAHADEV	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P
14.	GAIKWAD NIKITA KASHINATH	P	P	A	P	A	P	P	A	P	P	P	P	P	P	P
15.	GAVALI RANI RANGNATH	P	A	P	P	A	P	P	A	A	P	P	A	P	P	P
16.	GHODKE SHITAL BHIMRAO	P	A	P	P	P	P	P	A	A	P	A	P	P	P	A
17.	JADHAV GOVIND GAJENDRA	A	P	P	P	A	A	P	P	P	P	P	P	P	P	P
18.	JAGTAP SUNIL DEVIDAS	P	P	P	P	P	P	P	P	P	A	P	A	P	P	A
19.	JANGLE UMESH SADANAND	P	P	P	P	A	A	P	P	P	A	A	P	P	P	P
20.	KADAM RAJESH MAHADEV	P	A	P	P	P	P	A	A	A	A	P	P	P	P	P



21.	KHANDAGALE ANIKET BAJIRAO	P	P	A	P	P	P	P	P	A	A	P	P	P	A	P
22.	KOLHE VISHAL SANDIPAN	P	A	A	P	A	A	P	P	P	P	A	A	P	A	
23.	KOLHE VISHAL VILAS	P	P	A	P	A	P	P	P	A	P	A	A	P	A	
24.	KURE AARTI GANESHRAO	A	P	P	P	A	P	P	A	A	A	P	A	A	P	P
25.	LANGADE SAMIKSHA SITARAM	A	P	P	P	P	A	A	P	P	P	P	P	A	P	
26.	MAHATME KALYANI VISHVAS	P	P	A	P	P	P	P	P	A	P	A	P	A	P	P
27.	MANE PRATIKSHA YUVRAJ	P	A	P	A	P	P	P	P	A	P	A	P	P	P	P
28.	MASKE SNEHAL SANJAY	A	P	P	A	P	P	P	A	P	P	A	P	P	A	A
29.	MUNJAHARI MANE TULSIRAM	P	P	P	P	P	A	P	P	P	A	P	P	A	A	A
30.	NAKHATE SAKSHI ASHOK	P	A	P	P	P	A	P	P	P	A	P	P	A	P	P
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33.	SHAIKH ALIM RASUL	P	P	A	P	P	A	P	P	P	P	P	A	P	P	A
34.	SHAIKH ARBAJ RASUL	P	P	A	P	P	A	P	P	P	A	P	A	P	P	A
35.	SHAIKH NAJIYA RAMJAN	P	P	P	A	P	P	P	P	P	A	A	A	P	P	P
36.	SHEJOL VAISHNAVI SANJAY	P	P	P	P	A	P	A	A	P	P	A	P	A	P	P
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38.	SHINGARE KALYANI RAMRAO	P	P	A	P	P	P	P	P	P	P	P	P	P	A	A
39.	SOJE MAYURI ANGAD	P	P	P	P	A	P	P	P	P	A	A	P	P	P	A
40.	SOJE SARIKA RAMNATH	P	P	P	P	A	P	A	P	A	A	A	P	P	A	P
41.	TAKAT SUNIL SITARAM	A	P	P	P	P	P	P	P	A	P	P	P	A	P	P
42.	THOMBARE PALLAVI PARMESHWAR	P	P	P	P	P	P	P	A	A	P	P	P	A	P	P
43.	WAGHMARE PRATIKSHA YUVRAJ	P	A	P	P	P	P	P	A	P	A	A	P	P	P	P

  
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**REMEDIAL COACHING**

**Academic Year 2019-20**


DEPARTMENT OF Mathematics

Marathwada Shikshan Prasarak Mandal's

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Applications of derivatives: Rate of change, increasing/decreasing functions, tangents & normals, approximation, maxima & minima, Simple problems

## **UNIT IV: GEOMETRY -**

### **1. STRAIGHT LINES**


Brief recall of 2-D from earlier classes, shifting of origin, Slope of a line & angle between two lines, Various forms of equations of a line: parallel to axes, point-slope form, slope-intercept form, two-point form, intercepts form & normal form. General equation of a line, Equation of family of lines passing through the point of intersection of two lines, Distance of a point from a line

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**Department of Mathematics**  
 B. Sc. F. Y. student list for academic list 2019-20  
**Remedial course**

1.	Name
2.	AABUJ RUPALI SANDIPAN
3.	AAGE MOHINI SANDIPAN
4.	AAGE POOJA PARAJI
5.	ABUJ SANDEEP MADHUKAR
6.	BARDE ANIL ASHRUBA
7.	BOCHARE PRAKASH RAJENDRA
8.	BORKHADE MAULI SANDIPAN
9.	BOTWE MAHESH RAGHUNATH
10.	CHAVAN SHAMAL ARJUN
11.	CHAVAN KESHAV ATMARAM
12.	DESHMUKH MOHINI BALASAHEB
13.	DHAGE GANESH SHIVAJI
14.	DHANWADE JYOTI BANDU
15.	GAIKWAD DIKSHA ANURATH
16.	GAIKWAD KOMAL NAVNATH
17.	GAVTE PRAVIN RAJEBHAU
18.	GHONGANE SHITAL KHANDU
19.	GHUNGASE ANJALI GANGADHAR
20.	GHUNGASE NAGNATH VITTHAL
21.	GORE SWATI SOPAN
22.	HAJARE VISHAL GORAKH
23.	INGOLE DEEPAK ANURATH
24.	JADHWAR SWATI MAHADEV
25.	KADAM RACHIKET KALIDAS
26.	KATARE DADASAHEB VASANT
27.	KOLHE VAISHNAVI SAKHARAM
28.	LUCHARE SEEMA RAJENDRA
29.	NAIKNAWARE ANJALI ASHOK
30.	PALKAR RUTUJA VITTHAL
31.	PAWAR ASHOK SHIVAJI
32.	PAWAR ASHWINI RAMESH
33.	PAWAR SUNITA BHAGWAN
34.	POTE SHIVANI AMOL
35.	RATHOD BHIMASHANKAR BABURAO
36.	RAUT ASHOK VISHNU
37.	RAUT KIRAN MACHINDRA
38.	RAUT PRADIP DINESH
39.	SARVADE RAMHARI MAROTI
40.	SELUKAR VISHAL VILAS
41.	SHAIKH NADEEM NISAR
42.	SHAIKH SAHIL AYYUB
43.	SHENDGE DIVYA ARUN
44.	SHENDGE NARAYAN BAPPA
45.	SHINDE RITURAJ RAVINDRA
46.	SHINDE SHUBHAM RAM
47.	SHINDE VISHWAJEET SHIVAJI

48.	SOJE DNYANESHWARI DHARMRAJ
49.	SOLANKE GANESH BANDOPANT
50.	SONWANE KARAN SURESH
51.	SYED KAMEL GAYAS
52.	UGALE PRATIK PRAKASHRAO
53.	UJAGARE VARSHA BABASAHEB
54.	VAIRAGE KISHOR CHANDRAKANTRAO
55.	WAGHMARE VAIBHAV MADHUSUDAN
56.	WANKHEDE NIKHIL JITENDRA



**Professor & Head**  
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**M. S. P. Mandal's**  
**Sunderrao Solanke Mahavidyalaya Majalgaon**  
**Department of Mathematics**  
 B. Sc. F. Y. Attendance List for academic list 2019-20  
**Remedial course**

Sr. No.	Name	Month														
		1/7/2019	2/7	8/7	9/7	15/7	16/7	22/7	23/7	29/7	30/7	5/8	6/8	12/8	13/8	20/8
1.	Name															
2.	AABUJ RUPALI SANDIPAN	P	P	P	A	A	A	P	P	P	P	P	P	P	A	P
3.	AAGE MOHINI SANDIPAN	A	A	P	P	P	P	P	P	A	P	A	P	P	P	P
4.	AAGE POOJA PARAJI	P	P	P	A	P	P	P	P	A	P	P	P	P	P	P
5.	ABUJ SANDEEP MADHUKAR	A	P	P	P	A	P	A	P	P	P	A	P	P	P	P
6.	BARDE ANIL ASHRUBA	P	P	A	P	P	P	A	P	A	P	P	P	A	P	P
7.	BOCHARE PRAKASH RAJENDRA	P	P	P	P	A	P	P	P	A	A	P	P	P	P	A
8.	BORKHADE MAULI SANDIPAN	P	P	P	P	P	P	P	A	P	P	P	P	P	A	A
9.	BOTWE MAHESH RAGHUNATH	P	P	A	A	P	P	P	P	A	P	A	P	P	P	P
10.	CHAVAN SHAMAL ARJUN	A	P	P	P	A	P	P	P	P	P	A	A	A	P	P
11.	CHAVAN KESHAV ATMARAM	P	P	P	A	A	P	P	P	P	P	P	A	A	P	P
12.	DESHMUKH MOHINI BALASAHEB	P	P	P	P	P	P	P	P	A	A	A	A	P	P	P
13.	DHAGE GANESH SHIVAJI	A	P	P	P	P	A	A	A	P	P	P	P	A	A	P
14.	DHANWADE JYOTI BANDU	P	P	P	A	A	A	P	P	P	A	A	P	P	P	P
15.	GAIKWAD DIKSHA ANURATH	P	P	P	P	A	A	A	P	P	A	A	P	P	A	A
16.	GAIKWAD KOMAL NAVNATH	P	P	P	A	A	A	P	P	P	P	P	P	P	A	A
17.	GAVTE PRAVIN RAJEBHAU	P	P	P	P	A	A	A	P	P	P	P	P	P	P	P
18.	GHONGANE SHITAL KHANDU	P	P	P	P	A	A	A	P	P	P	P	P	P	A	P
19.	GHUNGASE ANJALI GANGADHAR	P	P	P	P	A	A	A	P	P	P	P	P	A	P	P
20.	GHUNGASE NAGNATH VITTHAL	P	P	P	P	P	A	A	P	P	P	P	P	A	A	A



21.	GORE SWATI SOPAN	P	P	P	P	P	P	P	P	P	P	P	A	A	A	P		
22.	HAJARE VISHAL GORAKH	A	A	P	P	P	P	P	P	P	P	P	P	A	P	P		
23.	INGOLE DEEPAK ANURATH	P	P	A	P	P	A	P	P	A	P	P	P	P	P			
24.	JADHWAR SWATI MAHADEV	P	P	A	P	P	P	P	A	P	P	P	A	P	P			
25.	KADAM RACHIKET KALIDAS	A	P	P	P	A	P	P	P	P	P	P	P	A	A	A		
26.	KATARE DADASAHEB VASANT	P	P	A	P	P	P	A	P	P	P	P	A	P	P	P		
27.	KOLHE VAISHNAVI SAKHARAM	P	P	A	P	P	P	P	A	P	P	P	A	P	P	P		
28.	LUCHARE SEEMA RAJENDRA	P	P	A	P	P	P	A	P	P	P	A	P	P	P			
29.	NAIKNAWARE ANJALI ASHOK	P	P	P	P	A	A	P	P	P	P	P	A	P	P	A		
30.	PALKAR RUTUJA VITTHAL	A	A	P	P	P	P	P	A	P	P	P	P	P	P	P		
31.	PAWAR ASHOK SHIVAJI	P	P	A	P	P	P	P	P	A	P	P	P	A	P	P		
32.	PAWAR ASHWINI RAMESH	A	P	A	P	P	P	P	P	P	P	P	A	P	P	A		
33.	PAWAR SUNITA BHAGWAN	P	P	P	A	P	P	P	P	A	A	P	A	P	A	A		
34.	POTE SHIVANI AMOL	P	P	P	P	A	P	P	A	P	A	P	P	P	A	A		
35.	RATHOD BHIMASHANKAR BABURAO	P	P	P	P	A	P	P	A	P	P	P	P	A	P	P		
36.	RAUT ASHOK VISHNU	P	A	A	P	P	A	A	P	P	P	P	P	P	P	A		
37.	RAUT KIRAN MACHINDRA	P	A	P	P	P	P	P	P	A	P	P	P	P	P	P		
38.	RAUT PRADIP DINESH	P	P	P	A	P	P	P	P	A	P	P	P	P	P	A		
39.	SARVADE RAMHARI MAROTI	P	P	P	P	A	P	P	P	P	A	P	P	P	P	P		
40.	SELUKAR VISHAL VILAS	A	P	P	P	P	P	A	P	P	A	P	P	A	P	A		
41.	SHAIKH NADEEM NISAR	A	P	A	P	P	A	P	P	P	P	P	P	P	A	P		
42.	SHAIKH SAHIL AYYUB	A	P	P	P	P	P	P	P	A	A	P	A	P	A	P		
43.	SHENDGE DIVYA ARUN	P	A	P	P	A	P	P	P	P	A	A	A	P	P	P		
44.	SHENDGE NARAYAN BAPPA	P	P	P	A	P	P	A	P	P	P	P	P	P	P	P		
45.	SHINDE RITURAJ RAVINDRA	P	P	P	A	P	P	P	P	A	P	P	P	P	A	P		
46.	SHINDE SHUBHAM RAM	P	P	P	P	P	A	P	A	P	P	P	P	P	P	P		
47.	SHINDE VISHWAJEET SHIVAJI	P	P	P	A	P	A	P	P	P	P	A	P	P	A	P		



48.	SOJE DNYANESHWARI DHARMRAJ	P	P	A	A	A	P	P	P	P	P	A	P	P	A	A
49.	SOLANKE GANESH BANDOPANT	A	P	P	A	P	P	P	P	A	A	P	P	P	A	P
50.	SONWANE KARAN SURESH	A	A	P	P	P	P	P	A	P	P	P	A	P	P	P
51.	SYED KAMEL GAYAS	P	P	A	P	P	A	P	P	A	A	P	P	A	P	P
52.	UGALE PRATIK PRAKASHRAO	P	P	P	P	A	P	A	P	P	P	A	P	P	P	P
53.	UJAGARE VARSHA BABASAHEB	P	A	P	A	P	P	P	P	A	P	P	P	P	P	P
54.	VAIRAGE KISHOR CHANDRAKANTRAO	P	P	P	P	P	P	P	A	A	P	P	A	P	P	A
55.	WAGHMARE VAIBHAV MADHUSUDAN	P	A	P	P	P	P	P	A	P	P	P	A	P	P	P
56.	WANKHEDE NIKHIL JITENDRA	P	P	P	A	P	P	P	A	P	A	P	P	P	A	A

  
**Professor & Head**  
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Marathwada Shikshan Prasarak Mandal's

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**Majalgaon, Dist. Beed**

Estd. 1971



**REMEDIAL COACHING**

**Academic Year 2018-19**


DEPARTMENT OF Mathematics

Marathwada Shikshan Prasarak Mandal's

**Sunderrao Solanke Mahavidyalaya**  
**Majalgaon, Dist. Beed**

Time Table for Remedial Course  
Academic Year 2018-19

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Monday	Mathematics	5 to 6	71
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Wednesday	Physics	5 to 6	71
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Saturday	Chemistry	5 to 6	71

  
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## SYLLABUS FOR REMEDIAL COURSE

### UNIT I: SETS & FUNCTIONS

#### 1. SETS

Sets & their representations, Empty set, Finite & Infinite sets. Equal sets, Subsets. Subsets of the set of real numbers especially intervals, Power set, Universal set, Venn diagrams. Union & intersection of sets, Difference of sets. Complement of a set, Properties of Complement sets.

#### 2. RELATIONS & FUNCTIONS

Ordered pairs, Cartesian product of sets, Number of elements in the Cartesian product of two finite sets, Cartesian product of the reals with itself (upto  $R \times R \times R$ ), definition of relation, pictorial diagrams, domain, co-domain & range of a relation. Function as a special kind of relation from one set to another, pictorial representation of a function, domain, co-domain & range of a function. Real valued function of the real variable, domain & range of these functions, constant, identity, polynomial, rational, modulus, signum & greatest integer functions with their graphs

Types of relations: Reflexive, symmetric, transitive & equivalence relations, one to one & onto functions, composite functions, inverse of a function. Binary operations

### UNIT II: ALGEBRA

#### 1. PRINCIPLE OF MATHEMATICAL INDUCTION

Process of the proof by induction, the principle of mathematical induction & simple applications

#### 2. PERMUTATIONS & COMBINATIONS

Fundamental principle of counting, Factorial n. Permutations & combinations

#### 3. BINOMIAL THEOREM

History, statement of the binomial theorem for positive integral indices, Pascal's triangle

### UNIT III: CALCULUS

#### 1. LIMITS & DERIVATIVES

Derivative introduced as rate of change both as that of distance function & geometrically, intuitive idea of limit, Definition of derivative, relate it to slope of tangent of the curve, derivative of sum, difference, product & quotient of functions. Derivatives of polynomial & trigonometric functions



## **2. CONTINUITY & DIFFERENTIABILITY**

Continuity & differentiability, derivative of composite functions, chain rule, derivatives of inverse trigonometric functions, derivative of implicit function. Concepts of exponential, logarithmic functions, Logarithmic differentiation

## **3. APPLICATIONS OF DERIVATIVES**

Applications of derivatives: Rate of change, increasing/decreasing functions, tangents & normals, approximation, maxima & minima, Simple problems

## **UNIT IV: GEOMETRY -**

### **1. STRAIGHT LINES**


Brief recall of 2-D from earlier classes, shifting of origin, Slope of a line & angle between two lines, Various forms of equations of a line: parallel to axes, point-slope form, slope-intercept form, two-point form, intercepts form & normal form. General equation of a line, Equation of family of lines passing through the point of intersection of two lines, Distance of a point from a line

### **2. INTRODUCTION TO THREE-DIMENSIONAL GEOMETRY**

Coordinate axes & coordinate planes in three dimensions, Coordinates of a point. Distance between two points & section formula

## **UNIT V: MATHEMATICAL REASONING**

Mathematically acceptable statements, Connecting words/phrases - consolidating the understanding of "if & only if (necessary and sufficient) condition", "implies", "and/or", "implied by", "and", "or", "there exists" & their use through variety of examples related to real life & Mathematics, Validating the statements involving the connecting words - difference between contradiction, converse & contra positive




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**M. S. P. Mandal's**  
**Sunderrao Solanke Mahavidyalaya Majalgaon**  
**Department of Mathematics**  
 B. Sc. F. Y. student list for academic list 2018-19  
**Remedial course**

Sr. No.	Name
1.	AAGE HARIRAM VISHNU
2.	AAGE ROHIT HARIRAM
3.	AAGE YOGESH YUVRAJ
4.	ALZENDE SHAMBHU ASARAM
5.	ATTAR SOYAB HASHAM
6.	BARHATE AKSHAY SUBHASH
7.	BARVE DIPALI SOPANRAO
8.	CHAURE ABHISHEK NIVRATI
9.	CHAVAN UMESH RAMESHWAR
10.	CHINCHANE PRAVIN PRABHAKAR
11.	DALVI SUVARNA BHIMRAO
12.	DESHMUKH VIVEK VITTHALRAO
13.	DHAGE SHRIKANT BHARAT
14.	GHAMAT PRANJAL RAJENDRA
15.	GHATUL DNYANESHWAR MURLIDHAR
16.	GHATUL RAHUL VISHNU
17.	GHOHARE VAIBHAV VASHISHTHA
18.	INGALE VITTHAL MAHADEV
19.	JADHAV RUTUJA LALASAHEB
20.	JOGADE GOVIND BALASAHEB
21.	KADAM HARI RANJIT
22.	KADAM NARAYAN BHAGWAT
23.	KAMBLE SHASHIKANT MAYANJI
24.	KAMBLE VARSHA MAYANJI
25.	KHILLARE AJAY BABASAHEB
26.	KURULE PRIYANKA SHIVLING
27.	LAGAD RUSHIKESH SURYAKANT
28.	LONE SHRUSHTI DNYANESHWAR
29.	MASKE BHAGWAT SHIVAJI
30.	MUJAWAR AASEF ANIS
31.	MULE MANISHA RAMBHAU
32.	MUNDE ASHOK MACHINDRA
33.	MUNDE VIJAY KESHAV
34.	MUNESHWAR KAJAL ASHOKRAO
35.	NAIKWADE KRUSHNA SOMINATH
36.	NAIKWADE PARMESHWAR BABURAO
37.	NAWADEKER AMRUTA BALASAHEB
38.	NIMBALKAR ASHWINI PRAKASH
39.	PANCHAL SWAPNIL SADASHIV
40.	PATAIT YOGESHRI MACHINDRA
41.	PATIL SHUBHAM ASHOKRAO
42.	PAWAR SHREYA RAJENDRA

43.	PHAPAL GOVIND KALIDAS
44.	PINJARI SANAKAUSAR AYYUB
45.	PITLEVAD GANESH BHAGWAT
46.	PRADHAN BHUSHAN BHAUSAHEB
47.	QURESHI SHAHANAWAZ RASHID
48.	RAJ SYED EKRAR SYED ALI
49.	RATHOD POOJA SUNDAR
50.	SAHAJRAO DIPAK LAXMAN
51.	SHAIKH FASAHAHAT MAHEEN MOHD ABDUL AHAD
52.	SHAIKH FERROJ KALIM
53.	SHAIKH MOHSIN NAVEED
54.	SHAIKH MUSTAKHIM AYYUB
55.	SHAIKH TAUFIQUE AHMED ATIQUE AHMED
56.	SHELKE RESHMA YADAVRAO
57.	SHINDE MAHADEV ROHIDAS
58.	SHINDE SURESH RAMESH
59.	SOLANKE AKSHAY LAXMANRAO
60.	SOLANKE MANISHA ANNASAHEB
61.	SOLANKE PRADNYA BHARATRAO
62.	SOLANKE RUSHIKESH SATISH
63.	TANGADE GAJANAN TUKARAM
64.	TAUR VAISHNAVI BHAGWAT
65.	TAUR VIKAS ASHOK
66.	THORAT RAMHARI DADASAHEB
67.	UMBRE MADHURI ASARAM
68.	WANJARKHEDKAR SARITA SANTOSH
69.	YADAV ATISH PRAMOD
70.	ZUTE NILESH KAMALAKAR

  
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**M. S. P. Mandal's**  
**Sunderrao Solanke Mahavidyalaya Majalgaon**  
**Department of Mathematics**  
 B. Sc. F. Y. Attendance List for academic list 2018-19  
**Remedial course**


Sr. No.	Name	Month - July, August															
		2/7/2018	3/7	9/7	10/7	16/7	17/7	23/7	24/7	30/7	31/7	6/8	7/8	13/8	14/8	20/8	21/8
1.	AAGE HARIRAM VISHNU	P	P	A	P	A	A	P	P	P	P	P	P	P	A	P	P
2.	AAGE ROHIT HARIRAM	A	A	P	P	P	P	P	P	A	A	P	P	P	P	P	P
3.	AAGE YOGESH YUVRAJ	P	A	A	A	P	P	P	A	P	P	P	P	A	P	P	P
4.	ALZENDE SHAMBHU ASARAM	P	P	P	P	P	A	A	P	P	A	A	P	P	P	A	A
5.	ATTAR SOYAB HASHAM	P	A	A	A	P	P	P	P	A	P	P	P	A	A	P	P
6.	BARHATE AKSHAY SUBHASH	A	A	P	P	A	A	P	P	P	A	A	P	P	P	P	A
7.	BARVE DIPALI SOPANRAO	P	P	P	P	A	A	A	P	P	P	P	A	A	P	P	P
8.	CHAURE ABHISHEK NIVRATI	A	A	A	P	A	P	P	A	P	P	P	P	P	P	A	A
9.	CHAVAN UMESH RAMESHWAR	P	P	P	A	A	A	P	P	P	P	P	P	P	A	A	P
10.	CHINCHANE PRAVIN PRABHAKAR	P	A	A	P	P	P	P	P	A	A	P	P	P	A	A	
11.	DALVI SUVARNA BHIMRAO	P	P	A	P	P	P	P	A	A	P	P	A	P	P	A	A
12.	DESHMUKH VIVEK VITTHALRAO	P	P	A	A	A	P	P	P	P	P	A	P	P	P	P	P
13.	DHAGE SHRIKANT BHARAT	A	A	P	P	P	P	P	P	A	P	P	P	P	A	P	P
14.	GHAMAT PRANJAL RAJENDRA	A	A	P	P	A	P	P	A	A	A	P	P	P	A	P	P
15.	GHATUL DNYANESHWAR MURLIDHAR	P	P	P	A	A	P	P	A	P	P	A	P	P	P	A	P
16.	GHATUL RAHUL VISHNU	P	P	P	P	P	A	A	P	P	A	P	P	P	P	P	P
17.	GHOHARE VAIBHAV VASHISHTHA	P	P	P	A	P	P	P	P	A	P	P	P	P	P	A	P
18.	INGALE VITTHAL MAHADEV	P	A	P	P	P	P	P	P	P	A	P	P	P	P	A	P
19.	JADHAV RUTUJA LALASAHEB	A	A	P	P	P	A	A	P	P	P	A	P	P	P	P	A
20.	JOGADE GOVIND BALASAHEB	P	P	A	A	P	P	P	P	P	P	P	P	A	P	P	A
21.	KADAM HARI RANJIT	P	P	P	P	A	A	A	P	P	A	A	P	P	P	P	A
22.	KADAM NARAYAN BHAGWAT	A	A	P	P	P	P	P	P	A	P	P	P	P	P	A	A
23.	KAMBLE SHASHIKANT MAYANJI	A	A	A	P	P	P	P	P	P	P	A	P	P	P	P	P
24.	KAMBLE VARSHA MAYANJI	A	P	A	P	P	P	A	P	P	P	P	P	A	P	P	P
25.	KHILLARE AJAY BABASAHEB	A	P	P	P	A	P	P	P	P	P	P	P	A	P	P	P



26.	KURULE PRIYANKA SHIVLING	P	P	P	A	P	P	P	P	P	P	A	P	P	P	P	A
27.	LAGAD RUSHIKESH SURYAKANT	P	P	P	P	A	P	P	P	P	P	A	P	P	P	P	P
28.	LONE SHRUSHTI DNYANESHWAR	A	A	A	P	P	P	P	P	P	P	P	A	A	P	P	P
29.	MASKE BHAGWAT SHIVAJI	P	P	P	P	P	A	A	P	P	P	A	P	P	P	P	P
30.	MUJAWAR AASEF ANIS	A	A	P	P	P	A	P	P	P	A	P	P	A	P	P	P
31.	MULE MANISHA RAMBHAU	P	P	A	A	P	P	P	A	A	P	P	P	P	P	P	A
32.	MUNDE ASHOK MACHINDRA	P	A	P	A	A	P	P	P	P	A	A	P	P	P	P	A
33.	MUNDE VIJAY KESHAV	P	P	P	A	A	A	P	P	P	P	P	P	A	P	P	P
34.	MUNESHWAR KAJAL ASHOKRAO	P	P	P	P	A	A	P	P	P	P	A	P	P	P	P	A
35.	NAIKWADE KRUSHNA SOMINATH	P	P	A	P	P	P	A	P	P	P	P	A	P	P	P	P
36.	NAIKWADE PARMESHWAR BABURAO	A	A	A	A	A	P	P	P	P	P	A	A	P	P	P	P
37.	NAWADEKER AMRUTA BALASAHEB	P	P	P	P	A	A	A	P	P	P	A	A	P	P	P	P
38.	NIMBALKAR ASHWINI PRAKASH	A	A	A	P	P	P	P	A	A	A	P	P	P	P	A	P
39.	PANCHAL SWAPNIL SADASHIV	P	P	P	P	P	A	A	P	P	P	P	A	P	P	P	P
40.	PATAIT YOGESHRI MACHINDRA	P	P	A	A	A	A	A	A	A	P	P	P	P	P	P	P
41.	PATIL SHUBHAM ASHOKRAO	A	A	A	P	P	P	P	P	P	P	A	P	P	A	P	P
42.	PAWAR SHREYA RAJENDRA	P	P	P	A	P	P	P	A	A	A	P	P	P	P	A	A
43.	PHAPAL GOVIND KALIDAS	P	A	P	P	A	P	P	P	A	P	P	P	A	P	P	P
44.	PINJARI SANAKAUSAR AYYUB	A	A	P	P	P	P	P	P	A	P	P	P	P	A	P	P
45.	PITLEVAD GANESH BHAGWAT	A	A	P	P	P	A	P	P	P	P	A	P	P	P	A	A
46.	PRADHAN BHUSHAN BHAUSAHEB	P	P	P	P	A	P	P	P	P	A	P	P	A	A	P	P
47.	QURESHI SHAHANAWAZ RASHID	A	P	A	P	P	P	P	A	P	P	P	A	P	P	A	A
48.	RAJ SYED EKRAR SYED ALI	P	P	A	P	P	P	P	P	P	P	A	A	A	P	A	P
49.	RATHOD POOJA SUNDAR	P	P	P	P	P	P	A	A	A	A	A	A	P	P	P	P
50.	SAHAJRAO DIPAK LAXMAN	P	P	P	P	A	P	P	P	P	A	P	P	P	P	A	A
51.	SHAIKH FASAHAHAT MAHEEN MOHD ABDUL AHAD	A	A	A	P	P	P	A	A	A	P	A	A	P	P	P	A
52.	SHAIKH FERROJ KALIM	P	P	P	A	A	A	P	P	P	A	A	P	P	P	A	A
53.	SHAIKH MOHSIN NAVEED	A	A	A	P	P	A	P	P	P	P	A	A	A	P	P	P
54.	SHAIKH MUSTAKHIM AYYUB	P	A	A	P	P	P	P	P	P	A	A	P	P	A	P	P
55.	SHAIKH TAUFIQUE AHMED ATIQUE AHMED	P	P	P	P	P	P	P	A	P	P	P	P	P	A	A	A



56.	SHELKE RESHMA YADAVRAO	P	P	A	P	P	P	P	A	P	P	P	A	P	P	P	P
57.	SHINDE MAHADEV ROHIDAS	A	A	P	P	P	P	P	P	A	P	P	P	A	A	P	
58.	SHINDE SURESH RAMESH	P	P	A	A	P	P	P	P	A	P	P	P	A	P	P	P
59.	SOLANKE AKSHAY LAXMANRAO	A	A	A	P	P	P	P	P	A	P	P	P	P	P	P	P
60.	SOLANKE MANISHA ANNASAHEB	A	A	A	P	P	P	P	P	P	A	P	P	P	P	P	P
61.	SOLANKE PRADNYA BHARATRAO	A	A	P	P	P	P	P	A	P	P	A	P	P	P	A	P
62.	SOLANKE RUSHIKESH SATISH	P	P	P	A	P	P	A	P	P	A	P	P	A	P	P	P
63.	TANGADE GAJANAN TUKARAM	P	P	P	P	A	P	P	P	P	P	A	P	P	P	P	A
64.	TAUR VAISHNAVI BHAGWAT	P	P	P	P	A	P	P	A	P	P	P	A	P	P	A	P
65.	TAUR VIKAS ASHOK	P	A	P	P	P	A	P	P	P	P	A	P	P	P	P	P
66.	THORAT RAMHARI DADASAHEB	A	P	P	P	P	P	P	A	P	P	P	P	A	P	P	P
67.	UMBRE MADHURI ASARAM	P	P	P	P	P	P	P	P	A	A	P	P	P	P	P	P
68.	WANJARKHEDKAR SARITA SANTOSH	P	P	P	P	P	P	P	A	A	P	P	P	P	P	A	P
69.	YADAV ATISH PRAMOD	A	P	P	A	A	P	P	A	P	P	A	P	P	A	P	P
70.	ZUTE NILESH KAMALAKAR	P	P	A	P	P	A	P	P	A	P	P	A	P	A	P	P

  
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**REMEDIAL COACHING**

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DEPARTMENT OF Mathematics



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Marathwada Shikshan Prasarak Mandal's

**Sunderrao Solanke Mahavidyalaya**  
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Process of the proof by induction, the principle of mathematical induction & simple applications

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### UNIT III: CALCULUS

#### 1. LIMITS & DERIVATIVES

Derivative introduced as rate of change both as that of distance function & geometrically, intuitive idea of limit, Definition of derivative, relate it to slope of tangent of the curve, derivative of sum, difference, product & quotient of functions. Derivatives of polynomial & trigonometric functions



## **2. CONTINUITY & DIFFERENTIABILITY**

Continuity & differentiability, derivative of composite functions, chain rule, derivatives of inverse trigonometric functions, derivative of implicit function. Concepts of exponential, logarithmic functions, Logarithmic differentiation

## **3. APPLICATIONS OF DERIVATIVES**

Applications of derivatives: Rate of change, increasing/decreasing functions, tangents & normals, approximation, maxima & minima, Simple problems

### **UNIT IV: GEOMETRY -**

#### **1. STRAIGHT LINES**

Brief recall of 2-D from earlier classes, shifting of origin, Slope of a line & angle between two lines, Various forms of equations of a line: parallel to axes, point-slope form, slope-intercept form, two-point form, intercepts form & normal form. General equation of a line, Equation of family of lines passing through the point of intersection of two lines, Distance of a point from a line

#### **2. INTRODUCTION TO THREE-DIMENSIONAL GEOMETRY**

Coordinate axes & coordinate planes in three dimensions, Coordinates of a point. Distance between two points & section formula

### **UNIT V: MATHEMATICAL REASONING**

Mathematically acceptable statements, Connecting words/phrases - consolidating the understanding of “if & only if (necessary and sufficient) condition”, “implies”, “and/or”, “implied by”, “and”, “or”, “there exists” & their use through variety of examples related to real life & Mathematics, Validating the statements involving the connecting words - difference between contradiction, converse & contra positive



**Professor & Head**  
**Dept. of Mathematics**  
Sunderrao Solanke Mahavidyalaya  
Majalgaon Dist. Beed.

**M.S.P. Mandal's**  
**Sunderrao Solanke Mahavidyalaya, Majalgaon Dist. Beed**  
**Department of Mathematics**  
**B.Sc.F.Y. Students List for the Academic Year 2017-2018**


**Remedial Course**

<b>Sr. No.</b>	<b>Name</b>	<b>Gender</b>	<b>Category</b>
01	Aage Hariram Vishnu	Male	GEN
02	Aage Rohit Hariram	Male	GEN
03	Aage Yogesh Yuvraj	Male	GEN
04	Alzende Shambhu Asaram	Male	SC
05	Attar Soyab Hasham	Male	OBC
06	Barhate Akshay Subhash	Male	GEN
07	Barve Dipali Sopanrao	Female	OBC
08	Chaure Abhishek Nivrati	Male	SC
09	Chavan Umesh Ramesh Rao	Male	OBC
10	Chinchane Pravin Prabhakar	Male	OBC
11	Dalvi Suvarna Bhimrao	Female	OBC
12	Deshmukh Vivek Vitthalrao	Male	ST
13	Dhage Shrikant Bharat	Male	GEN
14	Ghamat Pranjal Rajendra	Female	GEN
15	Ghatul Dnyaneshwar Murlidhar	Male	GEN
16	Ghatul Rahul Vishnu	Male	GEN
17	Ghogare Vaibhav Vashishtha	Male	GEN
18	Ingale Vitthal Mahadev	Male	ST
19	Jadhav Rutuja Lalasaheb	Female	GEN
20	Jagade Govind Balasaheb	Male	GEN
21	Kadam Hari Ranjit	Male	GEN
22	Kadam Narayan Bhagwat	Male	GEN
23	Kamble Shashikant Mayanji	Male	SC
24	Kamble Varsha Mayanji	Female	SC

25	Khillare Ajay Babasaheb	Male	SC
26	Kurule Priyanka Shivling	Female	OBC
27	Lagad Rushikesh Suryakant	Male	GEN
28	Lone Shrushit Dnyaneshwar	Female	NT-2 (NT-C)
29	Maske Bhagwat Shivaji	Male	GEN
30	Mule Manisha Rambhau	Female	GEN
31	Munde Ashok Machindra	Male	NT-3 (NT-D)
32	Munde Vijay Keshav	Male	NT-3 (NT-D)
33	Muneshwar Kajal Ashokrao	Female	SC
34	Munjawar Aasef Anis	Male	OBC
35	Naikwade Krushna Sominath	Male	NT-3 (NT-D)
36	Naikwade Parmeshwar Baburao	Male	NT-3 (NT-D)
37	Nawadeker Amruta Balasaheb	Female	GEN
38	Nimbalkar Ashwini Prakash	Female	GEN
39	Panchal Swapnil Sadashiv	Male	OBC
40	Patait Yogeshri Machindra	Female	GEN
41	Patil Shubham Ashokrao	Male	GEN
42	Pawar Shreya Rajendra	Female	GEN
43	Phapal Govind Kalidas	Male	GEN
44	Pinjari Sanakausar Ayyub	Female	OBC
45	Pitlevad Ganesh Bhagwat	Male	ST
46	Pradhan Bhushan Bhausahab	Male	SC
47	Qureshi Shahanawaz Rashid	Male	GEN
48	Raj Syed Ekrar Syed Ali	Male	OBC
49	Rathod Pooja Sundar	Female	VJ/DT(A)
50	Sahajarao Dipak Laxman	Male	GEN
51	Shaikh Fasahat Maheen Mohd Abdul Ahad	Female	GEN
52	Shaikh Feroj Kalim	Male	GEN
53	Shaikh Mohsin Naveed	Male	GEN
54	Shaikh Mustakhim Ayyub	Male	OBC



55	Shaikh Taufique Ahemed Atique Ahmed	Male	GEN
56	Shelke Reshma Yadavrao	Female	GEN
57	Shinde Mahadev Rohidas	Male	GEN
58	Shinde Suresh Ramesh	Male	GEN
59	Solanke Akshay Laxmanrao	Male	GEN
60	Solanke Manisha Annasaheb	Male	GEN
61	Solanke Pradnya Bharatrao	Female	GEN
62	Solanke Rushikesh Satish	Male	GEN
63	Tangade Gajanan Tukaram	Male	GEN
64	Taur Vaishnavi Bhagwat	Female	GEN
65	Taur Vikas Ashok	Male	GEN
66	Thorat Ramhari Dadasaheb	Male	GEN
67	Umbre Madhuri Asaram	Female	GEN
68	Wanjarkhedkar Sarita Santosh	Female	GEN
69	Yadav Atish Pramod	Male	GEN
70	Zute Nilesh Kamalakar	Male	GEN

  
**Professor & Head**  
**Dept. of Mathematics**  
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**M.S.P. Mandal's**  
**Sunderrao Solanke Mahavidyalaya, Majalgaon Dist. Beed**  
**Department of Mathematics**  
**B.Sc.F.Y. Students List for the Academic Year 2017-2018**

**Remedial Course**

← July → → August → ← Sept →


Sr. No.	Name	17	18	24	25	31	01	07	08	21	22	28	29	04	05	11	12
01	Aage Hariram Vishnu	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	A
02	Aage Rohit Hariram	P	A	P	A	P	A	A	A	A	A	A	A	P	A	P	A
03	Aage Yogesh Yuvraj	P	P	P	P	P	P	A	A	A	A	P	P	A	A	A	P
04	Alzende Shambhu Asaram	P	A	P	A	P	P	P	P	P	A	P	A	P	A	P	A
05	Attar Soyab Hasham	A	P	P	P	P	P	P	P	P	P	P	A	A	A	P	A
06	Barhate Akshay Subhash	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P
07	Barve Dipali Sopanrao	A	A	P	A	A	P	P	P	P	A	P	P	A	P	A	A
08	Chaure Abhishek Nivrati	P	A	P	P	P	P	P	P	P	P	P	P	P	A	A	A
09	Chavan Umesh Rameshram	A	P	A	P	P	A	P	A	P	P	A	A	A	A	A	A
10	Chinchane Pravin Prabhakar	A	P	A	P	P	A	A	P	P	A	P	A	P	P	P	P
11	Dalvi Suvarna Bhimrao	P	P	A	A	A	P	A	A	A	A	A	A	A	A	A	A
12	Deshmukh Vivek Vitthalrao	P	P	A	P	P	P	A	P	P	P	P	A	P	P	P	P
13	Dhage Shrikant Bharat	A	P	A	P	P	P	P	P	P	P	A	A	P	A	A	P
14	Ghamat Pranjal Rajendra	P	P	P	P	P	P	P	P	P	P	A	P	A	P	A	P
15	Ghatul Dnyaneshwar Murlidhar	P	P	P	P	A	A	A	A	A	A	P	A	P	A	P	P
16	Ghatul Rahul Vishnu	A	P	A	A	A	A	A	A	A	P	P	A	P	P	P	P
17	Ghogare Vaibhav Vashishtha	P	P	A	P	A	A	A	A	A	A	A	P	A	P	A	A
18	Ingale Vitthal Mahadev	A	P	P	A	P	P	P	P	P	P	P	P	A	P	A	A
19	Jadhav Rutuja Lalasaheb	P	P	A	P	A	P	P	P	P	P	A	P	P	A	P	A
20	Jagade Govind Balasaheb	A	P	A	A	P	P	P	P	P	P	P	A	P	P	P	P
21	Kadam Hari Ranjit	P	A	P	P	A	A	A	A	A	P	A	A	A	A	A	A
22	Kadam Narayan Bhagwat	A	A	A	A	P	A	A	A	A	P	A	P	P	P	P	A
23	Kamble Shashikant Mayanji	P	P	P	P	P	A	A	A	A	A	P	P	A	A	A	A
24	Kamble Varsha Mayanji	P	P	P	P	P	A	A	A	A	P	P	P	P	P	P	P



25	Khillare Ajay Babasaheb	P	A	A	A	A	D	A	A	P	P	P	P	P	A	P	A
26	Kurule Priyanka Shivling	P	A	P	P	P	A	A	P	P	A	P	P	A	A	A	P
27	Lagad Rushikesh Suryakant	A	P	A	P	A	P	P	A	A	P	A	A	P	A	P	P
28	Lone Shrushit Dnyaneshwar	P	A	A	A	A	P	A	P	A	A	P	A	P	A	P	A
29	Maske Bhagwat Shivaji	P	P	P	A	P	P	P	A	P	A	P	A	A	P	A	P
30	Mule Manisha Rambhau	P	A	P	A	P	A	P	A	P	A	A	P	A	P	A	P
31	Munde Ashok Machindra	A	P	A	P	A	P	A	P	A	P	P	P	A	A	P	A
32	Munde Vijay Keshav	A	P	P	P	A	P	P	A	P	P	P	A	P	A	A	P
33	Muneshwar Kajal Ashokrao	P	A	P	P	A	A	A	P	A	A	A	P	P	P	A	A
34	Munjawar Aasef Anis	P	A	A	P	A	P	A	P	A	P	A	P	A	P	P	P
35	Naikwade Krushna Sominath	A	P	A	A	P	P	A	A	P	A	A	A	A	P	A	A
36	Naikwade Parmeshwar Baburao	P	P	A	P	A	A	A	P	A	A	P	P	A	P	A	P
37	Nawadeker Amruta Balasaheb	P	P	A	X	P	P	A	P	P	A	P	A	P	P	A	P
38	Nimbalkar Ashwini Prakash	A	P	P	A	P	A	P	A	A	D	P	P	A	A	A	A
39	Panchal Swapnil Sadashiv	P	A	P	A	P	P	A	A	A	A	P	P	P	P	P	P
40	Patait Yogeshri Machindra	P	P	A	P	A	A	A	P	P	P	A	X	A	P	A	P
41	Patil Shubham Ashokrao	A	A	P	P	X	P	P	A	A	P	A	P	A	A	P	P
42	Pawar Shreya Rajendra	A	P	A	P	P	A	P	P	P	P	A	A	P	P	A	P
43	Phapal Govind Kalidas	A	P	A	X	P	P	P	A	P	A	P	P	A	P	P	P
44	Pinjari Sanakausar Ayyub	P	A	P	A	P	P	P	P	P	P	A	P	A	P	A	P
45	Pitlevad Ganesh Bhagwat	A	A	P	P	A	P	A	P	A	A	P	P	P	A	P	A
46	Pradhan Bhushan Bhausaheb	P	P	A	P	A	P	A	P	A	A	P	P	A	P	P	P
47	Qureshi Shahanawaz Rashid	P	A	A	D	P	P	A	A	P	A	P	A	A	A	A	P
48	Raj Syed Ekrar Syed Ali	P	P	A	P	A	P	P	A	P	P	P	A	P	A	P	P
49	Rathod Pooja Sundar	A	P	A	A	P	P	P	A	P	A	A	P	P	P	P	A
50	Sahajarao Dipak Laxman	P	A	A	P	P	P	X	A	A	P	P	P	P	A	A	A
51	Shaikh Fasahat Maheen Mohd Abdul Ahad	A	X	P	A	P	A	P	P	P	A	A	A	A	P	A	P
52	Shaikh Feroj Kalim	A	A	X	P	A	P	A	P	A	P	P	A	P	A	A	P
53	Shaikh Mohsin Naveed	P	P	A	P	A	P	A	P	A	A	P	P	P	P	A	A



54	Shaikh Mustakhim Ayyub	A	P	P	P	P	A	P	A	A	P	A	A	A	P	P	P
55	Shaikh Taufique Ahemed Atique Ahmed	A	P	A	P	A	A	P	P	P	A	A	P	P	A	A	A
56	Shelke Reshma Yadavrao	P	A	A	A	A	P	A	P	A	P	P	P	P	A	P	P
57	Shinde Mahadev Rohidas	P	A	P	P	A	A	P	P	P	P	A	A	P	P	A	A
58	Shinde Suresh Ramesh	P	A	P	A	P	P	A	A	A	A	P	A	P	P	A	A
59	Solanke Akshay Laxmanrao	P	P	A	A	A	P	A	A	P	A	P	A	A	A	P	A
60	Solanke Manisha Annasaheb	A	P	P	P	A	A	P	A	P	P	P	P	P	P	A	P
61	Solanke Pradnya Bharatrao	A	P	P	P	P	A	A	A	A	P	A	A	A	A	P	P
62	Solanke Rushikesh Satish	P	A	A	P	A	A	P	P	A	A	A	P	A	P	A	P
63	Tangade Gajanan Tukaram	P	A	A	A	P	A	A	P	P	A	A	P	A	P	A	D
64	Taur Vaishnavi Bhagwat	A	P	P	P	P	A	P	A	P	A	P	A	P	P	A	A
65	Taur Vikas Ashok	P	P	A	A	P	P	P	P	P	P	A	P	P	A	P	A
66	Thorat Ramhari Dadasaheb	P	A	A	A	P	A	A	A	P	A	P	P	P	A	P	A
67	Umbre Madhuri Asaram	A	A	P	P	P	P	P	A	A	P	A	P	P	A	A	A
68	Wanjarkhedkar Sarita Santosh	P	A	A	A	P	A	P	P	P	A	A	A	A	A	P	P
69	Yadav Atish Pramod	P	A	P	P	P	P	A	A	P	A	P	P	A	P	P	A
70	Zute Nilesh Kamalakar	P	A	A	P	A	A	P	P	A	P	A	A	P	A	P	P

  
**Professor & Head**  
**Dept. of Mathematics**  
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 Majalgaon Dist. Beed.

**Marathwada Shikshan Prasarak Mandal's**

**Sunderrao Solanke Mahavidyalaya  
Majalgaon, Dist. Beed**

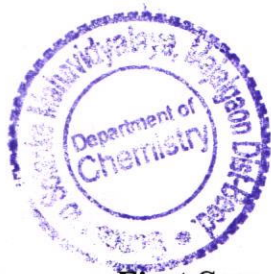
**Time Table for Remedial Course  
Academic Year 2021-22**

Day	Subject	Time	Hall No.
Monday	Mathematics	5 to 6	71
Tuesday	Mathematics	5 to 6	71
Wednesday	Physics	5 to 6	71
Thursday	Physics	5 to 6	71
Friday	Chemistry	5 to 6	71
Saturday	Chemistry	5 to 6	71



  
HEAD

Department Of Chemistry  
Sunderrao Solanke Mahavidyalaya  
Majalgaon, Dist. Beed.



# Remedial Coaching Syllabus

## First Semester

### Paper I Inorganic Chemistry

8 Hrs

#### I Atomic Structure:

Atomic orbital's Quantum numbers, Heisenberg uncertainty principle, Aufbau and Pauli exclusion principles. Hund's multiplicity rule. Electronic configurations of the elements,

#### II Periodic Properties:

Atomic and Ionic radii, Ionization Energy, Electron affinity and Electro negativity. Trends in periodic table and application in predicting and explaining the chemical behavior.

### Paper-II Organic Chemistry

8 Hrs

#### Alkanes:

Methods of formation (Koble reaction, Corey – House reaction and decarboxylation of carboxylic acids) Physical properties and Chemical reactions of Alkanes Chlorination, Nitration, Sulphonation, Catalytic oxidation.

#### Alkenes:

Nomenclature of alkenes, methods of formation, mechanisms of dehydration of alcohols and dehydrohalogenation of alkyl halides. The Saytzeff rule, Hofmann elimination Markownikoff's rule.

#### Arenes:

Nomenclature of benzene derivatives. Molecular formula and Kekule structure. Resonance structure, MO Picture.





# Remedial Coaching Syllabus

## Second Semester

### Paper-IV Physical Chemistry

8 Hrs

#### I Mathematical Concepts:

Logarithmic relations, calculation of slopes, differentiation of functional like  $kx$ ,  $e^x$ ,  $X^n$ ,  $\sin X$ ,  $\log X$ ; maxima and minima, partial differentiation.

#### II Gaseous states:

Postulates of kinetic theory of gases, kinetic gas equation, Deduction of Gas Laws: Boyles Law, Charles Law, Grahams Law of diffusion.

#### III Solid State:

Types of solids, Amorphous, Laws of crystallography – (i) Law of constancy of interfacial angles (ii) Law of rationality of indices (iii) Law of symmetry.

#### IV Chemical kinetics and Catalysis:

Chemicals Kinetics, rate of reaction, factors influencing the rate of reaction – Derivation of rate law and characteristics of simple chemical reaction – zero order, first order, second order, pseudo order.

### Paper – V Inorganic Chemistry

8 Hrs

#### I Chemistry of noble gases:

Chemical properties of the noble gases, chemistry of xenon, structure and bonding in xenon compounds.

#### II Chemical Bonding:

Covalent Bond – Valence theory and its limitations, directional characteristics of covalent bond, various types of hybridization and shapes of simple inorganic molecules and ions, Valence shell electron pair repulsion (VSEPR) theory of  $\text{NH}_3$ ,  $\text{SF}_4$ ,  $\text{ClF}_3$ ,  $\text{ICl}_2$  and  $\text{H}_2\text{O}$ .

#### III Nuclear Chemistry:

Definition; Atomic number, mass number, Isotopes, Isobars mass defect and Binding Energy, Packing fraction  $N/Z$  ratio, Radio activity, properties of  $\alpha$ ,  $\beta$  and  $\gamma$ , artificial transmutation.







**Sunderrao Solanke Mahavidyalaya Majalgaon**  
**Department of Chemistry**

Remedial Classes First Year – 2021-22 (First Semester – paper II)

Attendance of Student of Remedial Coaching

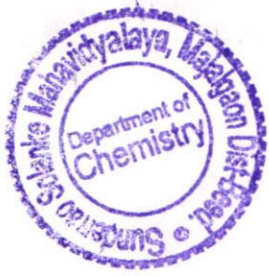
Name of Faculty- Mr. Ipper S. N.

Month – September

Sr. No.	Name of the Student	Date									
		3	4	10	11	17	18	24	25		
26	Kazi Farhan Alimoddin	P	P	P	P	P	P	P	P		
27	Kazi Firdos Ejaz	P	P	P	A	P	P	A	P		
28	Landge Sakshi Sitaram	P	P	P	P	P	P	P	P		
29	Magar Kiran Bandu	P	P	P	P	P	P	P	P		
30	Maniyar Saeed Qamruddin	P	P	P	A	P	P	P	P		
31	Methe Vishal Vaijanath	P	P	P	P	P	P	P	P		
32	More Siddheshwar Sandipan	P	P	P	A	P	P	P	P		
33	Narwade Keshav Uddhav	P	P	P	P	P	P	P	P		
34	Panchal Pooja Shivaji	P	A	P	P	P	P	P	P		
35	Pathan Arfat Khan Ansar Khan	P	P	P	P	P	P	A	P		
36	Pawar Kanchan Vishnu	P	P	P	P	P	P	P	P		
37	Sagar Abhishek Asaram	P	P	P	P	P	P	P	P		
38	Salve Amruta Abhimanyu	P	P	P	P	P	P	P	P		
39	Salve Rutuja Suresh	A	P	P	A	P	P	P	P		
40	Sasane Kumar Trimbak	P	P	P	P	P	P	A	P		
41	Sayyad Sahil Khaled	P	P	P	P	P	P	P	P		
42	Shaikh Fardeen A Azim	P	P	P	A	P	P	P	P		
43	Shaikh Imran Ibrahim	P	P	A	A	P	P	A	P		
44	Shejul Ashwini Ramprasad	P	P	P	P	P	P	P	P		
45	Shide Sushilkumar Sakharam	P	P	P	P	P	P	P	P		
46	Shinde Avinash Khandu	P	P	P	P	P	P	P	P		
47	Shinde Priya Narayanrao	P	A	P	P	P	P	P	A		
48	Sirsat Eknath Kailash	P	P	A	A	P	P	P	P		
49	Tangade Datta Manik	P	P	P	P	P	P	P	A		
50	Taur Kanyakumari Arjun	P	P	P	P	P	A	P	P		







**Sunderrao Solanke Mahavidyalaya Majalgaon**  
**Department of Chemistry**

Remedial Classes First Year – 2021-22 (Second Semester – paper IV)

Attendance of Student of Remedial Coaching

Name of Faculty- Dr. Gawali S. S.

Month – December

Sr. No.	Name of the Student	Date									
		3	4	10	11	17	18	24	31		
26	Kazi Farhan Alimoddin	P	P	P	P	P	P	P	P	P	P
27	Kazi Firdos Ejaz	P	P	P	P	P	P	P	P	P	P
28	Landge Sakshi Sitaram	P	P	A	P	P	P	A	P	A	P
29	Magar Kiran Bandu	P	P	P	P	P	P	P	P	P	P
30	Maniyar Saeed Qamruddin	P	P	A	P	P	P	P	P	A	P
31	Methe Vishal Vaijanath	P	P	P	P	P	P	P	P	P	P
32	More Siddheshwar Sandipan	P	A	P	P	P	P	P	P	P	P
33	Narwade Keshav Uddhav	P	P	P	A	P	P	P	P	P	P
34	Panchal Pooja Shivaji	A	P	P	P	P	A	P	P	P	P
35	Pathan Arfat Khan Ansar Khan	P	P	P	A	P	P	P	P	P	P
36	Pawar Kanchan Vishnu	P	P	P	P	P	P	P	P	P	P
37	Sagar Abhishek Asaram	P	P	P	A	P	P	P	P	P	P
38	Salve Amruta Abhimanyu	P	P	P	P	P	P	P	P	P	P
39	Salve Rutuja Suresh	P	P	P	P	P	P	P	P	P	P
40	Sasane Kumar Trimbak	P	P	P	P	P	P	P	P	P	P
41	Sayyad Sahil Khaled	P	P	P	A	P	P	P	P	P	P
42	Shaikh Fardeen A Azim	P	P	P	A	P	P	P	P	P	P
43	Shaikh Imran Ibrahim	P	P	P	P	P	P	P	P	P	P
44	Shejul Ashwini Ramprasad	P	P	P	P	A	P	P	P	P	P
45	Shide Sushilkumar Sakharam	P	P	P	P	P	P	P	P	P	P
46	Shinde Avinash Khandu	P	P	P	P	P	P	P	A	P	A
47	Shinde Priya Narayanrao	P	P	P	P	P	P	P	P	P	P
48	Sirsat Eknath Kailash	P	P	P	P	P	P	P	P	P	P
49	Tangade Datta Manik	P	P	P	P	P	P	P	P	P	P
50	Taur Kanyakumari Arjun	P	P	P	P	P	P	P	A	P	P





**Sunderrao Solanke Mahavidyalaya Majalgaon**  
**Department of Chemistry**

Remedial Classes First Year – 2021-22 (Second Semester – paper V)

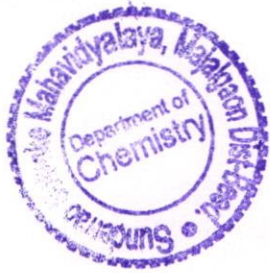
Attendance of Student of Remedial Coaching

Name of Faculty- Mr. Ipper S. N.

Month – January

Sr. No.	Name of the Student	Date									
		1	7	8	15	21	22	28	29		
1	Abasheb Nilkanth Dnyaneshwar	P	P	P	A	P	P	P	P		
2	Aabuj Rupali Sandipan	P	P	P	P	P	P	P	P		
3	Adhav Vaishnavi Balasaheb	P	P	P	P	A	P	P	P		
4	Ambore Aditi Mahadev	P	P	P	P	P	P	P	P		
5	Babar Sonali Ashok	P	P	P	P	P	P	P	P		
6	Badade Shankar Dattatray	P	P	P	P	A	P	P	P		
7	Barade Anil Ashruba	P	P	P	P	P	P	P	P		
8	Chandane Shubham Dattatray	P	P	A	P	P	P	P	P		
9	Dhage Shrinath Bharat	A	P	P	P	P	P	P	P		
10	Dhage Tushar Ashok	P	P	P	P	P	P	P	P		
11	Dhurandhare Krushna Annasaheb	P	P	P	P	P	P	P	P		
12	Dombe Savita Laxman	P	P	P	P	P	A	P	P		
13	Dugane Sukhadev Parmeshwar	P	P	P	P	P	P	P	P		
14	Gadade Yashwant Mahadev	P	P	P	P	P	P	P	P		
15	Gaikwad Tulshiram Kalyan	P	P	P	A	P	P	P	P		
16	Gavali Ashok Dnyanoba	P	P	P	P	P	P	P	P		
17	Ghene Ranjit Motiramji	P	P	P	A	P	P	P	P		
18	Gholap Rukmin Ambadas	P	P	P	A	P	P	P	A		
19	Gilbile Rajendra Sadashiv	A	P	P	A	P	P	P	P		
20	Hatmode Dipak Shriram	P	P	P	P	P	P	A	P		
21	Inamdar Afroj Feroj	P	P	P	P	P	P	P	P		
22	Jadhav Akshay Narayan	P	P	P	P	P	P	P	P		
23	Kanade Pratiksha Prabhuling	P	P	P	P	P	P	P	P		
24	Kasabe Rushikesh Dhuraji	P	P	P	P	A	P	P	P		
25	Kazi Ayesha Ejaz	P	P	P	A	P	P	P	P		





**Sunderrao Solanke Mahavidyalaya Majalgaon**  
**Department of Chemistry**

Remedial Classes First Year – 2021-22 (Second Semester – paper V)

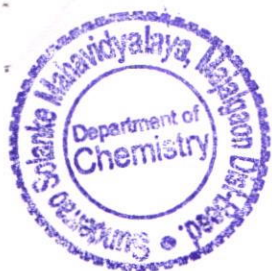
Attendance of Student of Remedial Coaching

Name of Faculty- Mr. Ipper S. N.

Month – January

Sr. No.	Name of the Student	Date									
		1	7	8	15	21	22	28	29		
26	Kazi Farhan Alimoddin	P	P	P	P	A	P	P	P		
27	Kazi Firdos Ejaz	P	P	P	P	P	P	P	P		
28	Landge Sakshi Sitaram	P	P	A	P	A	P	P	P		
29	Magar Kiran Bandu	P	A	P	P	P	P	P	P		
30	Maniyar Saeed Qamruddin	P	P	P	P	P	P	P	P		
31	Methe Vishal Vaijanath	P	P	P	P	P	P	P	P		
32	More Siddheshwar Sandipan	P	P	P	P	P	P	P	P		
33	Narwade Keshav Uddhav	P	P	P	P	P	A	P	P		
34	Panchal Pooja Shivaji	P	P	P	P	P	P	P	P		
35	Pathan Arfat Khan Ansar Khan	P	P	P	P	P	A	P	P		
36	Pawar Kanchan Vishnu	A	P	P	P	P	P	P	P		
37	Sagar Abhishek Asaram	P	P	P	P	P	P	P	P		
38	Salve Amruta Abhimanyu	P	P	P	P	P	P	P	P		
39	Salve Rutuja Suresh	P	P	P	P	P	P	P	P		
40	Sasane Kumar Trimbak	P	P	P	P	P	P	P	P		
41	Sayyad Sahil Khaled	P	P	P	P	P	P	P	P		
42	Shaikh Fardeen A Azim	P	P	P	P	P	P	P	P		
43	Shaikh Imran Ibrahim	P	P	P	P	P	P	P	P		
44	Shejul Ashwini Ramprasad	P	P	P	P	P	P	P	A		
45	Shide Sushilkumar Sakharam	P	P	P	A	P	P	P	P		
46	Shinde Avinash Khandu	P	P	P	P	P	P	A	P		
47	Shinde Priya Narayanrao	A	P	P	A	P	P	P	P		
48	Sirsat Eknath Kailash	P	P	P	A	P	P	P	P		
49	Tangade Datta Manik	P	P	P	P	P	P	P	P		
50	Taur Kanyakumari Arjun	P	P	P	A	P	P	P	P		

*S. N. Ipper*  
**HEAD**



Marathwada Shikshan Prasarak Mandal's

**Sunderrao Solanke Mahavidyalaya**  
**Majalgaon, Dist. Beed**

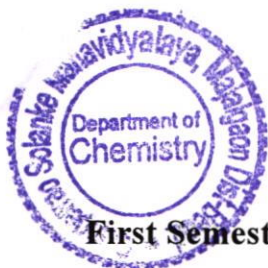
Time Table for Remedial Course

Academic Year 2019-20

Day	Subject	Time	Hall No.
Monday	Mathematics	5 to 6	71
Tuesday	Mathematics	5 to 6	71
Wednesday	Physics	5 to 6	71
Thursday	Physics	5 to 6	71
Friday	Chemistry	5 to 6	71
Saturday	Chemistry	5 to 6	71

  
HEAD

Department Of Chemistry  
Sunderrao Solanke Mahavidyalaya  
Majalgaon, Dist. Beed.



# Remedial Coaching Syllabus

## First Semester

### Paper I Inorganic Chemistry

8 Hrs

#### I Atomic Structure:

Atomic orbital's Quantum numbers, Heisenberg uncertainty principle, Aufbau and Pauli exclusion principles. Hund's multiplicity rule. Electronic configurations of the elements,

#### II Periodic Properties:

Atomic and Ionic radii, Ionization Energy, Electron affinity and Electro negativity. Trends in periodic table and application in predicting and explaining the chemical behavior.

### Paper-II Organic Chemistry

8 Hrs

#### Alkanes:

Methods of formation (Koble reaction, Corey – House reaction and decarboxylation of carboxylic acids) Physical properties and Chemical reactions of Alkanes Chlorination, Nitration, Sulphonation, Catalytic oxidation.

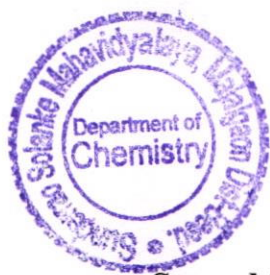
#### Alkenes:

Nomenclature of alkenes, methods of formation, mechanisms of dehydration of alcohols and dehydrohalogenation of alkyl halides. The Saytzeff rule, Hofmann elimination Markownikoff's rule.

#### Arenes:

Nomenclature of benzene derivatives. Molecular formula and Kekule structure. Resonance structure, MO Picture.





# Remedial Coaching Syllabus

## Second Semester

### Paper-IV Physical Chemistry

8 Hrs

#### I Mathematical Concepts:

Logarithmic relations, calculation of slopes, differentiation of functional like  $kx$ ,  $e^x$ ,  $X^n$ ,  $\sin X$ ,  $\log X$ ; maxima and minima, partial differentiation.

#### II Gaseous states:

Postulates of kinetic theory of gases, kinetic gas equation, Deduction of Gas Laws: Boyles Law, Charles Law, Grahams Law of diffusion.

#### III Solid State:

Types of solids, Amorphous, Laws of crystallography – (i) Law of constancy of interfacial angles (ii) Law of rationality of indices (iii) Law of symmetry.

#### IV Chemicals kinetics and Catalysis:

Chemicals Kinetics, rate of reaction, factors influencing the rate of reaction – Derivation of rate law and characteristics of simple chemical reaction – zero order, first order, second order, pseudo order.

### Paper – V Inorganic Chemistry

8 Hrs

#### I Chemistry of noble gases:

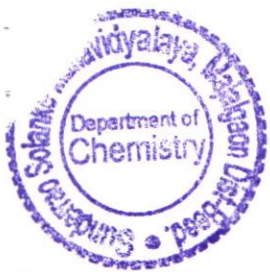
Chemical properties of the noble gases, chemistry of xenon, structure and bonding in xenon compounds.

#### II Chemical Bonding:

Covalent Bond – Valence theory and its limitations, directional characteristics of covalent bond, various types of hybridization and shapes of simple inorganic molecules and ions, Valence shell electron pair repulsion (VSEPR) theory of  $\text{NH}_3$ ,  $\text{SF}_4$ ,  $\text{ClF}_3$ ,  $\text{ICl}_2$  and  $\text{H}_2\text{O}$ .

#### III Nuclear Chemistry:

Definition; Atomic number, mass number, Isotopes, Isobars mass defect and Binding Energy, Packing fraction  $N/Z$  ratio, Radio activity, properties of  $\alpha$ ,  $\beta$  and  $\gamma$ , artificial transmutation.



**Sunderrao Solanke Mahavidyalaya Majalgaon**  
**Department of Chemistry**

Remedial Classes First Year – 2019-20 (First Semester – paper I)

Attendance of Student of Remedial Coaching

Name of Faculty- Mr. Motekar S. C.

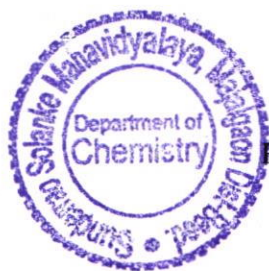
Month – August

Sr. No.	Name of the Student	Date									
		2	3	9	10	16	17	23	24	30	31
1	ARBE GOVIND BANDU	P	A	P	A	P	P	P	P	P	P
2	ATAR SOHEL JABBAR	P	P	P	P	P	P	P	P	P	P
3	BADADE ASHWINI NANDKISHOR	P	P	P	P	P	A	P	P	P	A
4	BADADE MAHESH SHRIKISHAN	P	A	P	P	A	P	A	P	P	P
5	BADADE RAHUL SHIVAJI	P	P	P	P	P	P	P	P	P	P
6	BADE SUNITA SHANKAR	P	P	P	P	A	P	P	P	P	P
7	BURANGE PRATIKSHA NAMDEV	P	P	P	P	A	P	P	P	P	P
8	CHAVAN ROSHAN RAJEBHAU	P	A	P	P	A	P	P	P	P	A
9	CHOURE YUVRAJ CHANDRAKANT	A	P	P	P	A	P	P	P	P	P
10	CHOWKULE RUSHIKESH DHANANJAY	P	P	P	P	P	P	P	P	P	P
11	CHUMBLE PRIYANKA VILAS	P	P	P	P	P	P	P	A	P	P
12	GANGE HANUMAN ASHRUBA	P	P	P	P	P	P	P	P	P	P
13	GAVATE MAHESH KASHINATH	P	P	P	P	P	P	P	P	P	P
14	GHATUL VAISHNAVI PRALHAD	P	P	P	P	P	P	P	P	P	P
15	GHAYTIDAK AVINASH SAMPATI	P	P	A	P	P	P	P	P	P	P
16	GHOHARE VAIBHAV VASHISHTHA	P	A	P	P	P	P	P	P	P	A
17	GORE SURAJ SATAVA	P	P	P	P	P	P	P	P	P	P
18	INAMDAR KHAWAJA NAIMUDDIN KHAWAJA MOINUDDIN	P	P	P	P	P	P	P	P	P	P
19	INGOLE BHAGYASHRI SUDHAKAR	P	P	A	P	P	P	P	P	P	P
20	INGOLE GANESH SURESH	P	P	P	A	P	P	P	P	P	P
21	JADHAV HANUMAN GANESH	P	P	P	P	P	P	P	P	P	P
22	KALE PRIYANKA RAJENDRA	P	P	P	P	P	P	P	P	A	P
23	KAMBLE BHAGWAT SURESHRAO	P	P	P	P	P	P	P	P	P	A
24	KASHID PRATIK PANDURANG	P	P	P	P	P	P	P	P	P	P
25	KASPATE GITA ASARAM	P	A	P	P	A	P	P	P	P	P









**Sunderrao Solanke Mahavidyalaya Majalgaon**  
**Department of Chemistry**

Remedial Classes First Year – 2019-20 (First Semester – paper II)

Attendance of Student of Remedial Coaching

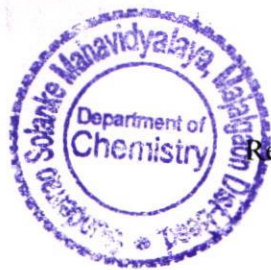
Name of Faculty- Mr. Ipper S. N.

Month – September

Sr. No.	Name of the Student	Date									
		6	7	13	14	20	21	27	28		
1	ARBE GOVIND BANDU	P	P	P	P	P	P	A	P		
2	ATAR SOHEL JABBAR	P	P	P	P	P	P	P	P		
3	BADADE ASHWINI NANDKISHOR	P	P	P	P	P	P	P	P		
4	BADADE MAHESH SHRIKISHAN	P	P	P	P	P	P	P	P		
5	BADADE RAHUL SHIVAJI	P	A	A	P	P	P	P	P		
6	BADE SUNITA SHANKAR	P	P	P	P	P	P	P	A		
7	BURANGE PRATIKSHA NAMDEV	P	P	P	P	P	P	P	P		
8	CHAVAN ROSHAN RAJEBHAU	A	P	P	P	P	P	P	P		
9	CHOURE YUVRAJ CHANDRAKANT	P	P	P	P	P	P	P	P		
10	CHOWKULE RUSHIKESH DHANANJAY	P	P	P	P	P	P	P	P		
11	CHUMBLE PRIYANKA VILAS	P	A	P	P	P	P	P	P		
12	GANGE HANUMAN ASHRUBA	P	P	P	P	P	A	P	A		
13	GAVATE MAHESH KASHINATH	P	P	P	A	P	P	P	P		
14	GHATUL VAISHNAVI PRALHAD	P	P	P	P	P	A	P	P		
15	GHAYTIDAK AVINASH SAMPATI	A	P	P	A	P	P	P	P		
16	GHOOGARE VAIBHAV VASHISHTHA	A	P	P	P	A	P	P	P		
17	GORE SURAJ SATAVA	P	P	P	P	A	P	P	P		
18	INAMDAR KHAWAJA NAIMUDDIN KHAWAJA MOINUDDIN	P	P	P	P	P	P	P	P		
19	INGOLE BHAGYASHRI SUDHAKAR	P	P	P	P	P	P	P	A		
20	INGOLE GANESH SURESH	P	A	P	P	P	P	P	P		
21	JADHAV HANUMAN GANESH	P	A	P	P	P	P	P	P		
22	KALE PRIYANKA RAJENDRA	P	P	P	P	P	A	P	P		
23	KAMBLE BHAGWAT SURESHRAO	P	P	P	P	P	P	P	P		
24	KASHID PRATIK PANDURANG	P	P	P	P	P	P	P	P		
25	KASPATE GITA ASARAM	P	P	A	P	P	P	P	P		







## Sunderrao Solanke Mahavidyalaya Majalgaon

### Department of Chemistry

Remedial Classes First Year – 2019-20 (Second Semester – paper IV)

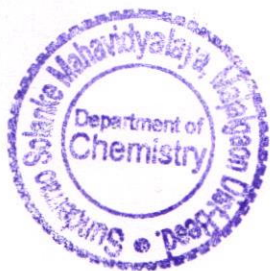
Attendance of Student of Remedial Coaching

Name of Faculty- Dr. Zine A. M.

Month – December

Sr. No.	Name of the Student	Date										
		6	7	13	14	20	21	27	28			
1	ARBE GOVIND BANDU	P	A	P	A	P	P	A	P			
2	ATAR SOHEL JABBAR	P	P	P	P	A	P	P	P			
3	BADADE ASHWINI NANDKISHOR	P	P	P	P	P	P	P	P			
4	BADADE MAHESH SHRIKISHAN	P	P	P	P	P	P	P	P			
5	BADADE RAHUL SHIVAJI	P	P	P	P	P	P	P	P			
6	BADE SUNITA SHANKAR	P	P	P	P	P	P	P	P			
7	BURANGE PRATIKSHA NAMDEV	A	P	P	P	P	P	P	P			
8	CHAVAN ROSHAN RAJEBHAU	P	P	P	P	P	P	P	A			
9	CHOURE YUVRAJ CHANDRAKANT	A	P	P	P	P	P	P	P			
10	CHOWKULE RUSHIKESH DHANANJAY	A	P	P	P	P	P	P	P			
11	CHUMBLE PRIYANKA VILAS	A	P	P	P	P	P	P	P			
12	GANGE HANUMAN ASHRUBA	P	P	P	P	P	P	A	P			
13	GAVATE MAHESH KASHINATH	P	P	P	P	P	P	P	P			
14	GHATUL VAISHNAVI PRALHAD	P	P	P	P	P	P	P	P			
15	GHAYTIDAK AVINASH SAMPATI	P	P	P	P	P	P	P	P			
16	GHOOGARE VAIBHAV VASHISHTHA	P	P	A	P	P	A	P	P			
17	GORE SURAJ SATAVA	P	P	P	P	P	P	P	P			
18	INAMDAR KHAWAJA NAIMUDDIN KHAWAJA MOINUDDIN	P	P	P	P	P	P	P	P			
19	INGOLE BHAGYASHRI SUDHAKAR	P	P	P	P	P	P	P	P			
20	INGOLE GANESH SURESH	P	A	P	P	P	P	P	P			
21	JADHAV HANUMAN GANESH	P	P	P	P	P	P	P	P			
22	KALE PRIYANKA RAJENDRA	P	P	P	P	A	P	A	P			
23	KAMBLE BHAGWAT SURESHRAO	P	P	P	P	P	P	P	P			
24	KASHID PRATIK PANDURANG	P	A	P	P	P	P	P	P			
25	KASPATE GITA ASARAM	P	P	P	P	P	P	P	P			





**Sunderrao Solanke Mahavidyalaya Majalgaon**  
**Department of Chemistry**

Remedial Classes First Year – 2019-20 (Second Semester – paper IV)

Attendance of Student of Remedial Coaching

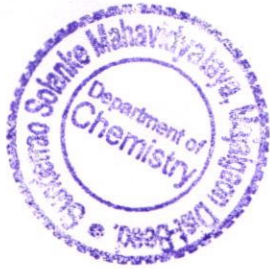
Name of Faculty- Dr. Zine A. M.

Month – December

Sr. No.	Name of the Student	Date									
		5	7	13	14	20	21	27	28		
26	MALWADKAR ADITYA SHRISHERAO	P	P	P	P	A	P	A	P		
27	MANMODE SUDARSHAN SUNILRAO	P	P	P	P	P	A	P	A		
28	MATRE GEETANJALI MASURAM	P	P	P	P	P	P	P	P		
29	MAYKAR SANDESH RAJABHAU	P	P	A	P	P	P	P	P		
30	NAGARGOJE SUSHAN BHEEMRAO	P	P	P	P	P	P	P	P		
31	PAWAR AJAY MADHUKAR	A	P	P	P	P	P	P	P		
32	PITALWADE GANESH BHAGWAT	P	P	P	P	P	P	P	P		
33	POPALGHAT SHANKAR GANESHRAO	P	P	P	A	P	P	P	P		
34	PURI PRASHANT MOHAN	P	P	P	P	P	P	P	P		
35	SALVE SANKET DASHRATH	P	P	P	P	P	P	P	P		
36	SARUK RUPALI SITARAM	P	P	P	P	A	P	P	P		
37	SAWANT SAURABH NAGNATH	P	P	A	P	P	P	P	A		
38	SHAIKH MUSTAKHIM AYYUB	A	P	P	P	P	P	P	P		
39	SHAIKH SAJIL MAKSUD	P	P	P	P	P	P	P	P		
40	SHAIKH SOHAL SHAIKH RUSTUM	P	P	P	P	P	P	P	P		
41	SHINDE VITTHAL ARJUN	P	A	P	P	P	P	P	P		
42	SOLANKE KANCHAN KAILASRAO	P	P	P	P	P	P	P	P		
43	SURVASE SIDHANT ASHOK	P	P	P	P	P	P	P	P		
44	TAUR DNYANESHWAR ASMAN	P	P	P	P	P	P	A	P		
45	THORAT SANDIP RAMESH	P	P	A	P	P	P	P	P		
46	UBALE ASHWINI MOHANRAO	P	P	P	P	P	P	P	P		
47	UJGARE SIDHANT SUDHAKARARRO	P	P	P	P	P	P	P	P		
48	WAGHMARE PROMOD GANGADHAR	P	P	P	P	P	P	P	A		
49	WAWDHANE GAJANAN MANIKRAO	P	P	P	P	P	P	P	P		
50	YEWALE RAMESH JYOTIRAM	P	A	A	P	A	P	P	P		





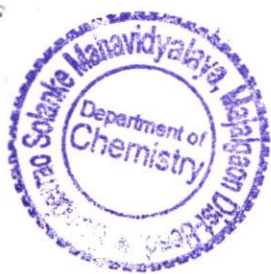


**Sunderrao Solanke Mahavidyalaya Majalgaon**  
**Department of Chemistry**  
 Remedial Classes First Year – 2019-20 (Second Semester – paper V)  
 Attendance of Student of Remedial Coaching  
 Name of Faculty- Mr. Ipper S. N.  
 Month – January

Sr. No.	Name of the Student	Date							
		3	4	10	11	17	18	24	25
26	MALWADKAR ADITYA SHRISHERAO	P	P	P	P	A	P	P	A
27	MANMODE SUDARSHAN SUNILRAO	A	P	A	P	P	P	P	P
28	MATRE GEETANJALI MASURAM	P	P	P	P	P	P	P	P
29	MAYKAR SANDESH RAJABHAU	P	P	P	P	P	P	P	P
30	NAGARGOJE SUSHAN BHEEMRAO	P	P	P	P	P	P	P	A
31	PAWAR AJAY MADHUKAR	P	A	P	P	P	P	P	P
32	PITALWADE GANESH BHAGWAT	P	P	P	P	P	P	P	P
33	POPALGHAT SHANKAR GANESHRAO	P	P	P	P	P	P	P	P
34	PURI PRASHANT MOHAN	P	P	P	P	P	A	P	P
35	SALVE SANKET DASHRATH	P	P	P	P	P	P	P	P
36	SARUK RUPALI SITARAM	P	P	P	P	P	P	P	A
37	SAWANT SAURABH NAGNATH	P	P	P	P	P	P	P	P
38	SHAIKH MUSTAKHIM AYYUB	A	P	P	P	P	P	A	P
39	SHAIKH SAJIL MAKSUD	P	P	P	A	P	P	P	P
40	SHAIKH SOHAL SHAIKH RUSTUM	P	P	P	P	P	P	P	A
41	SHINDE VITTHAL ARJUN	P	A	P	P	P	P	P	P
42	SOLANKE KANCHAN KAILASRAO	P	P	P	P	P	P	P	P
43	SURVASE SIDHANT ASHOK	P	P	P	P	P	P	P	P
44	TAUR DNYANESHWAR ASMAN	A	P	P	P	P	P	P	P
45	THORAT SANDIP RAMESH	P	P	P	P	A	P	P	P
46	UBALE ASHWINI MOHANRAO	P	A	P	P	P	A	P	P
47	UJGARE SIDHANT SUDHAKARARRO	P	P	P	P	P	P	P	P
48	WAGHMARE PROMOD GANGADHAR	P	P	P	P	P	P	P	P
49	WAWDHANE GAJANAN MANIKRAO	P	P	P	P	P	P	P	P
50	YEWALE RAMESH JYOTIRAM	P	A	P	P	P	P	P	P

*S. N. Ipper*  
 HEAD





Marathwada Shikshan Prasarak Mandal's

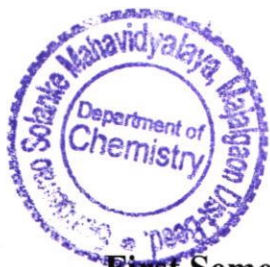
**Sunderrao Solanke Mahavidyalaya**  
**Majalgaon, Dist. Beed**

Time Table for Remedial Course  
Academic Year 2018-19

Day	Subject	Time	Hall No.
Monday	Mathematics	5 to 6	71
Tuesday	Mathematics	5 to 6	71
Wednesday	Physics	5 to 6	71
Thursday	Physics	5 to 6	71
Friday	Chemistry	5 to 6	71
Saturday	Chemistry	5 to 6	71

  
**HEAD**

Department Of Chemistry  
Sunderrao Solanke Mahavidyalaya  
Majalgaon, Dist. Beed.



# Remedial Coaching Syllabus

## First Semester

### Paper I Inorganic Chemistry

8 Hrs

#### I Atomic Structure:

Atomic orbital's Quantum numbers, Heisenberg uncertainty principle, Aufbau and Pauli exclusion principles. Hund's multiplicity rule. Electronic configurations of the elements,

#### II Periodic Properties:

Atomic and Ionic radii, Ionization Energy, Electron affinity and Electro negativity. Trends in periodic table and application in predicting and explaining the chemical behavior.

### Paper-II Organic Chemistry

8 Hrs

#### Alkanes:

Methods of formation (Koble reaction, Corey – House reaction and decarboxylation of carboxylic acids) Physical properties and Chemical reactions of Alkanes Chlorination, Nitration, Sulphonation, Catalytic oxidation.

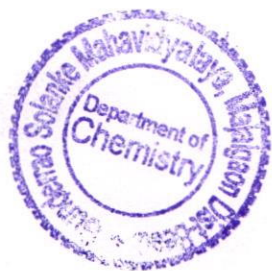
#### Alkenes:

Nomenclature of alkenes, methods of formation, mechanisms of dehydration of alcohols and dehydrohalogenation of alkyl halides. The Saytzeff rule, Hofmann elimination Markownikoff's rule.

#### Arenes:

Nomenclature of benzene derivatives. Molecular formula and Kekule structure. Resonance structure, MO Picture.





## Remedial Coaching Syllabus

### Second Semester

#### Paper-IV Physical Chemistry

8 Hrs

##### I Mathematical Concepts:

Logarithmic relations, calculation of slopes, differentiation of functional like  $kx$ ,  $ex$ ,  $X^n$ ,  $\sin X$ ,  $\log X$ ; maxima and minima, partial differentiation.

##### II Gaseous states:

Postulates of kinetic theory of gases, kinetic gas equation, Deduction of Gas Laws: Boyles Law, Charles Law, Grahams Law of diffusion.

##### III Solid State:

Types of solids, Amorphous, Laws of crystallography – (i) Law of constancy of interfacial angles (ii) Law of rationality of indices (iii) Law of symmetry.

##### IV Chemicals kinetics and Catalysis:

Chemicals Kinetics, rate of reaction, factors influencing the rate of reaction – Derivation of rate law and characteristics of simple chemical reaction – zero order, first order, second order, pseudo order.

#### Paper – V Inorganic Chemistry

8 Hrs

##### I Chemistry of noble gases:

Chemical properties of the noble gases, chemistry of xenon, structure and bonding in xenon compounds.

##### II Chemical Bonding:

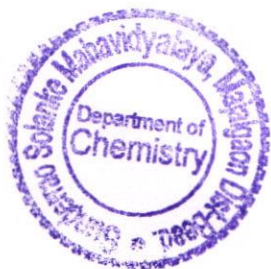
Covalent Bond – Valence theory and its limitations, directional characteristics of covalent bond, various types of hybridization and shapes of simple inorganic molecules and ions, Valence shell electron pair repulsion (VSEPR) theory of  $NH_3$ ,  $SF_4$ ,  $ClF_3$ ,  $ICl_2$  and  $H_2O$ .

##### III Nuclear Chemistry:

Definition; Atomic number, mass number, Isotopes, Isobars mass defect and Binding Energy, Packing fraction  $N/Z$  ratio, Radio activity, properties of  $\alpha$ ,  $\beta$  and  $\gamma$ , artificial transmutation.







**Sunderrao Solanke Mahavidyalaya Majalgaon**  
**Department of Chemistry**

Remedial Classes First Year – 2018-19 (First Semester – paper I)

Attendance of Student of Remedial Coaching

Name of Faculty- Dr. Zine A. M.

Month – August

Sr. No.	Name of the Student	Date										
		3	4	10	11	17	18	24	25	31		
26	Gore Nandkumar Prabhakar	P	P	A	P	P	P	P	P	P		
27	Gore Rameshwar Babasaheb	P	P	P	P	P	P	P	P	P		
28	Ithape Sumit Uttam	P	P	P	P	P	P	P	P	P		
29	Jadhav Shivkanya Vishwanath	P	P	P	P	P	A	P	P	P		
30	Jagdale Savita Bharat	A	P	P	P	P	P	P	P	P		
31	Jogade Govind Balasaheb	P	P	P	P	P	P	P	P	P		
32	Kadam Akshay Satish	P	A	P	P	P	P	P	P	P		
33	Kadam Vikas Satyaprem	P	P	P	P	P	P	P	P	P		
34	Kashid Pratik Pandurang	P	P	P	P	P	P	P	P	P		
35	Katare Vijaya Ramnath	P	P	P	P	P	P	P	P	P		
36	Kavhali Uma Namdev	P	P	P	P	P	P	A	P	P		
37	Kolse Amruta Bhagwat	P	P	P	P	P	P	P	P	P		
38	Korde Mohan Ramprasad	P	P	P	P	P	P	A	P	P		
39	Kulkarni Saurabh Santoshrao	P	P	P	P	P	P	P	P	P		
40	Luchare Mahesh Suresh	P	P	P	P	P	P	A	P	P		
41	More Vikas Himmat	P	P	P	P	P	P	A	P	P		
42	Munishwar Kajal Ashokrao	A	P	P	P	P	P	P	P	P		
43	Naiknaware Vaishnavi Vasantrao	P	A	P	P	P	P	A	P	P		
44	Nawadekar Amruta Balasaheb	P	P	A	P	P	P	P	P	P		
45	Salve Rekha Prabhakar	P	P	P	P	P	P	P	P	P		
46	Satpute Muralidhar Shankar	P	P	P	P	P	P	P	P	P		
47	Sawant Dhananjay Satyanarayan	A	P	P	P	P	P	P	P	P		
48	Shaikh Afroj Shaikh Abdul	P	P	P	P	P	P	A	P	P		
49	Shinde Ritu Ravindra	P	P	P	P	P	P	A	P	P		
50	Solanke Pradip Ganeshrao	P	P	P	P	P	P	P	P	A		



















**Sunderrao Solanke Mahavidyalaya Majalgaon**  
**Department of Chemistry**

Remedial Classes First Year – 2018-19 (Second Semester – paper V)

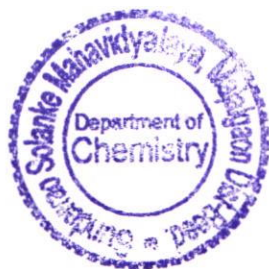
Attendance of Student of Remedial Coaching

Name of Faculty- Mr. Ipper S. N.

Month – January

Sr. No.	Name of the Student	Date									
		4	5	11	12	18	19	25	26		
26	Gore Nandkumar Prabhakar	P	P	P	P	P	A	P	P		
27	Gore Rameshwar Babasaheb	P	P	P	P	P	P	P	P		
28	Ithape Sumit Uttam	P	A	P	P	A	P	P	P		
29	Jadhav Shivkanya Vishwanath	P	P	P	P	A	P	P	P		
30	Jagdale Savita Bharat	P	P	P	P	A	P	P	P		
31	Jogade Govind Balasaheb	A	P	P	P	P	P	P	P		
32	Kadam Akshay Satish	P	A	P	P	P	P	P	A		
33	Kadam Vikas Satyaprem	P	P	P	P	A	P	P	P		
34	Kashid Pratik Pandurang	P	P	P	P	P	P	P	P		
35	Katare Vijaya Ramnath	P	P	A	P	P	P	P	P		
36	Kavhali Uma Namdev	P	P	P	P	P	P	P	P		
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40	Luchare Mahesh Suresh	P	P	P	P	P	P	P	A		
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48	Shaikh Afroj Shaikh Abdul	P	P	A	P	P	P	P	P		
49	Shinde Ritu Ravindra	P	P	P	P	P	P	P	P		
50	Solanke Pradip Ganeshrao	P	P	P	P	P	P	P	P		

*S. N. Ipper*  
**HEAD**



Marathwada Shikshan Prasarak Mandal's

**Sunderrao Solanke Mahavidyalaya**  
**Majalgaon, Dist. Beed**

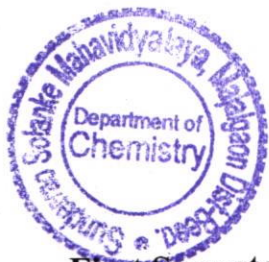
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Department Of Chemistry  
Sunderrao Solanke Mahavidyalaya  
Majalgaon, Dist.Beed.





## **First Semester**

### **Paper I Inorganic Chemistry**

#### **I Atomic Structure:**

Atomic orbital's, Quantum numbers, Heisenberg uncertainty principle,. Aufbau and Pauli exclusion principles. Hund's multiplicity rule. Electronic configurations of the elements,

#### **II Periodic Properties:**

Atomic and Ionic radii, Ionization Energy, Electron affinity and Electro negativity. Trends in periodic table and application in predicting and explaining the chemical behavior.

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Methods of formation (Koble reaction, Corey - House reaction and decarboxylation of carboxylic acids)

Physical properties and Chemical reactions of alkanes Chlorination, Nitration, Sulphonation, Catalytic oxidation.

#### **Alkenes :**

Nomenclature of alkenes, methods of formation, mechanisms of dehydration of alcohols and dehydrohalogenation of alkyl halides. The Saytzeff rule, Hofmann elimination Markownikoff's rule.

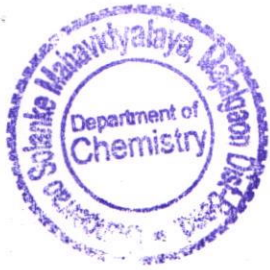
#### **Arenes :**

Nomeclature of benzene derivatives. molecular formula and Kekule structure.

Resonance Structure, MO Picture.







Sunderrao Solanke Mahavidyalaya Majalgaon

Department of Chemistry

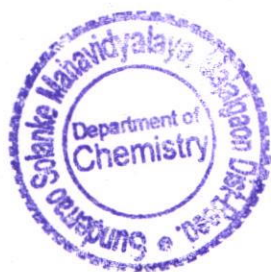
Remedial Classes Year:-2017-18

Attendance of students of Remedial Coaching

Name of Faculty – Mr. S. N. Ipper & Mr. S. C. Motekar

Month- August

Sr No	Name of the student	Dates									
		4	5	11	12	18	19	26			
1	KACHARE SONALI P	P	P	P	P	P	P	P			
2	JAGTAP SHAMBALA D.	P	P	P	A	P	P	P			
3	FULGE NIKHIL A.	P	P	P	P	P	P	P			
4	Kurule Prinyaka	P	P	P	P	P	P	P			
5	AAGE ROHIT H.	P	A	P	P	P	P	P			
6	GHATUL RAHUL V.	P	P	P	P	P	P	P			
7	JADHAV RAHUL R.	P	P	P	P	A	P	P			
8	DALVI SUVARNA B.	P	P	P	P	P	P	P			
9	GOPAL ASHOK N.	P	P	P	P	P	P	P			
10	CHAVAN DIPALI A.	P	P	P	P	P	P	P			
11	BADADE VIDYA G.	P	P	P	P	P	P	P			
12	JADHAV RANI V.	P	P	P	P	P	P	P			
13	JADHAV RUTUJA L.	P	P	A	P	P	P	A			
14	DHANDE SEEMA B.	P	P	P	P	P	P	P			
15	GORE RAMESHWAR B	P	P	P	P	P	P	P			
16	FUKTE AMAR B.	A	P	P	P	P	P	P			
17	GAVANE RUTUJA S.	P	P	P	A	P	P	P			
18	INGALE VITTHAL M.	P	P	P	P	P	P	P			
19	JAGTAP ROHINI A.	P	P	P	P	P	P	P			
20	GORE NANDKUMAR P.	P	P	P	P	P	P	P			
21	ATTAR SOYAB H.	P	P	P	P	P	A	P			
22	GAYKE AKANKSHA M.	P	P	P	P	P	P	P			
23	BARVE DIPALI S.	P	P	A	P	P	P	P			
24	DANGRE GEETA A.	P	P	P	P	P	P	P			
25	CHAVAN SANTOSH S.	P	P	P	P	P	P	P			



Sunderrao Solanke Mahavidyalaya Majalgaon

Department of Chemistry

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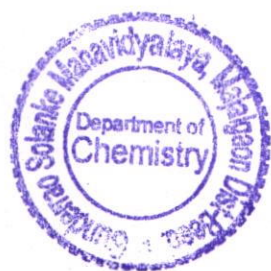
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29	RATHOD SONAL S.	P	P	P	P	P	P	P			
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32	RODGE VIKAS S.	P	P	P	P	A	P	P			
33	RUDRAWAR KRISHNA S.	P	P	P	P	P	P	P			
34	SABLE JAGDISH N.	P	P	P	P	P	P	P			
35	THORAT YOGESH H.	P	P	P	P	P	P	P			
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38	SOLANKE ASHWINI V	P	A	P	P	P	P	P			
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40	TAUR UDDHAV J.	P	P	A	P	P	P	P			
41	SOLANKE PRADIP G.	P	P	P	P	P	P	P			
42	TATE ANJALI U.	P	P	P	P	P	P	P			
43	TANGADE GAJANAN T.	A	P	P	P	P	P	P			
44	SOLANKE RUSHIKESH S.	P	P	P	P	P	A	P			
45	UBALE PUNAM M.	P	P	A	P	P	P	P			
46	Yadhav Atish P	P	A	P	P	P	P	P			
47	Zute Nilesh K	P	P	P	A	P	P	P			
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Sunderrao Solanke Mahavidyalaya Majalgaon

Department of Chemistry

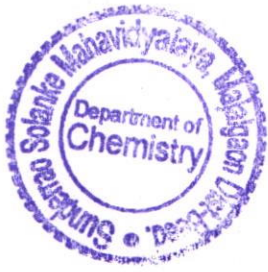
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Sunderrao Solanke Mahavidyalaya Majalgaon

Department of Chemistry

Remedial Classes Year:-2017-18

Attendance of students of Remedial Coaching

Name of Faculty – Mr. S. N. Ipper & Mr. S. C. Motekar

Month- September

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50	LAGAD RUSHIKESH K.	P	P	P	P	P	P	P	P			

*S. N. Ipper*  
HEAD

Department Of Chemistry  
Sunderrao Solanke Mahavidyalaya  
Majalgaon, Dist. Beed.



M S P Mandal's


**Sunderrao Solanke Mahavidyalaya**

**Majalgaon, Dist. Beed**

Time Table for Remedial Course

Academic Year 2021-22

Day	Subject	Time	Hall No.
Monday	Mathematics	5 to 6	71
	Zoology	5 to 6	72
Tuesday	Mathematics	5 to 6	71
	Zoology	5 to 6	72
Wednesday	Physics	5 to 6	71
	Botany	5 to 6	72
Thursday	Physics	5 to 6	71
	Botany	5 to 6	72
Friday	Chemistry	5 to 6	71
Saturday	Chemistry	5 to 6	71

  
**Head**  
**Department Of Physics,**  
**Sunderrao Solanke Mahavidyalaya,**  
**Majalgaon Dist - Beed.**

# Remedial Coaching Syllabus

## B. Sc. I Year Physics (Semester-I) (Mechanics, Properties of Matter and Sound)

**1. Compound Pendulum**- expression of time period, Interchangeability of centre of suspension and oscillation, Kater's Pendulum. Newton's law of Gravitation (Statement only), Gravitational Field, Gravitational Potential, Gravitational Potential of mass

**2. Elasticity**: - Introduction , Moduli of Elasticity ( Elastic constants ), Twisting couple on a cylinder, Bending of Beam – Bending moment, cantilever loaded at free end – (a) When weight of beam is ineffective, (b) When weight of beam is effective, Depression of Beam loaded at centre

**3. Viscosity and Surface Tension Viscosity** - Introduction, energy of liquid in motion, Bernoulli's Theorem, practical applications: (i) Law of hydrostatic pressure (ii) Filter pump, Poiseuille's formula. Surface Tension - Introduction, Difference of pressure across a curved surface, Determination of S.T. by Jaeger's method

## B. Sc. I Year Physics (Semester-I) (Heat and Thermodynamics)

### 1) Thermal Conductivity: -

Transference of heat, Coefficient of thermal conductivity, rectilinear flow of heat along a metal bar, Methods of radial flow of heat-(i)spherical shell method and (ii)Flow of heat along the wall of a cylindrical tube, comparison of conductivities of different metals.

**2) Real Gases and Transport Phenomena**: - 12 periods Real Gases – Introduction, Reason for modification of gas equation, Van der Waals equation of state , comparison with experimental curves, critical constants, constants of Van der Waals equation. Transport phenomena–Introduction, mean free path, sphere of influence, and expression for mean free path, variation of mean free path with temperature and pressure, transport phenomena, viscosity, Thermal conductivity (their interrelationship, dependence on temperature and pressure).

**3) Thermodynamics**: - 12 periods Adiabatic process, Adiabatic equation of a perfect gas, Isothermal process, Indicator diagram, work done during isothermal process and adiabatic process, reversible and irreversible process, Second law of thermodynamics. (Kelvin and Clausius statement), Heat engines, Carnot's ideal heat engine, Carnot's cycle (work done and Efficiency).



**4) Entropy and Thermodynamic relations:** - 11 Periods General notation of entropy, change of entropy is independent of path, change of entropy in a reversible and irreversible process, Formulation of the second law in terms of entropy, Maxwell's thermodynamical relations, Applications of Maxwell's relations –i) Clausius – Clapeyron equation, ii) T-ds equations.

## **B. Sc. I Year Physics (Semester- II) (Geometrical and Physical Optics)**

### **1) Geometrical Optics and Optical Instruments: -**

Cardinal points of optical system - Focal points, Principal points, Nodal points and corresponding planes, coaxial lens system - equivalent focal length and cardinal points. Huygens's Eyepiece, Ramsden's eyepiece and their cardinal points,

**2) Interference:** - Interference in thin film due to reflected and transmitted light, wedge shaped thin film, Newton's rings by reflected light, determination of wavelength, Michelson's Interferometer, type of fringes, determination of wavelength and difference in wavelength.

**3) Diffraction:** Introduction, Diffraction at a thin wire, Fraunhofer diffraction at double slit (Interference and diffraction maxima, minima), Plane Transmission diffraction grating, Determination of wavelength (Normal incidence), Resolving power of optical instruments (Rayleigh's criterion), R. P. of prism and grating.

**4) Polarization:** - Introduction, Malus law, Double refraction, Huygens's theory of double refraction in uniaxial crystal, Nicol prism. Optical activity, Fresnel's theory of optical rotation, specific Rotation, Laurentz's half – shade polarimeter, Determination of specific rotation of sugar solution.

## **B. Sc. I Year Physics (Semester- II) (Electricity and Magnetism)**

### **1) Vector Algebra: -**

Dot and cross product (Revision), scalar triple product and its geometrical interpretation, vector triple product, gradient of a scalar and its physical interpretation, Divergence and curl of vector function and their physical interpretation, line, surface and volume integrals, Gauss's divergence theorem and Stoke's theorem .

**2) Electrostatics:** - 13 Periods Coulomb's Law , Electric field , field due to point charge, flux of electric field, Gauss's law ( with proof ) , Differential from of

Gauss law , electric potential , potential due to a point charge, Potential and field due to electric dipole. Dielectrics, polarization of dielectric, Gauss's law in dielectrics, Relation between D, E and P.

**3) Magnetostatics:** - 10 Periods Magnetic field , Magnetic induction , magnetic flux , Biot-Savart law, Magnetic induction due to straight conductor carrying current , magnetic induction on the axis of solenoid ,Ampere's Law, Differential form Ampere's Law, Moving coil ballistic Galvanometer - expression for charge.

**4) Transient Currents:** - 10 periods Growth and decay of current in a circuit containing L and R, charge and discharge of a capacitor through resistor, Growth and decay of charge in LCR circuit.



**Head**  
**Department Of Physics,**  
**Sunderrao Solanke Mahavidyalaya,**  
**Majalgaon Dist - Beed.**



**Sunderrao Solanke Mahavidyalaya Majalgaon**  
**Department of Physics**

Remedial Classes First Year – 2021-22 (First Semester – paper I)

Attendance of Student of Remedial Coaching

Name of Faculty- Mr. K J Langade

Month-as per University guidelines

Sr. No.	Name of the Student	Date											
		17/11	18/11	1/12	2/12	8/12	9/12	15/12	16/12	22/12	23/12	29/12	
1	ABUJ NARHARI KISAN	P	P	P	P	P	P	P	A	P	P	P	
2	BHARASKAR SANKET GORAKNATH	P	P	P	P	A	P	P	P	P	P	P	
3	CHANDANE SANKET DATTATRAY	P	P	P	P	P	P	P	P	P	P	P	
4	CHAVAN RUTUJA SAHEBRAO	P	P	P	P	P	P	P	P	A	A		
5	CHAVAN SANTOSH BANSIDHAR	P	P	P	P	P	P	P	P	P	P	P	
6	CHOPADE SUMIT SUBHASH	A	P	P	P	P	P	P	P	P	P	P	
7	DAKE DNYANESHWARI DATTATRAY	P	P	P	P	P	P	P	P	P	P	P	
8	DAKE SURAJ SANTOSH	P	P	P	P	P	P	P	P	P	P	P	
9	DHIRDE MADHURI AVINASH	P	A	P	P	P	P	P	P	P	P	P	
10	DHISALE AJAY SANJAY	P	P	P	P	P	P	P	P	P	P	P	
11	GAIKWAD GANESH MAHADEV	P	P	A	P	P	P	P	P	P	P	P	
12	GAIKWAD NIKITA KASHINATH	P	P	P	P	P	P	P	P	P	P	P	
13	GAVALI RANI RANGNATH	P	P	P	P	A	P	P	P	P	P	P	
14	GHODKE SHITAL BHIMRAO	P	P	P	P	P	P	P	P	A	P		
15	HOKE SHRADDHA SUNIL	P	P	A	P	P	P	P	P	P	P	P	
16	JADHAV GOVIND GAJENDRA	P	P	P	P	P	P	A	P	P	P	P	
17	JADHAV MIRA ARJUN	P	B	P	A	P	P	P	P	P	P	P	
18	JAGTAP SUNIL DEVIDAS	P	P	P	P	P	P	P	P	P	P	P	
19	JANGLE UMESH SADANAND	P	P	P	P	P	P	A	P	P	P	A	
20	KADAM RAJESH MAHADEV	P	P	P	P	P	P	P	P	P	P	P	
21	KHANDAGALE ANIKET BAJIRAO	A	P	P	P	P	P	P	P	P	P	P	
22	KOLHE VISHAL SANDIPAN	P	P	P	P	P	P	P	P	P	P	P	
23	KOLHE VISHAL VILAS	P	P	P	P	P	P	P	P	P	P	P	
24	KURE AARTI GANESHRAO	P	P	P	P	P	P	P	P	A	P	P	
25	LANGADE SAMIKSHA SITARAM	P	P	P	P	A	P	P	P	P	P	P	



## Sunderrao Solanke Mahavidyalaya Majalgaon

### Department of Physics

Remedial Classes First Year – 2021-22 (First Semester – paper II)

Attendance of Student of Remedial Coaching

Name of Faculty- Dr S K Vyawahare

Month-as per University guidelines

Sr. No.	Name of the Student	Date										
		5/1	6/1	12/1	13/1	19/1	26/1	27/1	28/1	29/1	31/1	1/2
1	ABUJ NARHARI KISAN	P	P	P	P	P	P	P	P	P	P	P
2	BHARASKAR SANKET GORAKNATH	A	P	P	P	P	P	P	P	P	P	P
3	CHANDANE SANKET DATTATRAY	P	P	P	A	P	A	P	P	P	P	P
4	CHAVAN RUTUJA SAHEBRAO	P	P	P	P	P	P	P	P	P	P	P
5	CHAVAN SANTOSH BANSIDHAR	P	P	P	P	P	P	A	P	P	P	P
6	CHOPADE SUMIT SUBHASH	P	P	P	P	P	P	P	P	P	P	P
7	DAKE DNYANESHWARI DATTATRAY	P	P	P	P	P	P	P	P	P	A	P
8	DAKE SURAJ SANTOSH	P	P	P	P	P	P	P	P	P	P	P
9	DHIRDE MADHURI AVINASH	P	P	A	P	P	P	P	P	P	P	P
10	DHISALE AJAY SANJAY	P	P	P	P	P	P	P	P	P	P	A
11	GAIKWAD GANESH MAHADEV	P	P	P	P	P	P	P	P	P	P	P
12	GAIKWAD NIKITA KASHINATH	P	P	P	P	P	P	A	P	P	P	P
13	GAVALI RANI RANGNATH	P	P	P	P	P	P	P	P	P	P	P
14	GHODKE SHITAL BHIMRAO	P	P	P	P	P	P	A	P	P	P	P
15	HOKE SHRADDHA SUNIL	P	P	P	P	P	P	P	P	P	P	P
16	JADHAV GOVIND GAJENDRA	P	P	P	P	P	P	P	P	P	P	P
17	JADHAV MIRA ARJUN	P	P	P	P	P	P	P	P	P	P	P
18	JAGTAP SUNIL DEVIDAS	P	P	P	P	P	P	P	P	P	P	P
19	JANGLE UMESH SADANAND	P	P	P	P	P	P	P	P	P	P	P
20	KADAM RAJESH MAHADEV	P	P	P	P	P	P	P	P	P	P	P
21	KHANDAGALE ANIKET BAJIRAO	P	P	A	P	P	P	P	P	P	P	P
22	KOLHE VISHAL SANDIPAN	P	P	P	P	P	P	P	P	P	P	P
23	KOLHE VISHAL VILAS	P	P	P	P	P	P	P	P	P	P	P
24	KURE AARTI GANESHRAO	P	P	P	P	P	P	P	P	P	P	A
25	LANGADE SAMIKSHA SITARAM	P	P	P	P	P	P	A	P	A	P	P







**Sunderrao Solanke Mahavidyalaya Majalgaon**


**Department of Physics**

Remedial Classes First Year – 2021-22 (Second Semester – paper II)

Attendance of Student of Remedial Coaching

Name of Faculty- Dr S K Vyawahare

Sr. No.	Name of the Student	Date										
		2/2	3/2	9/2	10/2	16/2	17/2	18/2	19/2	23/2	24/2	26/2
1	ABUJ NARHARI KISAN	P	P	P	P	P	P	P	A	P	P	P
2	BHARASKAR SANKET GORAKNATH	P	P	P	P	P	P	P	P	P	A	P
3	CHANDANE SANKET DATTATRAY	P	P	P	P	A	P	P	P	P	P	P
4	CHAVAN RUTUJA SAHEBRAO	P	P	P	P	P	P	P	P	P	A	P
5	CHAVAN SANTOSH BANSIDHAR	P	P	P	P	A	P	P	P	P	P	P
6	CHOPADE SUMIT SUBHASH	P	P	P	P	P	P	P	P	P	P	P
7	DAKE DNYANESHWARI DATTATRAY	P	P	P	P	P	P	P	P	P	A	P
8	DAKE SURAJ SANTOSH	P	P	P	P	A	P	P	P	P	P	P
9	DHIRDE MADHURI AVINASH	A	P	P	P	P	P	P	P	P	P	P
10	DHISALE AJAY SANJAY	P	P	P	P	P	A	P	P	P	P	P
11	GAIKWAD GANESH MAHADEV	P	P	P	P	P	P	P	P	P	P	A
12	GAIKWAD NIKITA KASHINATH	P	P	P	P	A	P	P	P	P	P	P
13	GAVALI RANI RANGNATH	P	P	P	P	P	P	P	P	P	P	A
14	GHODKE SHITAL BHIMRAO	P	A	P	P	P	P	P	P	P	P	P
15	HOKE SHRADDHA SUNIL	P	P	P	P	P	P	P	P	P	A	P
16	JADHAV GOVIND GAJENDRA	P	P	P	P	P	A	P	P	P	P	P
17	JADHAV MIRA ARJUN	P	P	P	P	P	P	P	P	P	P	P
18	JAGTAP SUNIL DEVIDAS	P	P	P	P	A	P	P	P	P	P	P
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20	KADAM RAJESH MAHADEV	P	P	P	P	P	P	P	A	P	P	P
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23	KOLHE VISHAL VILAS	P	P	P	P	P	P	P	P	P	P	P
24	KURE AARTI GANESHRAO	P	P	P	P	P	P	P	P	P	A	P
25	LANGADE SAMIKSHA SITARAM	P	P	P	P	P	P	P	P	A	P	P

  
**Head**  
 Department Of Physics,  
 Sunderrao Solanke Mahavidyalaya,  
 Majalgaon Dist - Beed.



M S P Mandal's

**Sunderrao Solanke Mahavidyalaya**

**Majalgaon, Dist. Beed**

Time Table for Remedial Course

Academic Year 2017-18

Day	Subject	Time	Hall No.
Monday	Mathematics	5 to 6	71
	Zoology	5 to 6	72
Tuesday	Mathematics	5 to 6	71
	Zoology	5 to 6	72
Wednesday	Physics	5 to 6	71
	Botany	5 to 6	72
Thursday	Physics	5 to 6	71
	Botany	5 to 6	72
Friday	Chemistry	5 to 6	71
Saturday	Chemistry	5 to 6	71

Head  
Department Of Physics  
Sunderrao Solanke Mahavidyalaya  
Majalgaon Dist. Beed.

# Remedial Coaching Syllabus

## B. Sc. I Year Physics (Semester-I) (Mechanics, Properties of Matter and Sound)

**1. Compound Pendulum**- expression of time period, Interchangeability of centre of suspension and oscillation, Kater's Pendulum. Newton's law of Gravitation (Statement only), Gravitational Field, Gravitational Potential, Gravitational Potential of mass

**2. Elasticity**: - Introduction , Moduli of Elasticity ( Elastic constants ), Twisting couple on a cylinder, Bending of Beam – Bending moment, cantilever loaded at free end – (a) When weight of beam is ineffective, (b) When weight of beam is effective, Depression of Beam loaded at centre

**3. Viscosity and Surface Tension** Viscosity - Introduction, energy of liquid in motion, Bernoulli's Theorem, practical applications: (i) Law of hydrostatic pressure (ii) Filter pump, Poiseuille's formula. Surface Tension - Introduction, Difference of pressure across a curved surface, Determination of S.T. by Jaeger's method

## B. Sc. I Year Physics (Semester-I) (Heat and Thermodynamics)

### 1) Thermal Conductivity: -

Transference of heat, Coefficient of thermal conductivity, rectilinear flow of heat along a metal bar, Methods of radial flow of heat-(i)spherical shell method and (ii)Flow of heat along the wall of a cylindrical tube, comparison of conductivities of different metals.

**2) Real Gases and Transport Phenomena**: - 12 periods Real Gases – Introduction, Reason for modification of gas equation, Van der Waals equation of state , comparison with experimental curves, critical constants, constants of Van der Waals equation. Transport phenomena–Introduction, mean free path, sphere of influence, and expression for mean free path, variation of mean free path with temperature and pressure, transport phenomena, viscosity, Thermal conductivity (their interrelationship, dependence on temperature and pressure).

**3) Thermodynamics**: - 12 periods Adiabatic process, Adiabatic equation of a perfect gas, Isothermal process, Indicator diagram, work done during isothermal process and adiabatic process, reversible and irreversible process, Second law of thermodynamics. (Kelvin and Clausius statement), Heat engines, Carnot's ideal heat engine, Carnot's cycle (work done and Efficiency).



**4) Entropy and Thermodynamic relations:** - 11 Periods General notation of entropy, change of entropy is independent of path, change of entropy in a reversible and irreversible process, Formulation of the second law in terms of entropy, Maxwell's thermodynamical relations, Applications of Maxwell's relations –i) Clausius – Clapeyron equation, ii) T-ds equations.

## **B. Sc. I Year Physics (Semester- II) (Geometrical and Physical Optics)**

### **1) Geometrical Optics and Optical Instruments: -**

Cardinal points of optical system - Focal points, Principal points, Nodal points and corresponding planes, coaxial lens system - equivalent focal length and cardinal points. Huygens's Eyepiece, Ramsden's eyepiece and their cardinal points,

**2) Interference:** - Interference in thin film due to reflected and transmitted light, wedge shaped thin film, Newton's rings by reflected light, determination of wavelength, Michelson's Interferometer, type of fringes, determination of wavelength and difference in wavelength.

**3) Diffraction:** Introduction, Diffraction at a thin wire, Fraunhofer diffraction at double slit (Interference and diffraction maxima, minima), Plane Transmission diffraction grating, Determination of wavelength (Normal incidence), Resolving power of optical instruments (Rayleigh's criterion), R. P. of prism and grating.

**4) Polarization:** - Introduction, Malus law, Double refraction, Huygens's theory of double refraction in uniaxial crystal, Nicol prism. Optical activity, Fresnel's theory of optical rotation, specific Rotation, Laurentz's half – shade polarimeter, Determination of specific rotation of sugar solution.

## **B. Sc. I Year Physics (Semester- II) (Electricity and Magnetism)**

### **1) Vector Algebra: -**

Dot and cross product (Revision), scalar triple product and its geometrical interpretation, vector triple product, gradient of a scalar and its physical interpretation, Divergence and curl of vector function and their physical interpretation, line, surface and volume integrals, Gauss's divergence theorem and Stoke's theorem .

**2) Electrostatics:** - 13 Periods Coulomb's Law , Electric field , field due to point charge, flux of electric field, Gauss's law ( with proof ) , Differential form of Gauss law , electric potential , potential due to a point charge, Potential and field

due to electric dipole. Dielectrics, polarization of dielectric, Gauss's law in dielectrics, Relation between D, E and P.

**3) Magnetostatics:** - 10 Periods Magnetic field , Magnetic induction , magnetic flux , Biot-Savart law, Magnetic induction due to straight conductor carrying current , magnetic induction on the axis of solenoid ,Ampere's Law, Differential form Ampere's Law, Moving coil ballistic Galvanometer - expression for charge.

**4) Transient Currents:** - 10 periods Growth and decay of current in a circuit containing L and R, charge and discharge of a capacitor through resistor, Growth and decay of charge in LCR circuit.

  
Head  
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Sunderao Solanke Mahavidyalaya,  
Majalgaon Dist - Beed.



**Sunderrao Solanke Mahavidyalaya Majalgaon**

**Department of Physics**

Remedial Classes First Year – 2017-18 (First Semester – paper I)

Attendance of Student of Remedial Coaching

Name of Faculty- Dr. V P Pawar

Month – August

Sr. No.	Name of the Student	Date										
		3/8	4/8	5/8	10/8	11/8	17/8	18/8	24/8	25/8	26/8	31/8
1	CHAURE ABHISHEK NIVRATI	P	A	P	P	P	A	P	P	A	P	P
2	CHAVAN UMESH RAMESHWAR	P	A	P	P	P	P	P	P	A	P	P
3	CHINCHANE PRAVIN PRABHAKAR	P	P	P	P	P	P	P	P	P	P	P
4	DESHMUKH VIVEK VITTHALRAO	P	P	P	P	A	P	P	P	P	A	A
5	DHAGE SHRIKANT BHARAT	P	P	P	A	P	P	A	A	P	P	A
6	GARAD NIKITA ASHOK	P	P	P	P	P	P	P	A	P	A	A
7	GHAMAT PRANJAL RAJENDRA	P	P	A	P	P	P	P	A	A	P	A
8	GHATUL DNYANESHWAR MURLIDHAR	P	A	P	A	P	P	A	P	P	P	P
9	GHATUL RAHUL VISHNU	A	P	P	P	P	P	P	P	P	P	P
10	GHOOGARE VAIBHAV VASHISHTHA	P	P	P	P	P	P	P	P	P	A	A
11	INGALE VITTHAL MAHADEV	P	P	P	P	A	P	P	A	P	P	A
12	JADHAV RUTUJA LALASAHEB	P	P	A	P	P	P	A	P	P	P	P
13	JOGADE GOVIND BALASAHEB	P	A	A	P	P	A	A	P	P	A	P
14	KADAM HARI RANJIT	P	P	P	P	A	P	P	P	P	P	P
15	KADAM NARAYAN BHAGWAT	P	P	P	P	P	P	P	A	P	P	P
16	KHILLARE AJAY BABASAHEB	P	A	A	A	P	P	A	P	A	P	P
17	KOLSE KISHOR PRLAHAD	P	P	P	P	P	P	A	P	P	A	A
18	KULKARNI KALYANI TULSHIDAS	A	P	P	P	P	A	P	P	P	P	P
19	LAGAD RUSHIKESH SURYAKANT	P	P	P	A	A	A	P	A	P	P	P
20	LATE MADHURI SHARADRAO	P	A	A	P	P	P	P	P	P	A	P
21	MASKE BHAGWAT SHIVAJI	P	P	A	P	P	P	P	P	A	P	A





**Sunderrao Solanke Mahavidyalaya Majalgaon**

**Department of Physics**

Remedial Classes First Year – 2017-18 (First Semester – paper II)

Attendance of Student of Remedial Coaching

Name of Faculty- Dr V P Pawar

Month – January

Sr. No.	Name of the Student	Date										
		5/1	6/1	12/1	13/1	19/1	27/1	22/1	26/1	29/1	30/1	31/1
1	CHAURE ABHISHEK NIVRATI	P	P	A	P	P	P	A	A	A	P	P
2	CHAVAN UMESH RAMESHWAR	P	P	P	P	P	P	P	P	P	P	P
3	CHINCHANE PRAVIN PRABHAKAR	P	A	P	A	P	P	P	P	P	P	P
4	DESHMUKH VIVEK VITTHALRAO	P	P	P	P	P	A	P	P	P	P	A
5	DHAGE SHRIKANT BHARAT	P	A	P	P	P	P	P	P	A	P	P
6	GARAD NIKITA ASHOK	P	P	P	P	A	P	P	P	P	P	A
7	GHAMAT PRANJAL RAJENDRA	P	P	A	P	P	P	A	A	P	P	P
8	GHATUL DNYANESHWAR MURLIDHAR	A	P	P	P	A	P	P	P	P	A	A
9	GHATUL RAHUL VISHNU	P	P	P	P	P	A	P	P	P	P	P
10	GHOOGARE VAIBHAV VASHISHTHA	P	A	A	A	P	P	A	P	P	P	P
11	INGALE VITTHAL MAHADEV	A	P	P	P	P	P	P	A	P	P	P
12	JADHAV RUTUJA LALASAHEB	P	P	P	P	P	P	P	P	A	P	A
13	JOGADE GOVIND BALASAHEB	P	P	P	A	P	A	P	P	P	A	P
14	KADAM HARI RANJIT	A	P	P	P	P	P	P	A	P	P	P
15	KADAM NARAYAN BHAGWAT	A	P	P	P	P	P	A	P	P	P	P
16	KHILLARE AJAY BABASAHEB	P	P	A	A	P	P	P	P	A	A	A
17	KOLSE KISHOR PRLAHAD	A	P	A	P	P	A	A	A	P	P	P
18	KULKARNI KALYANI TULSHIDAS	P	P	P	P	A	P	P	P	P	A	P
19	LAGAD RUSHIKESH SURYAKANT	P	A	P	P	P	P	A	P	P	P	A
20	LATE MADHURI SHARADRAO	A	P	P	A	P	A	P	P	A	P	P
21	MASKE BHAGWAT SHIVAJI	P	P	A	P	A	P	P	A	P	A	P

**Sunderrao Solanke Mahavidyalaya Majalgaon**

**Department of Physics**

Remedial Classes First Year – 2017-18 (First Semester – paper II)

Attendance of Student of Remedial Coaching

Name of Faculty- Dr.N.K.Raut

Month – Februari

Sr. No.	Name of the Student	Date										
		1/2	2/2	8/2	9/2	10/2	15/2	16/2	22/2	23/2	27/2	2/2
1	CHAURE ABHISHEK NIVRATI	P	P	P	P	P	P	P	A	P	P	P
2	CHAVAN UMESH RAMESHWAR	P	P	A	P	P	P	P	P	P	P	P
3	CHINCHANE PRAVIN PRABHAKAR	P	P	P	P	P	P	A	P	P	P	P
4	DESHMUKH VIVEK VITTHALRAO	P	P	P	A	A	A	P	P	A	A	A
5	DHAGE SHRIKANT BHARAT	A	A	A	P	P	P	P	P	P	P	P
6	GARAD NIKITA ASHOK	P	P	P	P	P	P	P	P	P	P	P
7	GHAMAT PRANJAL RAJENDRA	P	P	P	A	P	A	P	P	A	A	A
8	GHATUL DNYANESHWAR MURLIDHAR	P	P	P	P	P	P	P	P	A	P	P
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10	GHOOGARE VAIBHAV VASHISHTHA	P	P	P	A	P	A	P	P	P	P	P
11	INGALE VITTHAL MAHADEV	A	P	P	P	P	P	P	P	P	P	A
12	JADHAV RUTUJA LALASAHEB	P	A	P	P	P	P	P	P	A	P	P
13	JOGADE GOVIND BALASAHEB	P	P	A	A	P	P	P	P	P	A	P
14	KADAM HARI RANJIT	P	P	P	P	P	A	P	P	P	P	A
15	KADAM NARAYAN BHAGWAT	A	P	P	P	P	P	A	A	P	P	P
16	KHILLARE AJAY BABASAHEB	P	A	P	P	P	P	P	P	A	A	P
17	KOLSE KISHOR PRLAHAD	P	P	P	P	P	A	P	P	P	A	P
18	KULKARNI KALYANI TULSHIDAS	P	P	P	P	P	P	A	A	P	P	A
19	LAGAD RUSHIKESH SURYAKANT	P	P	P	P	P	P	P	P	A	P	P
20	LATE MADHURI SHARADRAO	A	P	P	A	P	P	P	P	P	P	P
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Head  
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M S P Mandal's

**Sunderrao Solanke Mahavidyalaya**

**Majalgaon, Dist. Beed**

Time Table for Remedial Course

Academic Year 2018-19

Day	Subject	Time	Hall No.
Monday	Mathematics	5 to 6	71
	Zoology	5 to 6	72
Tuesday	Mathematics	5 to 6	71
	Zoology	5 to 6	72
Wednesday	Physics	5 to 6	71
	Botany	5 to 6	72
Thursday	Physics	5 to 6	71
	Botany	5 to 6	72
Friday	Chemistry	5 to 6	71
Saturday	Chemistry	5 to 6	71



**Head**  
**Department Of Physics,**  
**Sunderrao Solanke Mahavidyalaya,**  
**Majalgaon Dist - Beed.**

# Remedial Coaching Syllabus

## B. Sc. I Year Physics (Semester-I) (Mechanics, Properties of Matter and Sound)

**1. Compound Pendulum**- expression of time period, Interchangeability of centre of suspension and oscillation, Kater's Pendulum. Newton's law of Gravitation (Statement only), Gravitational Field, Gravitational Potential, Gravitational Potential of mass

**2. Elasticity**: - Introduction , Moduli of Elasticity ( Elastic constants ), Twisting couple on a cylinder, Bending of Beam – Bending moment, cantilever loaded at free end – (a) When weight of beam is ineffective, (b) When weight of beam is effective, Depression of Beam loaded at centre

**3. Viscosity and Surface Tension** **Viscosity** - Introduction, energy of liquid in motion, Bernoulli's Theorem, practical applications: (i) Law of hydrostatic pressure (ii) Filter pump, Poiseuille's formula. **Surface Tension** - Introduction, Difference of pressure across a curved surface, Determination of S.T. by Jaeger's method

## B. Sc. I Year Physics (Semester-I) (Heat and Thermodynamics)

### 1) Thermal Conductivity: -

Transference of heat, Coefficient of thermal conductivity, rectilinear flow of heat along a metal bar, Methods of radial flow of heat-(i)spherical shell method and (ii)Flow of heat along the wall of a cylindrical tube, comparison of conductivities of different metals.

**2) Real Gases and Transport Phenomena:** - 12 periods Real Gases – Introduction, Reason for modification of gas equation, Van der Waals equation of state , comparison with experimental curves, critical constants, constants of Van der Waals equation. Transport phenomena–Introduction, mean free path, sphere of influence, and expression for mean free path, variation of mean free path with temperature and pressure, transport phenomena, viscosity, Thermal conductivity (their interrelationship, dependence on temperature and pressure).

**3) Thermodynamics:** - 12 periods Adiabatic process, Adiabatic equation of a perfect gas, Isothermal process, Indicator diagram, work done during isothermal process and adiabatic process, reversible and irreversible process, Second law of thermodynamics. (Kelvin and Clausius statement), Heat engines, Carnot's ideal heat engine, Carnot's cycle (work done and Efficiency).



**4) Entropy and Thermodynamic relations:** - 11 Periods General notation of entropy, change of entropy is independent of path, change of entropy in a reversible and irreversible process, Formulation of the second law in terms of entropy, Maxwell's thermodynamical relations, Applications of Maxwell's relations –i) Clausius – Clapeyron equation, ii) T-ds equations.

## **B. Sc. I Year Physics (Semester- II) (Geometrical and Physical Optics)**

### **1) Geometrical Optics and Optical Instruments: -**

Cardinal points of optical system - Focal points, Principal points, Nodal points and corresponding planes, coaxial lens system - equivalent focal length and cardinal points. Huygens's Eyepiece, Ramsden's eyepiece and their cardinal points,

**2) Interference:** - Interference in thin film due to reflected and transmitted light, wedge shaped thin film, Newton's rings by reflected light, determination of wavelength, Michelson's Interferometer, type of fringes, determination of wavelength and difference in wavelength.

**3) Diffraction:** Introduction, Diffraction at a thin wire, Fraunhofer diffraction at double slit (Interference and diffraction maxima, minima), Plane Transmission diffraction grating, Determination of wavelength (Normal incidence), Resolving power of optical instruments (Rayleigh's criterion), R. P. of prism and grating.

**4) Polarization:** - Introduction, Malus law, Double refraction, Huygens's theory of double refraction in uniaxial crystal, Nicol prism. Optical activity, Fresnel's theory of optical rotation, specific Rotation, Laurentz's half – shade polarimeter, Determination of specific rotation of sugar solution.

## **B. Sc. I Year Physics (Semester- II) (Electricity and Magnetism)**

### **1) Vector Algebra: -**

Dot and cross product (Revision), scalar triple product and its geometrical interpretation, vector triple product, gradient of a scalar and its physical interpretation, Divergence and curl of vector function and their physical interpretation, line, surface and volume integrals, Gauss's divergence theorem and Stoke's theorem .

**2) Electrostatics:** - 13 Periods Coulomb's Law , Electric field , field due to point charge, flux of electric field, Gauss's law ( with proof ) , Differential form of Gauss law , electric potential , potential due to a point charge, Potential and field

due to electric dipole. Dielectrics, polarization of dielectric, Gauss's law in dielectrics, Relation between D, E and P.

**3) Magnetostatics:** - 10 Periods Magnetic field , Magnetic induction , magnetic flux , Biot-Savart law, Magnetic induction due to straight conductor carrying current , magnetic induction on the axis of solenoid ,Ampere's Law, Differential form Ampere's Law, Moving coil ballistic Galvanometer - expression for charge.

**4) Transient Currents:** - 10 periods Growth and decay of current in a circuit containing L and R, charge and discharge of a capacitor through resistor, Growth and decay of charge in LCR circuit.



**Head**  
**Department Of Physics,**  
**Sunderrao Solanke Mahavidyalaya,**  
**Majalgaon Dist - Bead.**



**Sunderrao Solanke Mahavidyalaya Majalgaon**

**Department of Physics**

Remedial Classes First Year – 2018-19 (First Semester – paper I)

Attendance of Student of Remedial Coaching

Name of Faculty- Dr V P Pawar

Month – August

Sr. No.	Name of the Student	Date										
		2/8	3/8	4/8	9/8	16/8	17/8	22/8	24/8	29/8	30/8	31/8
1	DHUMAL BHUSAHEB LIMBAJIRAO	P	P	P	A	P	P	P	P	P	P	A
2	GADE BHAGVAT GANGADHAR	A	P	P	P	P	P	A	P	P	P	P
3	GAJAMAL VITTHAI MAHADEV	P	P	P	P	P	P	P	A	P	P	P
4	GHATUL AMAR MAHADEV	P	P	P	P	P	P	P	P	P	A	P
5	KALASKAR TUKARAM DASHRATH	P	P	P	P	P	P	P	P	P	P	P
6	KALE ROHAN PRAHALADRAO	P	P	P	A	P	P	P	P	P	P	P
7	KALSAI KIRAN SUNIL	P	P	P	P	P	P	A	P	P	P	P
8	KAPSE SANKET RAMDAS	P	A	P	P	P	P	P	P	P	P	P
9	KHALGE POOJA KRUSHNA	P	P	P	P	P	A	P	P	P	P	P
10	KORDE PRASHANT DNYANOBA	P	P	P	P	P	P	P	P	P	P	P
11	KSHATRIYA KIRAN DINKAR	P	P	P	P	P	P	P	P	A	P	P
12	LOKHANDE POOJA RAMBHAU	P	P	P	A	P	P	P	P	P	P	P
13	MORE VISHWAJIT RAJEBHAU	P	P	P	P	P	P	P	A	P	P	P
14	MORE SHITAL SIDDHARTH	P	P	P	P	P	P	A	P	P	P	P
15	MULAK GUNAJI SUDIP	P	P	P	P	P	P	P	P	P	P	P
16	MUSALE RANGNATH JANU	P	P	P	P	P	P	A	P	P	P	P
17	NAIKNAWARE MAHESH BABRUWAN	P	P	P	P	P	P	P	P	A	P	P
18	NAYBAL SIMA BALASAHEB	P	P	P	P	P	P	A	P	P	P	P
19	NAYBAL SHUBHAM KALYANRAO	P	P	P	P	A	P	P	P	P	P	P
20	PATAIT SURAJ SUDHAKAR	P	P	P	P	P	P	A	P	P	P	P
21	PAVALE KRUSHNA MAHADEV	P	P	P	P	A	P	P	P	P	P	P

**Sunderrao Solanke Mahavidyalaya Majalgaon**

**Department of Physics**

Remedial Classes First Year – 2018-19 (First Semester – paper II)

Attendance of Student of Remedial Coaching

Name of Faculty- Dr. N K Raut

Month –September

Sr. No.	Name of the Student	Date										
		7	8	14	15	20	21	22	23	24	27	28
1	DHUMAL BHUSAHEB LIMBAJIRAO	P	P	P	A	P	P	P	P	P	P	P
2	GADE BHAGVAT GANGADHAR	P	P	P	P	A	P	P	P	P	P	P
3	GAJAMAL VITTHAI MAHADEV	P	P	P	A	P	P	P	P	P	P	P
4	GHATUL AMAR MAHADEV	P	P	P	P	P	P	P	P	P	P	A
5	KALASKAR TUKARAM DASHRATH	P	P	P	P	P	P	P	A	P	P	P
6	KALE ROHAN PRAHALADRAO	P	P	P	P	P	P	P	P	A	P	P
7	KALSAI KIRAN SUNIL	P	P	P	A	P	P	P	P	P	P	P
8	KAPSE SANKET RAMDAS	A	P	P	P	P	P	P	P	P	P	P
9	KHALGE POOJA KRUSHNA	P	P	P	P	P	P	P	P	A	P	P
10	KORDE PRASHANT DNYANOBA	P	P	P	P	P	P	P	P	P	P	P
11	KSHATRIYA KIRAN DINKAR	P	P	A	P	P	P	P	P	P	P	P
12	LOKHANDE POOJA RAMBHAU	P	A	P	P	P	P	P	P	P	P	P
13	MORE VISHWAJIT RAJEBHAU	P	P	P	P	P	P	P	A	P	P	P
14	MORE SHITAL SIDDHARTH	P	P	P	P	P	P	A	P	P	P	P
15	MULAK GUNAJI SUDIP	P	P	P	P	P	P	P	P	P	P	P
16	MUSALE RANGNATH JANU	P	P	P	P	A	P	P	P	P	P	P
17	NAIKNAWARE MAHESH BABRUWAN	P	P	A	P	P	P	P	P	P	P	P
18	NAYBAL SIMA BALASAHEB	P	P	P	P	A	P	P	P	P	P	P
19	NAYBAL SHUBHAM KALYANRAO	P	P	P	P	P	P	A	P	P	P	P
20	PATAIT SURAJ SUDHAKAR	P	P	P	P	A	P	P	P	P	P	A
21	PAVALE KRUSHNA MAHADEV	P	P	P	P	P	P	A	P	P	P	P





**Sunderrao Solanke Mahavidyalaya Majalgaon**

**Department of Physics**

Remedial Classes First Year – 2018-19 (Second Semester – paper II)

Attendance of Student of Remedial Coaching

Name of Faculty- Dr.N K Raut

Month – February

Sr. No.	Name of the Student	Date											
		1/2	2/2	7/2	8/2	9/2	15/2	16/2	21/2	22/2	23/2	24/2	
1	DHUMAL BHUSAHEB LIMBAJIRAO	P	P	P	P	P	P	P	P	P	P	P	
2	GADE BHAGVAT GANGADHAR	P	P	P	P	P	P	P	P	P	P	P	
3	GAJAMAL VITTHAI MAHADEV	P	P	P	P	P	P	A	P	P	P	P	
4	GHATUL AMAR MAHADEV	P	P	P	P	P	P	P	P	P	P	P	
5	KALASKAR TUKARAM DASHRATH	P	P	P	P	P	P	P	P	P	P	P	
6	KALE ROHAN PRAHALADRAO	P	P	P	P	P	P	P	P	P	P	P	
7	KALSAI KIRAN SUNIL	P	P	P	P	P	P	P	P	P	P	P	
8	KAPSE SANKET RAMDAS	P	P	P	P	P	P	P	P	P	P	P	
9	KHALGE POOJA KRUSHNA	P	P	P	P	P	P	P	P	P	P	P	
10	KORDE PRASHANT DNYANOBA	P	P	P	P	P	P	P	P	P	P	P	
11	KSHATRIYA KIRAN DINKAR	P	P	P	P	P	P	P	P	P	P	P	
12	LOKHANDE POOJA RAMBHAU	P	P	P	P	P	P	P	P	P	P	P	
13	MORE VISHWAJIT RAJEBHAU	P	P	P	P	P	P	P	P	P	P	P	
14	MORE SHITAL SIDDHARTH	P	P	P	P	P	P	P	P	P	P	P	
15	MULAK GUNAJI SUDIP	P	P	P	P	P	P	P	P	P	P	P	
16	MUSALE RANGNATH JANU	P	P	P	P	P	P	P	P	P	P	P	
17	NAIKNAWARE MAHESH BABRUWAN	P	P	P	P	P	P	P	P	P	P	P	
18	NAYBAL SIMA BALASAHEB	P	P	P	P	P	P	P	P	P	P	P	
19	NAYBAL SHUBHAM KALYANRAO	P	P	P	P	P	P	P	P	P	P	P	
20	PATAIT SURAJ SUDHAKAR	P	P	P	P	P	P	P	P	P	P	P	
21	PAVALE KRUSHNA MAHADEV	P	P	P	P	P	P	P	P	P	P	P	

  
Head

Department Of Physics,  
Sunderrao Solanke Mahavidyalaya,  
Majalgaon Dist - Bead.



M S P Mandal's

**Sunderrao Solanke Mahavidyalaya**

**Majalgaon, Dist. Beed**

Time Table for Remedial Course

Academic Year 2019-20

Day	Subject	Time	Hall No.
Monday	Mathematics	5 to 6	71
	Zoology	5 to 6	72
Tuesday	Mathematics	5 to 6	71
	Zoology	5 to 6	72
Wednesday	Physics	5 to 6	71
	Botany	5 to 6	72
Thursday	Physics	5 to 6	71
	Botany	5 to 6	72
Friday	Chemistry	5 to 6	71
Saturday	Chemistry	5 to 6	71



Head  
Department Of Physics,  
Sunderrao Solanke Mahavidyalaya,  
Majalgaon Dist. Beed.

# Remedial Coaching Syllabus

## B. Sc. I Year Physics (Semester-I) (Mechanics, Properties of Matter and Sound)

**1. Compound Pendulum**- expression of time period, Interchangeability of centre of suspension and oscillation, Kater's Pendulum. Newton's law of Gravitation (Statement only), Gravitational Field, Gravitational Potential, Gravitational Potential of mass

**2. Elasticity**: - Introduction , Moduli of Elasticity ( Elastic constants ), Twisting couple on a cylinder, Bending of Beam – Bending moment, cantilever loaded at free end – (a) When weight of beam is ineffective, (b) When weight of beam is effective, Depression of Beam loaded at centre

**3. Viscosity and Surface Tension Viscosity** - Introduction, energy of liquid in motion, Bernoulli's Theorem, practical applications: (i) Law of hydrostatic pressure (ii) Filter pump, Poiseuille's formula. Surface Tension - Introduction, Difference of pressure across a curved surface, Determination of S.T. by Jaeger's method

## B. Sc. I Year Physics (Semester-I) (Heat and Thermodynamics)

### 1) Thermal Conductivity: -

Transference of heat, Coefficient of thermal conductivity, rectilinear flow of heat along a metal bar, Methods of radial flow of heat-(i)spherical shell method and (ii)Flow of heat along the wall of a cylindrical tube, comparison of conductivities of different metals.

**2) Real Gases and Transport Phenomena:** - 12 periods Real Gases – Introduction, Reason for modification of gas equation, Van der Waals equation of state , comparison with experimental curves, critical constants, constants of Van der Waals equation. Transport phenomena–Introduction, mean free path, sphere of influence, and expression for mean free path, variation of mean free path with temperature and pressure, transport phenomena, viscosity, Thermal conductivity (their interrelationship, dependence on temperature and pressure).

**3) Thermodynamics:** - 12 periods Adiabatic process, Adiabatic equation of a perfect gas, Isothermal process, Indicator diagram, work done during isothermal process and adiabatic process, reversible and irreversible process, Second law of thermodynamics. (Kelvin and Clausius statement), Heat engines, Carnot's ideal heat engine, Carnot's cycle (work done and Efficiency).



**4) Entropy and Thermodynamic relations:** - 11 Periods General notation of entropy, change of entropy is independent of path, change of entropy in a reversible and irreversible process, Formulation of the second law in terms of entropy, Maxwell's thermodynamical relations, Applications of Maxwell's relations –i) Clausius – Clapeyron equation, ii) T-ds equations.

## **B. Sc. I Year Physics (Semester- II) (Geometrical and Physical Optics)**

### **1) Geometrical Optics and Optical Instruments: -**

Cardinal points of optical system - Focal points, Principal points, Nodal points and corresponding planes, coaxial lens system - equivalent focal length and cardinal points. Huygens's Eyepiece, Ramsden's eyepiece and their cardinal points,

**2) Interference:** - Interference in thin film due to reflected and transmitted light, wedge shaped thin film, Newton's rings by reflected light, determination of wavelength, Michelson's Interferometer, type of fringes, determination of wavelength and difference in wavelength.

**3) Diffraction:** Introduction, Diffraction at a thin wire, Fraunhofer diffraction at double slit (Interference and diffraction maxima, minima), Plane Transmission diffraction grating, Determination of wavelength (Normal incidence), Resolving power of optical instruments (Rayleigh's criterion), R. P. of prism and grating.

**4) Polarization:** - Introduction, Malus law, Double refraction, Huygens's theory of double refraction in uniaxial crystal, Nicol prism. Optical activity, Fresnel's theory of optical rotation, specific Rotation, Laurentz's half – shade polarimeter, Determination of specific rotation of sugar solution.

## **B. Sc. I Year Physics (Semester- II) (Electricity and Magnetism)**

### **1) Vector Algebra: -**

Dot and cross product (Revision), scalar triple product and its geometrical interpretation, vector triple product, gradient of a scalar and its physical interpretation, Divergence and curl of vector function and their physical interpretation, line, surface and volume integrals, Gauss's divergence theorem and Stoke's theorem .

**2) Electrostatics:** - 13 Periods Coulomb's Law , Electric field , field due to point charge, flux of electric field, Gauss's law ( with proof ) , Differential form of Gauss law , electric potential , potential due to a point charge, Potential and field

due to electric dipole. Dielectrics, polarization of dielectric, Gauss's law in dielectrics, Relation between D, E and P.

**3) Magnetostatics:** - 10 Periods Magnetic field , Magnetic induction , magnetic flux , Biot-Savart law, Magnetic induction due to straight conductor carrying current , magnetic induction on the axis of solenoid ,Ampere's Law, Differential form Ampere's Law, Moving coil ballistic Galvanometer - expression for charge.

**4) Transient Currents:** - 10 periods Growth and decay of current in a circuit containing L and R, charge and discharge of a capacitor through resistor, Growth and decay of charge in LCR circuit.



Head  
Department Of Physics,  
Sunderao Solanke Mahavidyalaya,  
Majalgaon Dist - Beed.



**Sunderrao Solanke Mahavidyalaya Majalgaon**

**Department of Physics**

Remedial Classes First Year – 2019-20 (First Semester – paper I)

Attendance of Student of Remedial Coaching

Name of Faculty- Mr. K H Jogade

Month – August

Sr. No.	Name of the Student	Date											
		1/8	2/8	3/8	4/8	5/8	6/8	7/8	8/8	9/8	10/8	11/8	12/8
1	ABUJ SANDEEP MADHUKAR	P	A	P	P	P	P	P	P	P	P	P	P
2	BADADE VAISHANAV HANUMANTRAO	P	P	P	A	P	P	P	P	A	P	P	P
3	BARDE ANIL ASHRUBA	P	P	A	P	A	A	P	A	P	P	P	P
4	BOCHARE PRAKASH RAJENDRA	P	P	P	P	P	P	A	P	P	P	P	P
5	BORKHADE MAULI SANDIPAN	A	P	P	A	P	P	P	P	A	A	A	A
6	BOTWE MAHESH RAGHUNATH	P	A	A	A	A	A	P	P	P	P	P	P
7	CHAVAN SHAMAL ARJUN	P	P	P	P	P	P	A	P	A	P	P	P
8	CHAVAN KESHAV ATMARAM	A	P	P	P	P	A	P	A	P	A	A	A
9	DESHMUKH MOHINI BALASAHEB	P	A	A	P	A	P	P	P	P	P	P	P
10	DHAGE GANESH SHIVAJI	P	P	P	A	P	P	P	P	P	P	P	P
11	DHANWADE JYOTI BANDU	A	P	P	A	P	A	A	P	P	P	P	P
12	DHISALE ARCHANA SARJERAO	P	P	A	P	A	A	P	A	P	P	P	P
13	GAIKWAD DIKSHA ANURATH	P	P	P	P	P	P	P	P	A	P	A	A
14	GAIKWAD KOMAL NAVNATH	P	A	P	P	P	P	P	P	P	P	P	P
15	GAVTE PRAVIN RAJEBHAU	P	P	P	A	A	A	A	P	P	P	P	P
16	GHONGANE SHITAL KHANDU	A	P	A	P	P	P	P	A	P	A	P	P
17	GHUNGASE ANJALI GANGADHAR	P	A	P	P	P	A	P	P	A	P	A	A
18	GHUNGASE NAGNATH VITTHAL	A	P	P	A	A	P	A	P	P	P	P	P
19	GORE SWATI SOPAN	P	P	A	P	P	P	P	P	P	A	P	P
20	HAJARE VISHAL GORAKH	P	A	P	P	P	A	P	P	P	P	P	P
21	INGOLE DEEPAK ANURATH	A	P	P	A	A	P	A	P	P	P	P	P
22	JADHAV VASANT SHIVAJI	A	P	A	P	P	P	P	A	A	P	A	A
23	JADHWAR SWATI MAHADEV	P	A	P	P	P	A	P	P	P	A	A	A

24	KADAM RACHIKET KALIDAS	P	P	P	A	P	P	P	P	P	P
25	KARANDE VISHAL YUVRAJ	P	P	P	P	P	P	P	P	P	P
26	KATARE DADASAHEB VASANT	P	P	P	P	P	P	P	A	A	A
27	POTE SHIVANI AMOL	P	P	P	P	P	P	A	P	A	P
28	RAUT ASHOK VISHNU	A	P	P	A	P	A	P	P	P	P
29	RAUT KIRAN MACHINDRA	P	A	P	A	P	P	P	P	P	P
30	RAUT PRADIP DINESH	P	P	P	P	A	P	P	P	P	A
31	SHAIKH UZAIR ABDUL KHUDDUS	P	P	P	P	P	P	P	P	P	A
32	SHENDGE DIVYA ARUN	P	P	P	P	P	P	P	P	P	P
33	SHENDGE NARAYAN BAPPA	A	P	P	A	P	A	A	P	A	P
34	SHENDGE SHUBHANGI VAMANRAO	P	A	P	A	P	P	A	A	P	P
35	SHINDE RITURAJ RAVINDRA	P	A	P	P	A	P	P	A	P	A



**Sunderrao Solanke Mahavidyalaya Majalgaon**

**Department of Physics**

Remedial Classes First Year – 2019-20 (First Semester – paper II)

Attendance of Student of Remedial Coaching

Name of Faculty- Mrs. S R Kale

Month – September

Sr. No.	Name of the Student	Date												
		5/9	6/9	7/9	8/9	9/9	10/9	11/9	12/9	13/9	14/9	15/9	16/9	17/9
1	ABUJ SANDEEP MADHUKAR	P	A	P	P	P	P	P	P	P	P	P	P	P
2	BADADE VAISHANAV HANUMANTRAO	P	P	P	P	A	P	P	P	P	P	P	P	P
3	BARDE ANIL ASHRUBA	P	P	P	P	P	A	P	P	P	P	A	A	
4	BOCHARE PRAKASH RAJENDRA	P	P	A	P	P	P	A	P	A	A	P		
5	BORKHADE MAULI SANDIPAN	P	P	P	A	A	P	P	A	P	P	P	P	
6	BOTWE MAHESH RAGHUNATH	A	P	A	A	P	P	P	P	P	P	P	P	
7	CHAVAN SHAMAL ARJUN	P	A	A	A	P	P	A	P	P	P	P	P	
8	CHAVAN KESHAV ATMARAM	P	P	P	P	P	A	P	P	A	A	A		
9	DESHMUKH MOHINI BALASAHEB	P	P	P	P	A	P	P	P	P	P	P	P	
10	DHAGE GANESH SHIVAJI	A	P	P	P	P	P	A	A	P	P	P	P	
11	DHANWADE JYOTI BANDU	A	A	P	P	P	P	P	P	P	A	P	P	
12	DHISALE ARCHANA SARJERAO	P	P	P	A	A	A	P	P	P	P	P	P	
13	GAIKWAD DIKSHA ANURATH	P	P	P	P	P	P	A	P	P	P	P	P	
14	GAIKWAD KOMAL NAVNATH	P	P	A	P	P	P	A	A	P	P	A		
15	GAVTE PRAVIN RAJEBHAU	P	A	P	P	A	A	P	P	P	A	P		
16	GHONGANE SHITAL KHANDU	A	P	P	P	P	P	P	P	A	A	P		
17	GHUNGASE ANJALI GANGADHAR	P	P	P	P	P	P	P	P	P	A	P		
18	GHUNGASE NAGNATH VITTHAL	P	P	P	P	P	A	P	P	P	P	A		
19	GORE SWATI SOPAN	P	P	P	P	A	P	P	P	P	A	P		
20	HAJARE VISHAL GORAKH	A	P	P	P	A	P	P	P	P	A	P		
21	INGOLE DEEPAK ANURATH	P	P	P	A	P	P	A	P	A	P	P		
22	JADHAV VASANT SHIVAJI	P	P	P	P	P	A	P	P	P	P	P		
23	JADHWAR SWATI MAHADEV	P	P	A	P	P	P	P	P	P	A	P		
24	KADAM RACHIKET KALIDAS	A	P	P	P	P	A	P	P	P	A	P		





**Sunderrao Solanke Mahavidyalaya Majalgaon**

**Department of Physics**

Remedial Classes First Year – 2019-20 (Second Semester – paper I)

Attendance of Student of Remedial Coaching

Name of Faculty- Dr. V P Pawar

Month – January

Sr. No.	Name of the Student	Date										
		2/1	3/1	4/1	5/1	6/1	7/1	8/1	9/1	10/1	11/1	12/1
1	ABUJ SANDEEP MADHUKAR	P	P	P	P	A	P	P	P	A	P	P
2	BADADE VAISHANAV HANUMANTRAO	A	A	P	P	P	P	A	P	P	A	P
3	BARDE ANIL ASHRUBA	P	P	P	A	P	P	P	P	A	P	P
4	BOCHARE PRAKASH RAJENDRA	P	P	P	P	A	P	P	A	P	P	P
5	BORKHADE MAULI SANDIPAN	P	P	P	P	A	P	P	A	P	P	A
6	BOTWE MAHESH RAGHUNATH	P	P	A	P	P	A	P	P	A	A	P
7	CHAVAN SHAMAL ARJUN	P	P	A	P	P	A	P	P	A	P	A
8	CHAVAN KESHAV ATMARAM	P	P	A	P	P	A	P	P	A	P	P
9	DESHMUKH MOHINI BALASAHEB	A	A	P	P	P	P	A	P	P	A	P
10	DHAGE GANESH SHIVAJI	P	P	P	P	A	P	P	P	P	P	A
11	DHANWADE JYOTI BANDU	P	P	P	P	P	A	P	P	A	P	P
12	DHISALE ARCHANA SARJERAO	P	P	P	A	P	P	A	P	P	P	A
13	GAIKWAD DIKSHA ANURATH	P	P	A	P	P	A	P	P	A	P	P
14	GAIKWAD KOMAL NAVNATH	A	A	P	P	P	P	P	A	P	P	P
15	GAVTE PRAVIN RAJEBHAU	P	P	P	A	P	P	A	P	P	A	P
16	GHONGANE SHITAL KHANDU	P	P	P	A	P	P	A	P	P	A	P
17	GHUNGASE ANJALI GANGADHAR	P	P	P	A	P	P	A	P	P	P	P
18	GHUNGASE NAGNATH VITTHAL	A	P	P	A	P	P	P	A	P	P	A
19	GORE SWATI SOPAN	P	P	P	P	P	A	P	P	A	P	P
20	HAJARE VISHAL GORAKH	A	A	P	P	P	P	P	P	P	A	P
21	INGOLE DEEPAK ANURATH	P	P	A	P	P	P	A	P	P	A	P
22	JADHAV VASANT SHIVAJI	P	P	P	A	P	P	A	P	P	A	P
23	JADHWAR SWATI MAHADEV	P	P	A	P	P	A	P	P	A	P	A
24	KARANDE VISHAL YUVRAJ	P	P	P	A	A	A	P	P			

25	KATARE DADASAHEB VASANT	P	A	A	P	P	P	P	A
26	POTE SHIVANI AMOL	P	A	P	P	A	P	P	P
27	RAUT ASHOK VISHNU	P	P	P	A	A	P	P	P
28	RAUT KIRAN MACHINDRA	P	P	A	P	P	P	P	A
29	RAUT PRADIP DINESH	P	P	P	P	P	P	P	A
30	SHAIKH UZAIR ABDUL KHUDDUS	P	A	P	A	P	P	P	P
31	SHENDGE DIVYA ARUN	P	P	P	P	P	P	P	A
32	SHENDGE NARAYAN BAPPA	P	P	A	P	A	P	P	P





25	KARANDE VISHAL YUVRAJ	P	P	P	P	P	P	P	A	P	P
26	KATARE DADASAHEB VASANT	P	P	P	A	P	P	A	P	P	A
27	POTE SHIVANI AMOL	P	P	P	P	P	P	A	P	P	P
28	RAUT ASHOK VISHNU	P	P	P	P	P	P	P	P	P	P
29	RAUT KIRAN MACHINDRA	A	P	P	P	A	A	P	P	A	P
30	RAUT PRADIP DINESH	A	P	P	P	P	P	P	P	P	P
31	SHAIKH UZAIR ABDUL KHUDDUS	A	P	P	P	P	P	P	P	P	P
32	SHENDGE DIVYA ARUN	P	P	A	P	P	A	P	P	P	P
33	SHENDGE NARAYAN BAPPA	P	P	P	A	P	P	P	P	P	P
34	SHENDGE SHUBHANGI VAMANRAO	P	A	P	P	P	P	A	A	A	A
35	SHINDE RITURAJ RAVINDRA	A	P	A	P	A	P	P	P	P	P

**Head**  
**Department Of Physics,**  
**Sunderrao Solanke Mahavidyalaya,**  
**Majalgaon Dist - Beed.**





Marathwada Shikshan Prasarak Mandal's

**Sunderrao Solanke Mahavidyalaya Majalgaon,**

**Department of Commerce**

Time Table for Remedial Classes

Academic Year 2021-22

**B.Com First Year (I & II Semester)**

Day	Subject	Time	Hall No.
Monday	Fin A/c	1.00 to 2.00	76
	BMS	1.00 to 2.00	78
Tuesday	Fin A/c	1.00 to 2.00	76
	BMS	1.00 to 2.00	78

**Head**

**Dept. of Commerce,**

Sunderrao Solanke Mahavidyalaya  
Majalgaon Dist. Beed. (M.H.) 431131



**CBCS Pattern Syllabus w.e.f. June 2018 Onwards**  
**Faculty of Commerce**  
**B.Com. First Year (First Semester)**  
**Financial Accounting-I**

**Theory-80**  
**Practical/Sessional -20**

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**Objectives:** The course aims at acquainting the students with the emerging issues in business, Trade and commerce regarding recording, maintaining and presenting the accounting and financial facts.

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- Unit I: Book-Keeping and Accountancy: - (Theory)**  
 Meaning, Definitions, Concepts, Objectives, Need, Scope, Classification, and Rules of Accounts, Accounting Cycle, Journal, Ledger, Balancing of Account.
- Unit II: Depreciation: - (Numerical)**  
 Annuity and Sinking fund Method
- Unit III: Final Account of Sole Trader: - (Numerical)**  
 Meaning and Importance, Preparation of Manufacturing Account, Trading Account, Profit and Loss Account and balance sheet, Adjustment.
- Unit IV: Hire purchase System & Installment Method:- (Theory on Hire Purchase & Numerical on Installment Method)**  
 Meaning, Calculations of Interest, Accounting for hire purchase transactions by Asset purchase method based on full cash price, Journal Entries, Ledger Accounts and Discloser in Balance sheet for hire and vendor.
- Unit V: Royalty Accounts: - (Numerical)**  
 Royalty, Minimum Rent, Short Workings, Recoupment of Short Working, Lapse of Short Working, Journal Entries and Ledger Accounts in the Books of Landlord and Lessee.

**Suggested Readings:**

1. Advanced Accounting- M.C.Shukla. & S.P. Grewal (S. Chand & Co. Ltd.New Delhi.)
2. Advanced Accounting- S.M.Shukla. ( Sahityabhavan, Agra.)
3. Accountancy- Mahurkar & Deshpande.
4. New Approach to Accountancy-H.R. Kotalwar.
5. Financial Accounting –S.N. Maheshwari & S. K. Maheshwari (Vikas Publication House Pvt.Ltd.)

**Journals:**

- 1- The Chartered Accountant- Journals of the Institute of Chartered Accountant of India.
- 2-The Accounting World- ICAI Hyderabad.





**CBCS Pattern Syllabus w.e.f. June 2018 Onwards**  
**Faculty of Commerce**  
**B.Com. F.Y. (First Semester)**  
**Business Mathematics and Statistics-I**

**Theory-80**  
**Practical/ Sessional -20**

- Objectives:** The Objective of this paper is to impart knowledge to students in order to improve their Logical Reasoning, Ability and Interpretation, Application of various statistical and Mathematical Tools and Techniques in making logical and scientific decisions in Business Operations.
- Unit I: Introduction to Statistics: - (Theory)**  
 Meaning, Definition, Importance and Limitations of Statistics, Primary and Secondary Data, Methods of collecting primary data, sources of secondary data. Difference between Primary and Secondary data. Ways of collection of data:  
 a) Complete enumeration b) Sample Method, seriation and Tabulation of statistical data.
- Unit II: Measures of Central Tendency: - (Numerical)**  
 Introduction, definition, types of averages Mean, Median, and Mode: Computation of above Measures in Discrete series, continuous series, and cumulative Frequency. Distribution. (Less than and More than). Merits and Demerits of Mean, Median and Mode.
- Unit III: Measures of Dispersion & Skewness: - (Numerical)**  
 Introduction, Definition, Objectives of Measuring Dispersion. Mean Deviation and its coefficient; Standard deviation, its coefficient with its Co- variance.  
**Skewness** :-Introduction, Definition, Objectives of Skewness, Measures of Skewness: Karl Pearson's Co-efficient of skewness.
- Unit IV: Determinants: - (Numerical)**  
 Definition, Cramer's Rule Determinant of second order, Determinant of Third Order. Properties of Determinants. Computation of Area of Triangle with the help of determinant. SARRU'S Rule for evaluating the determinant.
- Unit V: Matrices: - (Numerical)**  
 Meaning, Definition and types of Matrices. Operations of Matrices: Addition and subtraction; properties of addition and subtractions.

**Suggested Readings:**

- 1) Statistics: S.P. Gupta (Sultan Chand & Sons New Delhi)
- 2) Fundamental of Statistics: D. N. Elhance (Kitab Mahal Allahbad)
- 3) Practical Problems in Statistics: Y.R. Mahajan
- 4) Statistics: Sancheti and Kapoor
- 5) Elementary Statistical Methods: Dr. S.P. Gupta, Sultan Chand & Sons.
- 6) Fundamentals of Statistics: D.N. Elhance, Kitab Mahal.
- 7) Statistics (Theory, Methods & Application): Dr. D.C. Sancheti, V.K. Kapoor, Sultan Chand & sons



## Remedial Classes

**Subject: Financial Accounting –I**  
**First Year – 2021-22 (First Semester)**  
**Attendance of Student of Remedial Coaching**  
**Name of Faculty- Dr. N. R. Dhawale**  
**Month – August**

Sr. No.	Name of the Student	Date										
		2	3	9	10	17	18	23	24	30	31	-
1	Chavan Rutuja Baliram	P	P	P	P	P	P	A	P	P	A	
2	Dake Sanjyoti Vishnu	P	P	A	P	P	P	P	P	P	P	
3	Dhanwade Sopan Pandurang	P	A	P	P	P	A	P	P	P	P	
4	Gandhale Vaibhav Bhaskar	P	P	P	P	A	P	A	P	A	P	
5	Gayke Dnyaneshwar Eknath	P	P	A	P	P	A	P	P	P	P	
6	Ghadse Rutuja Shivaji	A	P	A	P	P	P	P	P	P	P	
7	Jadhav Shivam Bhimeashnkr	P	A	P	P	P	P	P	P	P	P	
8	Joshi Onkar Anand	P	A	P	P	P	A	P	A	A	P	
9	Kamle Ajay Ganpat	P	P	P	P	P	P	P	P	P	P	
10	Lokhande Sonaji Laxman	P	P	P	A	P	A	P	P	P	P	
11	Rathod Divya Balu	P	P	P	P	P	P	P	P	P	P	
12	Raut Mayur Vitthal	A	P	A	P	P	P	P	P	P	P	
13	Shaikh Akbar Maheubub	P	P	P	P	A	P	P	P	A	P	
14	Shejul Dnyaneshwar Asaram	P	P	A	P	P	P	P	P	P	A	
15	Shete Vaishnavi Vishwanath	P	P	P	A	P	P	P	A	P	P	
16	Shinde Aparna Youraj	A	P	P	P	P	P	P	P	P	A	
17	Shinde Ganesh Kalidas	P	P	A	P	P	P	A	P	P	P	
18	Solanke Atharav Vilasrao	P	P	P	P	A	A	P	P	P	P	
19	Solanke Manisha Dattaray	P	P	P	P	P	P	P	P	P	P	
20	Takat Datta Shreeram	P	A	P	P	P	P	P	P	A	P	
21	Talde Siddheshwar Rajebhau	A	P	P	P	P	A	P	P	P	P	
22	Thawre Manisha Atmaram	P	A	P	P	P	P	A	P	P	P	
23	Vir Chaitanya Chandrasen	P	P	A	P	P	A	P	P	P	P	
24	Wagmare Subhangi Bhujang	P	P	P	A	P	P	A	P	P	P	
25	Washimbe Shriram Vinayak	P	A	P	P	P	P	P	P	A	P	





## Remedial Classes

### Business Mathematics & Statistics -I

First Year – 2021-22 (First Semester)

Attendance of Student of Remedial Coaching

Name of Faculty- **Dr. B.S. Kale**

Month – August

Sr. No.	Name of the Student	Date										
		2	3	9	10	17	18	23	24	30	31	-
1	Chavan Rutuja Baliram	P	P	A	P	P	P	P	P	P	P	
2	Dake Sanjyoti Vishnu	P	P	P	P	P	A	P	P	P	P	
3	Dhanwade Sopan Pandurang	P	P	P	P	A	P	P	P	P	P	
4	Gandhale Vaibhav Bhaskar	P	P	P	A	P	P	P	A	P	P	
5	Gayke Dnyaneshwar Eknath	P	P	P	P	P	P	P	A	P	P	
6	Ghadse Rutuja Shivaji	P	P	P	A	P	P	P	A	P	P	
7	Jadhav Shivam Bhimeashnkr	P	P	P	P	P	P	A	P	P	P	
8	Joshi Onkar Anand	P	P	P	P	A	P	P	P	P	P	
9	Kamle Ajay Ganpat	P	P	P	A	P	P	P	P	P	P	
10	Lokhande Sonaji Laxman	P	P	P	P	P	P	P	A	P	P	
11	Rathod Divya Balu	A	P	P	P	P	P	P	P	P	P	
12	Raut Mayur Vitthal	P	P	P	P	P	P	P	A	P	P	
13	Shaikh Akbar Maheebub	A	P	P	P	P	A	P	P	P	P	
14	Shejul Dnyaneshwar Asaram	P	A	P	P	P	P	P	P	A	P	
15	Shete Vaishnavi Vishwanath	P	A	P	P	P	P	P	P	P	P	
16	Shinde Aparna Youraj	P	P	P	A	P	P	P	P	P	P	
17	Shinde Ganesh Kalidas	P	P	P	P	P	A	P	P	P	P	
18	Solanke Atharav Vilasrao	P	P	P	A	P	P	P	A	P	P	
19	Solanke Manisha Dattaray	P	A	P	P	P	P	P	P	P	P	
20	Takat Datta Shreeram	P	P	P	A	P	P	P	P	P	P	
21	Talde Siddheshwar Rajebhau	A	P	P	P	P	P	P	P	P	P	
22	Thawre Manisha Atmaram	P	P	P	P	P	P	P	P	P	P	
23	Vir Chaitanya Chandrasen	P	P	P	P	P	P	P	P	P	A	
24	Waghmare Subhangi Bhujang	P	P	P	A	P	P	P	P	A	P	
25	Washimbe Shriram Vinayak	P	A	P	P	P	P	P	A	P	P	







**Remedial Classes**  
**Business Mathematics & Statistics -I**  
 First Year – 2021-22 (First Semester)  
 Attendance of Student of Remedial Coaching  
 Name of Faculty- **Dr. B.S. Kale**  
 Month – September

Sr. No.	Name of the Student	Date										
		06	07	13	14	20	21	27	28	29	30	-
1	Chavan Rutuja Baliram	P	P	P	P	P	P	P	P	A	P	
2	Dake Sanjyoti Vishnu	P	A	P	P	P	P	P	P	P	P	
3	Dhanwade Sopan Pandurang	P	P	P	P	P	P	P	A	P	P	
4	Gandhale Vaibhav Bhaskar	P	P	P	P	P	P	P	P	P	P	
5	Gayke Dnyaneshwar Eknath	P	P	P	A	P	P	P	P	P	P	
6	Ghadse Rutuja Shivaji	P	P	P	P	P	P	P	P	P	P	
7	Jadhav Shivam Bhimeashnkr	P	P	P	P	P	A	P	P	P	P	
8	Joshi Onkar Anand	P	P	P	P	P	P	P	P	P	P	
9	Kamle Ajay Ganpat	P	P	P	A	P	P	P	P	P	P	
10	Lokhande Sonaji Laxman	P	P	P	P	P	P	P	P	P	P	
11	Rathod Divya Balu	P	P	P	P	P	P	P	P	A	P	
12	Raut Mayur Vitthal	P	P	P	P	P	P	P	P	P	P	
13	Shaikh Akbar Maheebub	A	P	P	P	P	P	P	P	P	P	
14	Shejul Dnyaneshwar Asaram	P	P	P	P	P	P	P	P	P	P	
15	Shete Vaishnavi Vishwanath	P	P	P	P	P	P	P	P	A	P	
16	Shinde Aparna Youraj	P	P	P	P	P	P	P	P	P	P	
17	Shinde Ganesh Kalidas	P	P	P	P	P	P	P	P	P	P	
18	Solanke Atharav Vilasrao	P	A	P	P	P	P	P	P	P	P	
19	Solanke Manisha Dattaray	P	P	P	P	P	P	P	P	P	P	
20	Takat Datta Shreeram	P	P	P	P	P	P	P	P	A	P	
21	Talde Siddheshwar Rajebhau	P	P	P	P	P	P	P	P	P	P	
22	Thawre Manisha Atmaram	P	P	P	A	P	P	P	P	P	P	
23	Vir Chaitanya Chandrasen	P	P	P	P	P	P	A	P	P	P	
24	Waghmare Subhangi Bhujang	P	P	P	P	P	P	P	P	P	P	
25	Washimbe Shriram Vinayak	P	P	P	P	P	A	P	P	P	P	



**B.Com IInd Semester Syllabus (CBCS)  
Financial Accounting-II**

**Theory: 80  
Practical: 20**

**Objective:** The purpose of this course is to develop the skill among the students about Preparing an organization's accounts.

- Unit-I            Accounting Principles and Accounting Standards (Theory)**  
AS-1, AS-2, AS-9, AS-10, AS-17
- Unit-II            Final Accounts of Non-trading Concerns (Numerical)**  
Meaning of Non-trading concerns, features, Capital and Revenue Receipts and Expenditures, difference between Receipts and Payments Account, Income and Expenditure Account, Preparation of Final Accounts.
- Unit-III           Branch Accounts (Numerical)**  
Meaning of branch and branch account, objectives of branch account, Classification of branches, Accounting for Dependent Branches-Methods of accounting for branch accounting:  
**Debtors System**-Meaning, cost price method and invoice price method, accounting entries in the books of head office and ledger accounts.  
**Stock and Debtors System**-meaning, accounting entries in the books of head office and ledger accounts
- Unit-IV            Departmental Accounts (Numerical)**  
Meaning, Objectives, Advantages of Department Accounts, Accounting Procedure- Unitary method and Tabular or Columnar Method, Allocation of Expenses and Incomes, Inter-departmental Transfers, Preparation of Departmental Trading, Profit and Loss Account and Balance Sheet.
- Unit-V            Consignment Accounting (Numerical)**  
Meaning of Consignment Account, Distinction between consignment and sale, Valuation of inventories, goods invoiced above cost, normal loss, abnormal loss, Accounting entries in the books of the consignor and consignee, Ledger accounts- consignment account, Goods sent on consignment account, inventories on consignment account, inventory reserve account consignee's account, consignor's account.

**Suggested Readings:**

- |  |                                      |
|--|--------------------------------------|
| 1. Advanced Accounts-                          | MC Shukla, T.S. Grewal&S.C.Gupta     |
| 2. Financial Accounting-                       | V.K. Goyal&RuchiGoyal                |
| 3. A New Approach to Accountancy-              | H.R. Kotalwar                        |
| 4. Financial Accounting-                       | A. Mukherjee&M. Hanif                |
| 5. An Introduction to Accountancy-             | Dr. S.N. Maheshwari& S.K. Maheshwari |
| 6. Financial Accounting A Simplified Approach- | Naseem Ahmed                         |
| 7. Students Guide to Accounting Standards-     | D.S. Rawat&DeeptiMaheshwari          |
| 8. Financial Accounting-                       | S.N. Patil& Ashok Patil              |

**Practical: 20 Marks : (to be conducted by the department in each college as per convenience.)**

- |              |    |
|--------------|----|
| 1. Test-     | 05 |
| 2. Tutorial- | 05 |
| 3. Seminar-  | 10 |





## B.Com (and Semester Syllabus (CBCS)

## Business Mathematics &amp; Statistics-II

Theory: 80  
Practical: 20

## Objectives:

- 1). To provide knowledge and information about Statistical Applications.
- 2). To create skill and ability among students for using the Statistical Methods, Tools, Techniques by using I.T. devices.

## 1. Logarithms

88/12

Introduction, Principle of logarithms, Procedure to find out log values, mantissa Value & natural number value. Rules for Multiplication and Division.

## 2. Correlations

12

Meaning of co-relation, Definition of co-relation, Types of co-relation, Methods of studying co-relation: Karl Pearson's, & Spearman's Rank Correlation Methods of Co-relation of co-efficient.

## 3. Regression

12

Meaning of regression, Types of regression: linear regression, Simple and Multiple regression Methods of estimating simple regression lines: Freehand Method & Regression Equations

## 4. Index Numbers

12

Meaning of Index number, Types of Index number, Uses of Index number, Methods of constructing price indices: Laspeyre's, Paasche's, Kellye's, Dorbish & Bowtley's, simple aggregative & Fisher's Ideal Index Number.

## 5. Probability and Expected Value.

12

Meaning and Nature of Probability, Definitions of probability, Applications of Probability-Addition & Multiplication, Law of Probability, ~~Conditional Probability~~.

## Internal Work and Assignment.

88

Statistical Application with Computer (Only for knowledge & Practical application)  
Use of Excel, Knowledge of SPSS and other Statistical and Mathematical Tools and - Software's

Note: Practical's to be conducted based on curriculum given in semester I and II of Business Mathematics and Statistics by using Computers & other I.T. Devices  
Can be included in 20 marks,

## Books Recommended'

1. Statistical Methods: Dr. S.P. Gupta, Sultan Chand & Sons.
2. Fundamentals of Statistics: D.N. Elhance, et.al, Kitab Mahal.
3. Statistics (Theory, Methods & Application): Dr. D.C. Sancheti, V.K. Kapoor, Sultan Chand & Sons.
4. Fundamental of statistics Dr. D.N. Elhance
5. Problems in Statistics Dr. Y.R. Mahajan
6. Essence of Business Mathematics — Dr. R.K. Rajput



## Remedial Classes

**Subject: Financial Accounting –II**

First Year – 2021-22 (Second Semester)

Attendance of Student of Remedial Coaching

Name of Faculty- **Dr. N.R. Dhawale**

Month – December

Sr. No.	Name of the Student	Date										
		06	07	13	14	20	21	27	28	30	31	-
1	Chavan Rutuja Baliram	A	P	P	P	P	P	P	P	P	P	
2	Dake Sanjyoti Vishnu	P	P	P	P	P	A	P	P	P	P	
3	Dhanwade Sopan Pandurang	P	P	P	P	P	P	P	A	P	P	
4	Gandhale Vaibhav Bhaskar	P	P	P	A	P	P	P	A	P	P	
5	Gayke Dnyaneshwar Eknath	A	P	P	P	P	P	P	P	P	A	
6	Ghadse Rutuja Shivaji	P	P	A	P	P	P	P	A	P	P	
7	Jadhav Shivam Bhimeashnkr	P	P	P	A	P	A	P	P	P	P	
8	Joshi Onkar Anand	P	P	P	P	P	P	P	P	P	P	
9	Kamle Ajay Ganpat	P	P	P	A	P	P	P	P	A	P	
10	Lokhande Sonaji Laxman	P	P	P	P	P	P	P	P	P	P	
11	Rathod Divya Balu	P	P	P	A	P	P	P	P	P	P	
12	Raut Mayur Vitthal	P	P	P	P	P	P	P	A	P	P	
13	Shaikh Akbar Maheub	P	A	A	P	P	P	P	P	P	P	
14	Shejul Dnyaneshwar Asaram	P	P	P	P	P	P	P	P	A	P	
15	Shete Vaishnavi Vishwanath	P	P	A	P	P	P	P	P	P	P	
16	Shinde Aparna Youraj	P	P	P	P	P	P	P	A	P	P	
17	Shinde Ganesh Kalidas	P	P	P	A	P	P	P	P	P	P	
18	Solanke Atharav Vilasrao	P	P	P	P	P	P	P	P	P	A	
19	Solanke Manisha Dattaray	P	P	A	P	P	P	P	P	P	P	
20	Takat Datta Shreeram	P	P	P	P	P	P	P	P	P	P	
21	Talde Siddheshwar Rajebhau	A	P	P	P	P	P	P	P	A	P	
22	Thawre Manisha Atmaram	P	P	P	A	P	P	P	P	P	P	
23	Vir Chaitanya Chandrasen	A	P	P	P	P	P	P	P	A	P	
24	Waghmare Subhangi Bhujang	P	P	A	P	P	P	P	P	P	P	
25	Washimbe Shriram Vinayak	P	P	P	P	P	P	P	P	A	P	





## Remedial Classes

### Business Mathematics & Statistics -II

First Year – 2021-22 (Second Semester)

Attendance of Student of Remedial Coaching

Name of Faculty- **Dr. B.S. Kale**

Month – December

Sr. No.	Name of the Student	Date										
		06	07	13	14	20	21	27	28	29	31	-
1	Chavan Rutuja Baliram	A	P	P	P	P	P	P	A	P	P	
2	Dake Sanjyoti Vishnu	P	P	A	P	P	P	P	P	P	P	
3	Dhanwade Sopan Pandurang	P	A	P	P	P	P	A	P	P	P	
4	Gandhale Vaibhav Bhaskar	A	P	P	P	P	P	P	P	P	A	
5	Gayke Dnyaneshwar Eknath	P	P	A	P	P	P	P	P	A	P	
6	Ghadse Rutuja Shivaji	P	A	P	P	P	P	P	P	P	P	
7	Jadhav Shivam Bhimeashnkr	P	P	P	P	P	P	A	P	P	P	
8	Joshi Onkar Anand	P	P	P	P	P	P	P	P	A	P	
9	Kamle Ajay Ganpat	P	P	P	A	P	P	P	P	P	P	
10	Lokhande Sonaji Laxman	P	P	P	P	P	P	A	P	P	P	
11	Rathod Divya Balu	A	P	P	P	P	P	P	P	P	P	
12	Raut Mayur Vitthal	P	P	P	A	P	P	P	P	P	P	
13	Shaikh Akbar Maheeb	A	P	P	P	P	P	P	P	P	P	
14	Shejul Dnyaneshwar Asaram	P	P	P	A	P	P	P	P	P	P	
15	Shete Vaishnavi Vishwanath	P	P	P	P	P	A	P	P	P	P	
16	Shinde Aparna Youraj	P	P	P	P	P	P	A	P	P	P	
17	Shinde Ganesh Kalidas	P	P	P	P	P	P	P	P	A	P	
18	Solanke Atharav Vilasrao	P	P	P	P	P	P	P	A	P	P	
19	Solanke Manisha Dattaray	P	P	P	P	P	P	P	A	P	P	
20	Takat Datta Shreeram	P	P	P	P	P	P	P	A	P	P	
21	Talde Siddheshwar Rajebhau	P	P	P	P	P	P	P	P	A	P	
22	Thawre Manisha Atmaram	P	P	P	P	P	P	P	P	P	A	
23	Vir Chaitanya Chandrasen	A	P	P	P	P	P	P	P	P	P	
24	Waghmare Subhangi Bhujang	P	A	P	P	P	P	P	P	P	P	
25	Washimbe Shriram Vinayak	P	P	P	A	P	P	P	P	P	P	









## Remedial Classes

### Business Mathematics & Statistics -II

First Year – 2021-22 (Second Semester)

Attendance of Student of Remedial Coaching

Name of Faculty- **Dr. B.S. Kale**

Month – January

Sr. No.	Name of the Student	Date										
		03	04	10	11	17	18	24	25	27	28	-
1	Chavan Rutuja Baliram	P	P	P	P	P	P	P	P	A	P	
2	Dake Sanjyoti Vishnu	P	P	P	P	P	A	P	P	P	P	
3	Dhanwade Sopan Pandurang	P	P	P	P	P	P	P	P	P	P	
4	Gandhale Vaibhav Bhaskar	P	P	P	A	P	P	P	P	P	P	
5	Gayke Dnyaneshwar Eknath	P	P	P	P	P	P	P	P	P	P	
6	Ghadse Rutuja Shivaji	P	P	A	P	P	P	P	P	P	P	
7	Jadhav Shivam Bhimeashnkr	P	P	P	P	P	P	P	A	P	P	
8	Joshi Onkar Anand	P	A	P	P	P	P	P	P	P	P	
9	Kamle Ajay Ganpat	P	P	P	P	P	P	A	P	P	P	
10	Lokhande Sonaji Laxman	P	P	A	P	P	P	P	P	P	P	
11	Rathod Divya Balu	P	P	P	P	P	P	P	P	P	A	
12	Raut Mayur Vitthal	A	P	P	P	P	P	P	P	P	P	
13	Shaikh Akbar Maheeb	P	P	P	P	P	P	P	P	P	A	
14	Shejul Dnyaneshwar Asaram	P	P	P	P	P	P	P	P	P	P	
15	Shete Vaishnavi Vishwanath	A	P	P	P	P	P	P	P	A	P	
16	Shinde Aparna Youraj	P	P	P	P	P	P	P	P	P	P	
17	Shinde Ganesh Kalidas	A	P	P	P	P	P	A	P	P	P	
18	Solanke Atharav Vilasrao	P	P	P	A	P	P	P	P	P	P	
19	Solanke Manisha Dattaray	P	P	P	P	P	P	A	P	P	P	
20	Takat Datta Shreeram	P	P	A	P	P	P	P	P	P	P	
21	Talde Siddheshwar Rajebhau	P	P	P	P	P	P	P	A	P	P	
22	Thawre Manisha Atmaram	P	P	A	P	P	P	P	P	P	P	
23	Vir Chaitanya Chandrasen	P	P	P	P	P	P	P	P	P	A	
24	Waghmare Subhangi Bhujang	P	A	P	P	P	P	P	P	P	P	
25	Washimbe Shriram Vinayak	P	P	P	P	P	P	P	P	P	P	

**Head**

**Dept. of Commerce,**

Sunderrao Solanke Mahavidyalaya  
Majalgaon Dist. Beed. (M.H.) 431131



Marathwada Shikshan Prasarak Mandal's

**Sunderrao Solanke Mahavidyalaya Majalgaon,**

**Department of Commerce**

Time Table for Remedial Classes

Academic Year 2019-2020

B.Com First Year (I & II Semester)

Day	Subject	Time	Hall No.
Monday	Fin A/c	1.00 to 2.00	76
	BMS	1.00 to 2.00	78
Tuesday	Fin A/c	1.00 to 2.00	76
	BMS	1.00 to 2.00	78

  
Head  
Dept. of Commerce,  
Sunderrao Solanke Mahavidyalaya  
Majalgaon Dist. Beed. (M.H.) 431131





**CBCS Pattern Syllabus w.e.f. June 2018 Onwards**  
**Faculty of Commerce**  
**B.Com. First Year (First Semester)**  
**Financial Accounting-I**

**Theory-80**  
**Practical/Sessional -20**

**Objectives:** The course aims at acquainting the students with the emerging issues in business, Trade and commerce regarding recording, maintaining and presenting the accounting and financial facts.

- Unit I: Book-Keeping and Accountancy: - (Theory)**  
 Meaning, Definitions, Concepts, Objectives, Need, Scope, Classification, and Rules of Accounts, Accounting Cycle, Journal, Ledger, Balancing of Account.
- Unit II: Depreciation: - (Numerical)**  
 Annuity and Sinking fund Method
- Unit III: Final Account of Sole Trader: - (Numerical)**  
 Meaning and Importance, Preparation of Manufacturing Account, Trading Account, Profit and Loss Account and balance sheet, Adjustment.
- Unit IV: Hire purchase System & Installment Method:- (Theory on Hire Purchase & Numerical on Installment Method)**  
 Meaning, Calculations of Interest, Accounting for hire purchase transactions by Asset purchase method based on full cash price, Journal Entries, Ledger Accounts and Discloser in Balance sheet for hire and vendor.
- Unit V: Royalty Accounts: - (Numerical)**  
 Royalty, Minimum Rent, Short Workings, Recoupment of Short Working, Lapse of Short Working. Journal Entries and Ledger Accounts in the Books of Landlord and Lessee.

**Suggested Readings:**

1. Advanced Accounting- M.C.Shukla. & S.P. Grewal (S. Chand & Co. Ltd.New Delhi.)
2. Advanced Accounting- S.M.Shukla. ( Sahityabhavan, Agra.)
3. Accountancy- Mahurkar & Deshpande.
4. New Approach to Accountancy-H.R. Kotalwar.
5. Financial Accounting –S.N. Maheshwari & S. K. Maheshwari (Vikas Publication House Pvt.Ltd.)

**Journals:**

- 1- The Chartered Accountant- Journals of the Institute of Chartered Accountant of India.
- 2-The Accounting World- ICAI Hyderabad.



**CBCS Pattern Syllabus w.e.f. June 2018 Onwards**  
**Faculty of Commerce**  
**B.Com. F.Y. (First Semester)**  
**Business Mathematics and Statistics-I**

**Theory-80**  
**Practical/ Sessional -20**

**Objectives:** The Objective of this paper is to impart knowledge to students in order to improve their Logical Reasoning, Ability and Interpretation, Application of various statistical and Mathematical Tools and Techniques in making logical and scientific decisions in Business Operations.

**Unit I: Introduction to Statistics: - (Theory)**  
 Meaning, Definition, Importance and Limitations of Statistics, Primary and Secondary Data, Methods of collecting primary data, sources of secondary data. Difference between Primary and Secondary data. Ways of collection of data:  
 a) Complete enumeration b) Sample Method, seriation and Tabulation of statistical data.

**Unit II: Measures of Central Tendency: - (Numerical)**  
 Introduction, definition, types of averages Mean, Median, and Mode: Computation of above Measures in Discrete series, continuous series, and cumulative Frequency. Distribution. (Less than and More than). Merits and Demerits of Mean, Median and Mode.

**Unit III: Measures of Dispersion & Skewness: - (Numerical)**  
 Introduction, Definition, Objectives of Measuring Dispersion. Mean Deviation and its coefficient: Standard deviation, its coefficient with its Co- variance.  
**Skewness** :-Introduction, Definition, Objectives of Skewness, Measures of Skewness: Karl Pearson's Co-efficient of skewness.

**Unit IV: Determinants: - (Numerical)**  
 Definition, Cramer's Rule Determinant of second order, Determinant of Third Order. Properties of Determinants. Computation of Area of Triangle with the help of determinant. SARRU'S Rule for evaluating the determinant.

**Unit V: Matrices: - (Numerical)**  
 Meaning, Definition and types of Matrices. Operations of Matrices: Addition and subtraction; properties of addition and subtractions.

**Suggested Readings:**

- 1) Statistics: S.P. Gupta (Sultan Chand & Sons New Delhi)
- 2) Fundamental of Statistics: D. N. Elhance (Kitab Mahal Allahbad)
- 3) Practical Problems in Statistics: Y.R. Mahajan
- 4) Statistics: Sancheti and Kapoor
- 5) Elementary Statistical Methods: Dr. S.P. Gupta, Sultan Chand & Sons.
- 6) Fundamentals of Statistics: D.N. Elhance, Kitab Mahal.
- 7) Statistics (Theory, Methods & Application): Dr. D.C. Sancheti, V.K. Kapoor, Sultan Chand & sons





## Remedial Classes

**Subject: Financial Accounting –I**

First Year – 2019-2020 (First Semester)

Attendance of Student of Remedial Coaching

Name of Faculty- **Dr. N. R. Dhawale**

Month – August

Sr. No.	Name of the Student	Date										
		05	06	12	13	19	20	26	27	28	29	–
1	Burange Rushikesh Madhukar	P	P	A	P	P	P	P	P	P	P	–
2	Chopade Abhishek Balasaheb	A	P	P	P	P	P	A	P	P	A	–
3	Dange Sopan Shamsundar	P	P	P	P	P	P	P	P	P	P	–
4	Dhere Pooja Namdev	P	P	A	P	P	P	P	P	P	P	–
5	Dhumal Satish Prakash	P	P	P	P	P	P	A	P	P	P	–
6	Garad Laxman Parasram	P	P	P	P	P	P	P	P	P	P	–
7	Gore Mahadev Vitthal	P	P	A	P	P	P	P	P	P	P	–
8	Jangale Atul Madhukarrao	P	P	A	P	P	P	P	P	A	A	–
9	Kabra Bharti Girdharilal	P	P	P	P	P	P	P	P	P	P	–
10	Kadam Mohini Ashok	P	P	P	P	P	P	P	P	P	P	–
11	Kadam Vishal Vaijanath	P	P	A	A	P	P	P	P	P	P	–
12	Kokate Pallavi Pandurang	P	P	P	P	P	P	P	P	P	P	–
13	Kolse Pandurang Shrikrushna	A	P	P	P	A	P	P	P	P	P	–
14	Mogal Radha Ramanand	A	P	P	P	P	P	P	A	A	P	–
15	Muli Shantanu Digambar	P	P	P	P	P	P	P	P	P	P	–
16	Shejul Nikita Kalyanrao	P	P	P	P	P	P	P	P	P	A	–
17	Shete Akanksha Vishvanath	P	A	A	P	P	P	P	P	P	P	–
18	Shinde Kalyan Govind	P	P	P	P	P	P	P	P	P	P	–
19	Shinde Sagar Bapurao	P	P	P	P	P	P	P	P	P	P	–
20	Shingare Suraj Asaram	P	P	P	P	P	P	A	A	P	P	–
21	Sonwane Rohan Dilip	P	P	P	P	P	P	P	P	P	P	–
22	Taur Manoj Laxmanrao	P	P	A	A	P	P	P	P	P	A	–
23	Thete Prashant Ashruba	P	P	P	P	P	P	P	P	P	P	–
24	Waghmare Sumitkumar Sukhdevrao	P	P	P	P	P	P	P	P	P	P	–
25	Zinge Sham Vishnu	A	P	P	P	P	P	P	A	A	P	–





## Remedial Classes

### Business Mathematics & Statistics -I

First Year – 2019-2020 (First Semester)

Attendance of Student of Remedial Coaching

Name of Faculty- **Mr. A.S. Ughade**

Month – August

Sr. No.	Name of the Student	Date										
		05	06	12	13	19	20	26	27	28	29	-
1	Burange Rushikesh Madhukar	P	P	P	P	P	P	P	P	P	A	-
2	Chopade Abhishek Balasaheb	A	P	P	P	P	A	P	P	P	P	-
3	Dange Sopan Shamsundar	P	P	P	P	P	P	P	P	P	P	-
4	Dhere Pooja Namdev	P	P	P	P	A	P	P	P	P	P	-
5	Dhumal Satish Prakash	P	P	P	P	P	P	P	P	A	P	-
6	Garad Laxman Parasram	A	P	P	P	P	P	P	P	P	P	-
7	Gore Mahadev Vitthal	P	P	P	P	P	P	P	P	P	P	-
8	Jangale Atul Madhukarrao	P	P	A	P	P	P	P	A	A	P	-
9	Kabra Bharti Girdharilal	P	P	P	A	P	P	P	P	P	P	-
10	Kadam Mohini Ashok	P	P	P	P	P	P	P	P	P	P	-
11	Kadam Vishal Vaijanath	P	A	P	P	P	P	P	P	P	P	-
12	Kokate Pallavi Pandurang	A	A	P	P	P	P	P	A	P	P	-
13	Kolse Pandurang Shrikrushna	P	P	P	P	P	P	P	P	P	P	-
14	Mogal Radha Ramanand	P	P	P	P	P	P	P	P	P	P	-
15	Muli Shantanu Digambar	P	P	P	A	A	P	P	P	P	P	-
16	Shejul Nikita Kalyanrao	P	P	P	P	P	P	P	P	P	P	-
17	Shete Akanksha Vishvanath	A	P	P	P	P	P	P	P	A	P	-
18	Shinde Kalyan Govind	P	P	P	P	P	P	P	P	P	P	-
19	Shinde Sagar Bapurao	P	A	P	P	P	P	P	P	P	P	-
20	Shingare Suraj Asaram	P	P	P	P	P	P	P	P	P	P	-
21	Sonwane Rohan Dilip	P	P	P	P	P	P	P	P	P	P	-
22	Taur Manoj Laxmanrao	A	P	P	P	A	P	P	P	P	A	-
23	Thete Prashant Ashruba	P	P	P	P	P	P	P	P	P	P	-
24	Waghmare Sumitkumar Sukhdevrao	P	P	P	P	P	P	P	P	P	P	-
25	Zinge Sham Vishnu	P	P	A	P	P	A	P	P	P	P	-













**B.Com IInd Semester Syllabus (CBCS)  
Financial Accounting-II**

**Theory: 80  
Practical: 20**

**Objective:** The purpose of this course is to develop the skill among the students about Preparing an organization's accounts.

- Unit-I            Accounting Principles and Accounting Standards (Theory)**  
AS-1, AS-2, AS-9, AS-10, AS-17
- Unit-II            Final Accounts of Non-trading Concerns (Numerical)**  
Meaning of Non-trading concerns, features, Capital and Revenue Receipts and Expenditures, difference between Receipts and Payments Account, Income and Expenditure Account, Preparation of Final Accounts.
- Unit-III           Branch Accounts (Numerical)**  
Meaning of branch and branch account, objectives of branch account, Classification of branches, Accounting for Dependent Branches-Methods of accounting for branch accounting:  
**Debtors System**-Meaning, cost price method and invoice price method, accounting entries in the books of head office and ledger accounts.  
**Stock and Debtors System**-meaning, accounting entries in the books of head office and ledger accounts
- Unit- IV           Departmental Accounts (Numerical)**  
Meaning, Objectives, Advantages of Department Accounts, Accounting Procedure- Unitary method and Tabular or Columnar Method, Allocation of Expenses and Incomes, Inter-departmental Transfers, Preparation of Departmental Trading, Profit and Loss Account and Balance Sheet.
- Unit-V            Consignment Accounting (Numerical)**  
Meaning of Consignment Account, Distinction between consignment and sale, Valuation of inventories, goods invoiced above cost, normal loss, abnormal loss, Accounting entries in the books of the consignor and consignee, Ledger accounts- consignment account, Goods sent on consignment account, inventories on consignment account, inventory reserve account consignee's account, consignor's account.

**Suggested Readings:**

- |  |                                      |
|--|--------------------------------------|
| 1. Advanced Accounts-                                      | MC Shukla, T.S. Grewal&S.C.Gupta     |
| 2. Financial Accounting-                                   | V.K. Goyal&RuchiGoyal                |
| 3. A New Approach to Accountancy-                          | H.R. Kotalwar                        |
| 4. Financial Accounting-                                   | A. Mukherjee&M. Hanif                |
| 5. An Introduction to Accountancy-                         | Dr. S.N. Maheshwari& S.K. Maheshwari |
| 6. Financial Accounting A Simplified Approach-Naseem Ahmed |                                      |
| 7. Students Guide to Accounting Standards-                 | D.S. Rawat&DeeptiMaheshwari          |
| 8. Financial Accounting-                                   | S.N. Patil& Ashok Patil              |

**Practical: 20 Marks : (to be conducted by the department in each college as per convenience.)**

- |              |    |
|--------------|----|
| 1. Test-     | 05 |
| 2. Tutorial- | 05 |
| 3. Seminar-  | 10 |

B.Com final Semester Syllabus (CBCS)

## Business Mathematics &amp; Statistics-II

Theory: 80  
Practical: 20

## Objectives:

- 1) To provide knowledge and information about Statistical Applications.
- 2) To create skill and ability among students for using the Statistical Methods, Tools, Techniques by using I.T. devices.

## 1. Logarithms

08/12

Introduction, Principle of logarithms, Procedure to find out log values, mantissa Value & natural number value. Rules for Multiplication and Division.

## 2. Correlations

12

Meaning of co-relation, Definition of co-relation, Types of co-relation, Methods of studying co-relation: Karl Pearson's, & Spearman's Rank Correlation Methods of Co-relation of co-efficient.

## 3. Regression

12

Meaning of regression, Types of regression: linear regression, Simple and Multiple regression Methods of estimating simple regression lines: Freehand Method & Regression Equations

## 4. Index Numbers

12

Meaning of index number, Types of Index number, Uses of Index number, Methods of constructing price indices: Laspeyre's, Paasche's, Kellye's, Derbish & Bowley's, simple aggregative & Fisher's Ideal Index Number.

## 5. Probability and Expected Value.

12

Meaning and Nature of Probability, Definitions of probability, Applications of Probability-Addition & Multiplication, Law of Probability, ~~Conditional probability~~.

## Internal Work and Assignment.

04

Statistical Application with Computer (Only for knowledge & Practical application)  
Use of Excel, Knowledge of SPSS and other Statistical and Mathematical Tools and - Software's

Note: Practical's to be conducted based on curriculum given in semester I and II of Business Mathematics and Statistics by using Computers & other I.T. Devices  
Can be included in 20 marks,

## Books Recommended'

1. Statistical Methods: Dr. S.P. Gupta, Sultan Chand & Sons.
2. Fundamentals of Statistics: D.N. Elhance, et.al, Kitab Mahal.
3. Statistics (Theory, Methods & Application): Dr. D.C. Sancheti, V.K. Kapoor, Sultan Chand & Sons.
4. Fundamental of statistics Dr. D.N. Elhance
5. Problems in Statistics Dr. Y.R. Mahajan
6. Essence of Business Mathematics — Dr. R.K. Rajput





## Remedial Classes

**Subject: Financial Accounting –II**

First Year – 2019-2020 (Second Semester)

Attendance of Student of Remedial Coaching

Name of Faculty- **Dr. N.R. Dhawale**

Month – December

Sr. No.	Name of the Student	Date										
		02	03	09	10	16	17	23	24	30	31	-
1	Burange Rushikesh Madhukar	A	P	P	P	P	P	A	P	P	P	
2	Chopade Abhishek Balasaheb	P	P	P	P	P	P	P	P	P	P	
3	Dange Sopan Shamsundar	P	P	P	A	P	P	P	P	P	P	
4	Dhere Pooja Namdev	P	P	P	P	P	P	P	P	P	P	
5	Dhumal Satish Prakash	P	P	P	P	P	P	P	P	P	P	
6	Garad Laxman Parasram	P	P	P	P	P	A	P	P	P	P	
7	Gore Mahadev Vitthal	P	P	P	P	P	P	P	P	P	P	
8	Jangale Atul Madhukarrao	P	P	A	P	P	P	P	P	P	P	
9	Kabra Bharti Girdharilal	P	P	P	P	P	P	P	P	P	P	
10	Kadam Mohini Ashok	P	P	P	P	P	P	A	P	P	A	
11	Kadam Vishal Vaijanath	P	P	P	P	P	P	P	P	P	P	
12	Kokate Pallavi Pandurang	P	P	P	P	P	P	P	P	P	P	
13	Kolse Pandurang Shrikrushna	P	A	P	P	P	P	P	P	P	P	
14	Mogal Radha Ramanand	P	P	P	P	P	P	P	P	P	P	
15	Muli Shantanu Digambar	P	P	P	P	P	P	A	P	P	P	
16	Shejul Nikita Kalyanrao	P	P	P	P	P	P	P	P	P	P	
17	Shete Akanksha Vishvanath	P	A	P	P	P	P	P	P	P	P	
18	Shinde Kalyan Govind	P	P	P	P	P	P	P	P	P	P	
19	Shinde Sagar Bapurao	P	P	P	P	A	P	P	P	P	P	
20	Shingare Suraj Asaram	P	P	P	P	P	P	P	P	P	P	
21	Sonwane Rohan Dilip	P	P	P	P	P	P	P	P	A	P	
22	Taur Manoj Laxmanrao	P	A	P	P	P	P	P	P	P	P	
23	Thete Prashant Ashruba	P	P	P	P	P	P	P	P	P	P	
24	Waghmare Sumitkumar Sukhdevrao	P	P	P	P	P	P	P	A	P	P	
25	Zinge Sham Vishnu	P	P	P	A	P	P	P	P	P	P	



## Remedial Classes

### Business Mathematics & Statistics -II

First Year – 2019-2020 (Second Semester)

Attendance of Student of Remedial Coaching

Name of Faculty- **Mr. A.S. Ughade**

Month – December

Sr. No.	Name of the Student	Date										
		02	03	09	10	16	17	23	24	30	31	-
1	Burange Rushikesh Madhukar	P	P	A	P	P	P	P	A	P	P	
2	Chopade Abhishek Balasaheb	P	P	P	P	P	P	P	P	P	P	
3	Dange Sopan Shamsundar	P	P	P	P	P	P	P	P	P	P	
4	Dhere Pooja Namdev	P	P	A	P	P	P	P	P	P	P	
5	Dhumal Satish Prakash	P	P	P	P	P	P	P	P	A	P	
6	Garad Laxman Parasram	P	P	P	P	P	P	P	P	P	P	
7	Gore Mahadev Vitthal	P	P	A	P	P	A	P	P	P	P	
8	Jangale Atul Madhukarrao	P	P	P	P	P	P	P	P	P	P	
9	Kabra Bharti Girdharilal	P	P	P	P	P	P	P	P	A	P	
10	Kadam Mohini Ashok	P	P	A	P	P	P	P	P	P	P	
11	Kadam Vishal Vaijanath	P	P	P	P	P	P	P	P	P	P	
12	Kokate Pallavi Pandurang	P	P	P	P	P	P	P	P	P	P	
13	Kolse Pandurang Shrikrushna	P	A	P	P	P	P	P	A	P	P	
14	Mogal Radha Ramanand	P	P	P	P	P	P	P	P	P	P	
15	Muli Shantanu Digambar	P	P	P	P	P	P	P	P	P	P	
16	Shejul Nikita Kalyanrao	P	P	A	P	P	P	P	P	P	A	
17	Shete Akanksha Vishvanath	P	P	P	P	P	P	P	P	P	P	
18	Shinde Kalyan Govind	P	P	P	P	P	P	P	P	P	P	
19	Shinde Sagar Bapurao	P	P	P	P	P	P	P	P	P	P	
20	Shingare Suraj Asaram	P	P	P	P	P	P	A	P	P	P	
21	Sonwane Rohan Dilip	P	P	P	P	P	P	P	P	P	P	
22	Taur Manoj Laxmanrao	P	P	A	P	P	P	P	P	P	P	
23	Thete Prashant Ashruba	P	P	P	P	P	P	P	P	P	P	
24	Waghmare Sumitkumar Sukhdevrao	P	P	P	P	P	P	P	P	P	P	
25	Zinge Sham Vishnu	P	P	P	P	P	P	P	A	P	P	









## Remedial Classes

**Business Mathematics & Statistics -II**  
 First Year – 2019-2020 (Second Semester)  
 Attendance of Student of Remedial Coaching  
 Name of Faculty- **Dr. B.S. Kale**  
 Month – January

Sr. No.	Name of the Student	Date										
		06	07	13	14	20	21	27	28	29	30	-
1	Burange Rushikesh Madhukar	P	P	P	P	P	A	P	P	P	P	P
2	Chopade Abhishek Balasaheb	P	P	P	P	P	P	P	P	P	P	P
3	Dange Sopan Shamsundar	P	P	A	P	P	P	P	P	P	P	P
4	Dhere Pooja Namdev	P	P	P	P	P	P	P	A	P	P	P
5	Dhumal Satish Prakash	P	P	P	P	P	P	P	P	P	P	P
6	Garad Laxman Parasram	P	P	P	P	P	P	P	P	P	P	P
7	Gore Mahadev Vitthal	P	P	A	P	P	P	P	P	P	P	P
8	Jangale Atul Madhukarrao	P	P	P	P	P	P	P	P	P	P	P
9	Kabra Bharti Girdharilal	P	P	P	A	P	P	P	P	A	P	P
10	Kadam Mohini Ashok	P	P	P	P	P	P	P	P	P	P	P
11	Kadam Vishal Vaijanath	P	P	A	P	P	P	P	P	P	P	P
12	Kokate Pallavi Pandurang	P	P	P	P	P	P	P	P	P	A	P
13	Kolse Pandurang Shrikrushna	P	P	P	P	P	P	P	P	P	P	P
14	Mogal Radha Ramanand	A	P	P	P	P	P	A	P	P	P	P
15	Muli Shantanu Digambar	P	P	P	P	P	P	P	P	P	P	P
16	Shejul Nikita Kalyanrao	P	P	P	P	P	P	P	P	P	P	P
17	Shete Akanksha Vishvanath	P	P	A	P	P	P	P	P	A	P	P
18	Shinde Kalyan Govind	P	P	P	P	P	P	P	P	P	P	P
19	Shinde Sagar Bapurao	P	P	P	P	P	P	P	P	P	P	P
20	Shingare Suraj Asaram	P	P	P	P	P	P	A	P	P	P	P
21	Sonwane Rohan Dilip	P	P	P	P	P	P	P	P	P	P	P
22	Taur Manoj Laxmanrao	P	P	A	P	P	P	P	P	P	P	P
23	Thete Prashant Ashruba	P	P	P	P	P	P	P	P	P	P	P
24	Waghmare Sumitkumar Sukhdevrao	P	P	P	P	P	P	P	P	P	P	P
25	Zinge Sham Vishnu	P	P	P	P	P	P	P	A	P	P	P

*B.S. Kale*

**Head**

**Dept. of Commerce,**  
 Sunderrao Solanke Mahavidyalaya  
 Majalgaon Dist. Beed. (M.H.) 431131





Marathwada Shikshan Prasarak Mandal's

**Sunderrao Solanke Mahavidyalaya Majalgaon,**

**Department of Commerce**

Time Table for Remedial Classes

Academic Year 2018-2019

**B.Com First Year (I & II Semester)**

Day	Subject	Time	Hall No.
Monday	Fin A/c	1.00 to 2.00	76
	BMS	1.00 to 2.00	78
Tuesday	Fin A/c	1.00 to 2.00	76
	BMS	1.00 to 2.00	78

**Head**

**Dept. of Commerce,**  
Sunderrao Solanke Mahavidyalaya  
Majalgaon Dist. Beed. (M.H.) 431131



**CBCS Pattern Syllabus w.e.f. June 2018 Onwards**  
**Faculty of Commerce**  
**B.Com. First Year (First Semester)**  
**Financial Accounting-I**

**Theory-80**  
**Practical/Sessional -20**

---

**Objectives:** The course aims at acquainting the students with the emerging issues in business, Trade and commerce regarding recording, maintaining and presenting the accounting and financial facts.

---

- Unit I: Book-Keeping and Accountancy: - (Theory)**  
 Meaning, Definitions, Concepts, Objectives, Need, Scope, Classification, and Rules of Accounts, Accounting Cycle, Journal, Ledger, Balancing of Account.
- Unit II: Depreciation: - (Numerical)**  
 Annuity and Sinking fund Method
- Unit III: Final Account of Sole Trader: - (Numerical)**  
 Meaning and Importance, Preparation of Manufacturing Account, Trading Account, Profit and Loss Account and balance sheet, Adjustment.
- Unit IV: Hire purchase System & Installment Method:- (Theory on Hire Purchase & Numerical on Installment Method)**  
 Meaning, Calculations of Interest, Accounting for hire purchase transactions by Asset purchase method based on full cash price, Journal Entries, Ledger Accounts and Discloser in Balance sheet for hire and vendor.
- Unit V: Royalty Accounts: - (Numerical)**  
 Royalty, Minimum Rent, Short Workings, Recoupment of Short Working, Lapse of Short Working. Journal Entries and Ledger Accounts in the Books of Landlord and Lessee.

**Suggested Readings:**

1. Advanced Accounting- M.C.Shukla. & S.P. Grewal (S. Chand & Co. Ltd.New Delhi.)
2. Advanced Accounting- S.M.Shukla. ( Sahityabhavan, Agra.)
3. Accountancy- Mahurkar & Deshpande.
4. New Approach to Accountancy-H.R. Kotalwar.
5. Financial Accounting –S.N. Maheshwari & S. K. Maheshwari (Vikas Publication House Pvt.Ltd.)

**Journals:**

- 1- The Chartered Accountant- Journals of the Institute of Chartered Accountant of India.
- 2-The Accounting World- ICAI Hyderabad.





**CBCS Pattern Syllabus w.e.f. June 2018 Onwards**  
**Faculty of Commerce**  
**B.Com. F.Y. (First Semester)**  
**Business Mathematics and Statistics-I**

**Theory-80**

**Practical/ Sessional -20**

---

**Objectives:** The Objective of this paper is to impart knowledge to students in order to improve their Logical Reasoning, Ability and Interpretation, Application of various statistical and Mathematical Tools and Techniques in making logical and scientific decisions in Business Operations.

---

**Unit I: Introduction to Statistics: - (Theory)**  
 Meaning, Definition, Importance and Limitations of Statistics, Primary and Secondary Data, Methods of collecting primary data, sources of secondary data. Difference between Primary and Secondary data. Ways of collection of data:  
 a) Complete enumeration b) Sample Method, seriation and Tabulation of statistical data.

**Unit II: Measures of Central Tendency: - (Numerical)**  
 Introduction, definition, types of averages Mean, Median, and Mode: Computation of above Measures in Discrete series, continuous series, and cumulative Frequency. Distribution. (Less than and More than). Merits and Demerits of Mean, Median and Mode.

**Unit III: Measures of Dispersion & Skewness: - (Numerical)**  
 Introduction, Definition, Objectives of Measuring Dispersion. Mean Deviation and its coefficient; Standard deviation, its coefficient with its Co-variance.  
**Skewness** :-Introduction, Definition, Objectives of Skewness, Measures of Skewness: Karl Pearson's Co-efficient of skewness.

**Unit IV: Determinants: - (Numerical)**  
 Definition, Cramer's Rule Determinant of second order, Determinant of Third Order. Properties of Determinants. Computation of Area of Triangle with the help of determinant. SARRU'S Rule for evaluating the determinant.

**Unit V: Matrices: - (Numerical)**  
 Meaning, Definition and types of Matrices. Operations of Matrices: Addition and subtraction; properties of addition and subtractions.

**Suggested Readings:**

- 1) Statistics: S.P. Gupta (Sultan Chand & Sons New Delhi)
- 2) Fundamental of Statistics: D. N. Elhance (Kitab Mahal Allahbad)
- 3) Practical Problems in Statistics: Y.R. Mahajan
- 4) Statistics: Sancheti and Kapoor
- 5) Elementary Statistical Methods: Dr. S.P. Gupta, Sultan Chand & Sons.
- 6) Fundamentals of Statistics: D.N. Elhance, Kitab Mahal.
- 7) Statistics (Theory, Methods & Application): Dr. D.C. Sancheti, V.K. Kapoor, Sultan Chand & sons



## Remedial Classes

**Subject: Financial Accounting –I**

First Year – 2018-2019 (First Semester)

Attendance of Student of Remedial Coaching

Name of Faculty- **Dr. N. R. Dhawale**

Month – August

Sr. No.	Name of the Student	Date										
		06	07	13	14	20	21	27	28	29	30	-
1	Bidve Ashwini Aabasaheb	P	P	P	P	P	P	A	P	P	P	
2	Chorge Lakhan Mahadev	P	P	P	P	P	A	P	P	P	P	
3	Chormale Santosh Babasaheb	P	P	P	P	A	P	P	P	P	P	
4	Chumble Atul Bharatrao	P	P	P	A	P	P	P	P	P	A	
5	Daware Abhishek Suresh	P	P	A	P	P	P	P	P	P	P	
6	Garad Aniket Laxmikant	P	A	P	P	P	P	P	P	P	A	
7	Gopal Komal Sunil	A	P	P	P	P	P	A	P	P	P	
8	Joshi Abhishek Mohan	P	A	P	P	P	P	P	P	P	A	
9	Joshi Gayatri Dattatray	P	P	A	P	P	P	P	P	P	P	
10	Kadam Amar Vaijanath	P	P	P	A	P	P	P	P	P	A	
11	Kadam Parmeshwar Ashvanegh	P	P	P	P	A	A	P	P	P	P	
12	Kate Vishal Suresh	P	P	P	P	P	P	A	P	P	P	
13	Korde Rameshwar Vaijanath	P	P	P	P	P	P	A	P	P	P	
14	Nagthane Pawan Baslingappa	P	P	P	A	P	P	P	A	P	P	
15	Nirmal Ashwini Manikrao	P	P	A	P	P	P	P	P	P	P	
16	Painjane Yash Dnyaneshwar	P	P	P	A	A	P	P	P	P	P	
17	Panchal Rahul Keshav	P	P	P	P	P	P	A	P	P	A	
18	Rupnar Parmeshwar Mohan	P	P	P	P	P	P	P	P	P	P	
19	Sabale Kanchan Ganesh	P	P	P	A	P	P	P	P	P	P	
20	Shaikh Najir Raju	A	P	P	P	P	P	P	A	P	P	
21	Solanke Akash Dnyanoba	P	P	P	P	P	P	P	P	P	P	
22	Solanke Bhagyashri Dipak	A	P	P	P	P	P	P	P	P	P	
23	Sugade Yogesh Shriram	P	A	P	P	P	P	P	A	P	P	
24	Taur Ravi Jalindhar	P	P	A	P	P	P	P	P	P	P	
25	Vibhute Ganesh Sudhakar	A	P	P	A	P	P	A	P	P	P	







## Remedial Classes

**Subject: Financial Accounting –I**

First Year – 2018-2019 (First Semester)

Attendance of Student of Remedial Coaching

Name of Faculty- **Dr. N. R. Dhawale**

Month – September

Sr. No.	Name of the Student	Date										
		03	04	10	11	17	18	24	25	28	27	-
1	Bidve Ashwini Aabasaheb	P	P	P	P	P	P	P	P	P	A	
2	Chorge Lakhan Mahadev	P	P	P	P	P	P	P	P	A	P	
3	Chormale Santosh Babasaheb	P	P	P	P	P	P	P	A	P	P	
4	Chumble Atul Bharatrao	P	P	P	P	P	P	A	P	P	P	
5	Daware Abhishek Suresh	P	P	P	P	P	A	A	P	P	P	
6	Garad Aniket Laxmikant	P	P	P	P	A	P	P	P	P	P	
7	Gopal Komal Sunil	P	P	P	A	P	P	P	P	P	P	
8	Joshi Abhishek Mohan	P	P	A	P	P	P	P	P	P	P	
9	Joshi Gayatri Dattatray	P	A	P	P	P	P	P	P	P	P	
10	Kadam Amar Vaijanath	A	P	P	P	P	P	P	P	P	P	
11	Kadam Parmeshwar Ashvanegh	P	A	P	P	P	P	P	P	P	P	
12	Kate Vishal Suresh	P	P	A	P	P	P	P	P	P	P	
13	Korde Rameshwar Vaijanath	P	P	P	A	P	P	P	P	P	A	
14	Nagthane Pawan Baslingappa	P	P	P	P	A	P	P	P	A	P	
15	Nirmal Ashwini Manikrao	P	P	P	P	P	A	P	A	P	P	
16	Painjane Yash Dnyaneshwar	P	P	P	P	P	P	A	P	P	P	
17	Panchal Rahul Keshav	P	P	P	P	P	A	P	A	A	P	
18	Rupnar Parmeshwar Mohan	P	P	P	P	A	P	P	P	P	A	
19	Sabale Kanchan Ganesh	P	P	P	A	P	P	P	P	A	P	
20	Shaikh Najir Raju	P	P	A	P	P	P	P	A	P	P	
21	Solanke Akash Dnyanoba	P	A	P	P	P	P	A	P	P	P	
22	Solanke Bhagyashri Dipak	A	P	P	P	P	A	P	P	P	P	
23	Sugade Yogesh Shriram	P	P	P	P	A	P	P	P	P	P	
24	Taur Ravi Jalindhar	P	P	P	A	P	P	P	P	P	P	
25	Vibhute Ganesh Sudhakar	P	P	A	P	P	P	P	P	A	A	







**B.Com IInd Semester Syllabus (CBCS)  
Financial Accounting-II**

**Theory: 80  
Practical: 20**

**Objective:** The purpose of this course is to develop the skill among the students about Preparing an organization's accounts.

- Unit-I            Accounting Principles and Accounting Standards (Theory)**  
AS-1, AS-2, AS-9, AS-10, AS-17
- Unit-II            Final Accounts of Non-trading Concerns (Numerical)**  
Meaning of Non-trading concerns, features, Capital and Revenue Receipts and Expenditures, difference between Receipts and Payments Account, Income and Expenditure Account, Preparation of Final Accounts.
- Unit-III          Branch Accounts (Numerical)**  
Meaning of branch and branch account, objectives of branch account, Classification of branches, Accounting for Dependent Branches-Methods of accounting for branch accounting:  
**Debtors System**-Meaning, cost price method and invoice price method, accounting entries in the books of head office and ledger accounts.  
**Stock and Debtors System**-meaning, accounting entries in the books of head office and ledger accounts
- Unit- IV          Departmental Accounts (Numerical)**  
Meaning, Objectives, Advantages of Department Accounts, Accounting Procedure- Unitary method and Tabular or Columnar Method, Allocation of Expenses and Incomes, Inter-departmental Transfers, Preparation of Departmental Trading, Profit and Loss Account and Balance Sheet.
- Unit-V            Consignment Accounting (Numerical)**  
Meaning of Consignment Account, Distinction between consignment and sale, Valuation of inventories, goods invoiced above cost, normal loss, abnormal loss, Accounting entries in the books of the consignor and consignee, Ledger accounts- consignment account, Goods sent on consignment account, inventories on consignment account, inventory reserve account consignee's account, consignor's account.

**Suggested Readings:**

- |  |                                      |
|--|--------------------------------------|
| 1. Advanced Accounts-                          | MC Shukla, T.S. Grewal&S.C.Gupta     |
| 2. Financial Accounting-                       | V.K. Goyal&RuchiGoyal                |
| 3. A New Approach to Accountancy-              | H.R. Kotalwar                        |
| 4. Financial Accounting-                       | A. Mukherjee&M. Hanif                |
| 5. An Introduction to Accountancy-             | Dr. S.N. Maheshwari& S.K. Maheshwari |
| 6. Financial Accounting A Simplified Approach- | Naseem Ahmed                         |
| 7. Students Guide to Accounting Standards-     | D.S. Rawat&DeeptiMaheshwari          |
| 8. Financial Accounting-                       | S.N. Patil& Ashok Patil              |

**Practical: 20 Marks : (to be conducted by the department in each college as per convenience.)**

- |              |    |
|--------------|----|
| 1. Test-     | 05 |
| 2. Tutorial- | 05 |
| 3. Seminar-  | 10 |



B.Com first Semester Syllabus (CBCS)

## • Business Mathematics &amp; Statistics-II

Theory: 80  
Practical: 20

## Objectives:

- 1). To provide knowledge and information about Statistical Applications.
- 2). To create skill and ability among students for using the Statistical Methods, Tools, Techniques by using I.T. devices.

## 1. Logarithms

08/12

Introduction, Principle of logarithms, Procedure to find out log values, mantissa Value & natural number value. Rules for Multiplication and Division.

## 2. Correlations

12

Meaning of co-relation, Definition of co-relation, Types of co-relation, Methods of studying co-relation: Karl Pearson's, & Spearman's Rank Correlation Methods of Co-relation of co-efficient.

## 3. Regression

12

Meaning of regression, Types of regression: linear regression, Simple and Multiple regression Methods of estimating simple regression lines: Freehand Method & Regression Equations

## 4. Index Numbers

12

Meaning of Index number, Types of Index number, Uses of Index number, Methods of constructing price indices: Laspeyre's, Paasche's, Kellye's, Dorbish & Bowley's, simple aggregative & Fisher's Ideal Index Number.

## 5. Probability and Expected Value.

12

Meaning and Nature of Probability, Definitions of probability, Applications of Probability-Addition & Multiplication, Law of Probability, ~~Conditional probability~~.

## Internal Work and Assignment.

04

Statistical Application with Computer (Only for knowledge & Practical application)  
Use of Excel, Knowledge of SPSS and other Statistical and Mathematical Tools and - Software's

Note: Practical's to be conducted based on curriculum given in semester I and II of Business Mathematics and Statistics by using Computers & other I.T. Devices  
Can be included in 20 marks,

## Books Recommended'

1. Statistical Methods: Dr. S.P. Gupta, Sultan Chand & Sons.
2. Fundamentals of Statistics: D.N. Elhance, et.al, Kitab Mahal.
3. Statistics (Theory, Methods & Application): Dr. D.C. Sancheti, V.K. Kapoor, Sultan Chand & Sons.
4. Fundamental of statistics Dr. D.N. Elhance
5. Problems in Statistics Dr. Y.R. Mahajan
6. Essence of Business Mathematics — Dr. R.K. Rajput











## Remedial Classes

**Business Mathematics & Statistics -II**  
 First Year – 2018-2019 (Second Semester)  
 Attendance of Student of Remedial Coaching  
 Name of Faculty- **Mr. A.S. Ughade**  
 Month – January

Sr. No.	Name of the Student	Date										
		07	08	14	15	21	22	28	29	30	31	-
1	Bidve Ashwini Aabasaheb	P	P	P	P	P	P	P	P	P	A	
2	Chorge Lakhan Mahadev	P	P	P	P	P	P	P	P	P	P	
3	Chormale Santosh Babasaheb	P	P	P	P	P	P	P	P	P	P	
4	Chumble Atul Bharatrao	P	P	P	P	P	P	P	P	P	P	
5	Daware Abhishek Suresh	P	P	P	P	P	P	P	P	P	P	
6	Garad Aniket Laxmikant	P	P	P	P	P	P	P	P	P	P	
7	Gopal Komal Sunil	P	P	P	P	P	P	P	A	P	P	
8	Joshi Abhishek Mohan	P	P	P	P	P	P	P	P	P	P	
9	Joshi Gayatri Dattatray	P	P	P	P	P	P	P	P	P	P	
10	Kadam Amar Vaijanath	A	P	P	P	P	P	P	P	P	P	
11	Kadam Parmeshwar Ashvanegh	P	P	P	P	P	P	P	P	P	P	
12	Kate Vishal Suresh	P	P	P	P	P	P	P	P	P	P	
13	Korde Rameshwar Vaijanath	P	P	P	P	P	P	A	P	P	P	
14	Nagthane Pawan Baslingappa	P	P	P	P	P	P	P	P	P	P	
15	Nirmal Ashwini Manikrao	P	P	P	P	P	P	P	P	P	P	
16	Painjane Yash Dnyaneshwar	P	P	P	A	P	P	P	P	P	P	
17	Panchal Rahul Keshav	P	P	P	P	P	P	P	P	P	P	
18	Rupnar Parmeshwar Mohan	A	P	P	P	P	P	P	P	P	P	
19	Sabale Kanchan Ganesh	P	P	P	P	P	P	P	P	P	P	
20	Shaikh Najir Raju	P	P	P	P	P	P	P	P	P	P	
21	Solanke Akash Dnyanoba	P	P	P	P	P	P	P	P	P	P	
22	Solanke Bhagyashri Dipak	P	P	P	P	P	P	P	P	P	A	
23	Sugade Yogesh Shriram	P	P	P	P	P	P	P	P	P	P	
24	Taur Ravi Jalindhar	P	P	P	P	P	P	P	P	P	P	
25	Vibhute Ganesh Sudhakar	A	P	P	P	P	P	P	P	P	A	



**Head**

**Dept. of Commerce,**  
 Sunderrao Solanke Mahavidyalaya  
 Majalgaon Dist. Beed. (M.H.) 431131



Marathwada Shikshan Prasarak Mandal's

**Sunderrao Solanke Mahavidyalaya Majalgaon,**

**Department of Commerce**

Time Table for Remedial Classes

Academic Year 2017-2018

**B.Com First Year (I & II Semester)**

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	BMS	1.00 to 2.00	78
Tuesday	Fin A/c	1.00 to 2.00	76
	BMS	1.00 to 2.00	78

**Head**  
**Dept. of Commerce,**  
Sunderrao Solanke Mahavidyalaya  
Majalgaon Dist. Beed. (M.H.) 431131





**PAPER VII**

**FINANCIAL ACCOUNTING - I**

**Theory 50**

**Objectives:** *The course aims at acquainting the students with the emerging issues in business, trade and commerce regarding recording, maintaining and presenting the accounting and financial facts.*

**Unit I: Book Keeping And Accountancy**

Meaning, Scope, Classification, and Rules of Accounts, Accounting Cycle, Journal, Ledger, Balancing of Account.

**Unit II: Final Accounts of Sole Trader**

**Unit III: Depreciation**

Fixed, Reducing, Annuity and Sinking Fund Method

**Unit IV: Hire Purchase System**

**Unit V: Installment System**

**Suggested Readings:**

1. Advanced Accountancy- M.C.Shukla
2. Advanced Accountancy- R.C.Shukla
3. Accountancy- Mahurkar & Deshpande
4. New Approach To Accountancy- H.R.Kotalwar



**CBCS Pattern Syllabus w.e.f. June 2018 Onwards**  
**Faculty of Commerce**  
**B.Com. F.Y. (First Semester)**  
**Business Mathematics and Statistics-I**

**Theory-80**

**Practical/ Sessional -20**

---

**Objectives:** The Objective of this paper is to impart knowledge to students in order to improve their Logical Reasoning, Ability and Interpretation, Application of various statistical and Mathematical Tools and Techniques in making logical and scientific decisions in Business Operations.

---

**Unit I: Introduction to Statistics: - (Theory)**  
 Meaning, Definition, Importance and Limitations of Statistics, Primary and Secondary Data, Methods of collecting primary data, sources of secondary data. Difference between Primary and Secondary data. Ways of collection of data:  
 a) Complete enumeration b) Sample Method, seriation and Tabulation of statistical data.

**Unit II: Measures of Central Tendency: - (Numerical)**  
 Introduction, definition, types of averages Mean, Median, and Mode: Computation of above Measures in Discrete series, continuous series, and cumulative Frequency. Distribution. (Less than and More than). Merits and Demerits of Mean, Median and Mode.

**Unit III: Measures of Dispersion & Skewness: - (Numerical)**  
 Introduction, Definition, Objectives of Measuring Dispersion. Mean Deviation and its coefficient, Standard deviation, its coefficient with its Co- variance.  
**Skewness** :-Introduction, Definition, Objectives of Skewness, Measures of Skewness: Karl Pearson's Co-efficient of skewness.

**Unit IV: Determinants: - (Numerical)**  
 Definition, Cramer's Rule Determinant of second order, Determinant of Third Order. Properties of Determinants. Computation of Area of Triangle with the help of determinant. SARRU'S Rule for evaluating the determinant.

**Unit V: Matrices: - (Numerical)**  
 Meaning, Definition and types of Matrices. Operations of Matrices: Addition and subtraction; properties of addition and subtractions.

**Suggested Readings:**

- 1) Statistics: S.P. Gupta (Sultan Chand & Sons New Delhi)
- 2) Fundamental of Statistics: D. N. Elhance (Kitab Mahal Allahbad)
- 3) Practical Problems in Statistics: Y.R. Mahajan
- 4) Statistics: Sancheti and Kapoor
- 5) Elementary Statistical Methods: Dr. S.P. Gupta, Sultan Chand & Sons.
- 6) Fundamentals of Statistics: D.N. Elhance, Kitab Mahal.
- 7) Statistics (Theory, Methods & Application): Dr. D.C. Sancheti, V.K. Kapoor, Sultan Chand & sons





## Remedial Classes

**Subject: Financial Accounting – I**

First Year – 2017-2018 (First Semester)

Attendance of Student of Remedial Coaching

Name of Faculty- **Dr. N. R. Dhawale**

Month – August

Sr. No.	Name of the Student	Date										
		07	08	14	15	21	22	28	29	30	31	–
1	Aage Sakham Vishnu	P	P	P	P	A	P	P	P	P	P	–
2	Anbhula Rushikesh Anil	P	P	P	P	P	P	A	P	P	P	–
3	Gopal Dnyaneshwar Vasant	P	P	P	A	P	P	P	P	P	P	–
4	Jadhav Yashwant Prakashrao	P	P	P	P	P	P	P	P	P	P	–
5	Jare Mahesh Rajabhau	P	P	P	P	P	P	P	P	P	P	–
6	Joshi Umesh Laxmanrao	P	P	P	P	P	P	P	P	P	P	–
7	Katara Ravi Balasaheb	P	P	P	P	A	P	P	P	P	P	–
8	Kavale Akshaya Balasaheb	P	P	P	P	P	P	P	P	P	P	–
9	Korde Tukaram Madhukar	P	P	P	P	P	P	P	P	P	A	–
10	Kshirsagar Akshay Dagdu	P	P	A	P	P	P	P	P	P	P	–
11	Lokhande Sachin Ashok	P	P	P	P	P	P	P	P	P	P	–
12	Muley Nikhil Pradip	P	P	P	P	P	P	P	P	P	P	–
13	Panchal Sunil Gangadar	P	P	P	P	P	A	P	P	P	P	–
14	Paradkar Dattatray Suryakant	P	P	P	P	P	P	P	P	P	P	–
15	Rampurikar Pooja Nandkumar	A	P	P	P	P	P	P	P	P	P	–
16	Rupnar Uttareswar Khandu	P	P	P	P	P	P	P	P	P	P	–
17	Sawant Vaishnavi Vitthalrao	P	P	P	P	P	P	P	A	P	P	–
18	Shedge Akshay Vishnu	P	P	P	P	P	P	P	P	P	P	–
19	Shejul Dhananjay Sanjay	P	P	P	P	P	P	P	P	P	P	–
20	Shinde Vilas Sakham	P	P	P	A	P	P	P	P	P	P	–
21	Sirsat Lakhan Baban	P	P	P	P	P	P	P	P	P	P	–
22	Sirsat Rani Raybhan	P	P	P	P	P	P	P	P	A	P	–
23	Takle Sayalee Narayan	P	P	P	P	P	P	P	P	P	P	–
24	Taur Swayam Sunil	P	P	P	P	P	P	P	P	P	P	–
25	Tehare Onkar Ramesh	P	P	P	A	P	P	P	P	P	A	–





## Remedial Classes

### Business Mathematics & Statistics - I

First Year – 2017-2018 (First Semester)

Attendance of Student of Remedial Coaching

Name of Faculty- **Mr. A.S. Ughade**

Month – August

Sr. No.	Name of the Student	Date										
		07	08	14	15	21	22	28	29	30	31	-
1	Aage Sakharam Vishnu	P	P	P	A	P	A	P	P	P	P	-
2	Anbhula Rushikesh Anil	P	P	P	P	A	P	P	P	P	A	-
3	Gopal Dnyaneshwar Vasant	A	A	P	P	P	P	P	P	P	P	-
4	Jadhav Yashwant Prakashrao	A	P	A	P	P	P	P	P	P	P	-
5	Jare Mahesh Rajabhau	P	P	A	P	P	P	P	P	P	P	-
6	Joshi Umesh Laxmanrao	P	P	P	A	P	P	P	P	P	P	-
7	Katare Ravi Balasaheb	P	P	P	P	P	A	A	P	P	P	-
8	Kavale Akshaya Balasaheb	A	P	P	P	A	P	P	P	P	P	-
9	Korde Tukaram Madhukar	P	P	P	P	P	P	P	P	P	P	-
10	Kshirsagar Akshay Dagdu	A	A	P	P	P	P	P	P	P	P	-
11	Lokhande Sachin Ashok	P	P	P	P	A	P	P	P	P	P	-
12	Muley Nikhil Pradip	P	P	P	A	A	P	P	P	P	P	-
13	Panchal Sunil Gangadar	P	P	P	P	P	A	A	P	P	P	-
14	Paradkar Dattatray Suryakant	P	P	P	P	P	P	A	P	P	P	-
15	Rampurikar Pooja Nandkumar	A	A	P	P	P	P	P	P	P	P	-
16	Rupnar Uttareswar Khandu	P	P	A	P	A	P	P	P	P	A	-
17	Sawant Vaishnavi Vitthalrao	P	P	A	A	P	P	P	A	P	P	-
18	Shedge Akshay Vishnu	P	P	P	P	P	A	P	P	P	P	-
19	Shejul Dhananjay Sanjay	A	P	P	P	P	P	P	A	P	P	-
20	Shinde Vilas Sakharam	P	P	P	P	A	P	A	P	P	P	-
21	Sirsat Lakhan Baban	P	P	A	P	P	P	P	P	P	P	-
22	Sirsat Rani Raybhan	A	A	P	P	P	P	A	P	P	P	-
23	Takle Sayalee Narayan	P	P	P	A	P	P	P	A	A	P	-
24	Taur Swayam Sunil	P	P	P	P	A	P	P	P	P	A	-
25	Tehare Onkar Ramesh	P	P	A	P	A	P	P	A	P	A	-









## Remedial Classes

**Business Mathematics & Statistics -I**  
 First Year – 2017-2018 (First Semester)  
 Attendance of Student of Remedial Coaching  
 Name of Faculty- **Mr. A.S. Ughade**  
 Month – September

Sr. No.	Name of the Student	Date										
		04	05	11	12	18	19	25	26	27	28	-
1	Aage Sakharam Vishnu	A	P	P	P	P	P	P	P	P	P	-
2	Anbhula Rushikesh Anil	P	P	P	P	P	P	A	P	P	P	-
3	Gopal Dnyaneshwar Vasantao	P	P	A	P	P	P	P	P	P	P	-
4	Jadhav Yashwant Prakashrao	P	P	P	P	P	P	P	P	P	P	-
5	Jare Mahesh Rajabhau	P	P	P	P	P	P	P	P	A	P	-
6	Joshi Umesh Laxmanrao	P	P	P	P	P	P	P	P	P	P	-
7	Katare Ravi Balasaheb	P	P	A	P	P	P	P	P	P	P	-
8	Kavale Akshaya Balasaheb	P	P	A	P	P	P	P	P	P	P	-
9	Korde Tukaram Madhukar	P	P	P	P	P	P	P	P	P	P	-
10	Kshirsagar Akshay Dagdu	P	P	P	P	P	P	P	P	P	P	-
11	Lokhande Sachin Ashok	P	A	A	P	P	P	P	P	P	P	-
12	Muley Nikhil Pradip	P	P	P	P	P	P	P	P	A	P	-
13	Panchal Sunil Gangadar	P	P	P	P	P	P	P	P	P	A	-
14	Paradkar Dattatray Suryakant	A	A	P	P	P	P	P	P	P	P	-
15	Rampurikar Pooja Nandkumar	P	P	P	P	P	P	P	P	P	P	-
16	Rupnar Uttareswar Khandu	A	P	P	P	P	P	P	P	P	P	-
17	Sawant Vaishnavi Vitthalrao	A	P	P	P	P	P	A	P	P	P	-
18	Shedge Akshay Vishnu	P	P	P	P	P	P	A	P	P	P	-
19	Shejul Dhananjay Sanjay	P	P	P	P	P	P	P	P	P	P	-
20	Shinde Vilas Sakharam	P	P	P	P	P	P	P	P	P	P	-
21	Sirsat Lakhan Baban	P	P	P	P	P	P	A	A	P	P	-
22	Sirsat Rani Raybhan	P	A	P	P	P	P	P	P	P	P	-
23	Takle Sayalee Narayan	P	A	P	P	P	P	P	P	P	P	-
24	Taur Swayam Sunil	P	P	P	P	P	P	P	P	P	P	-
25	Tehare Onkar Ramesh	P	P	A	A	A	P	P	P	P	P	-





**PAPER XIV FINANCIAL ACCOUNTING - II**  
**Theory 50**

**Unit I:** Accounting of Non Trading Concern

**Unit II:** Royalty Accounts

**Unit III:** Branch Account  
Debtors System, Stock and Debtors System

**Unit IV:** Solicitors Final Account

**Unit V:** Accounting Standards- Meaning, Definition. AS-1, AS-9

**Recommended Books:**

Advanced Accountancy M.C. Shukla

Advanced Accountancy- R.C.Shukla

Financial Accountancy Hanif & Mukherjee



## B.Com IInd Semester Syllabus (CBCS)

### Business Mathematics & Statistics-II

**Theory: 80**  
**Practical: 20**

#### Objectives :

- 1). To provide knowledge and information about Statistical Applications.
- 2). To create skill and ability among students for using the Statistical Methods, Tools, Techniques by using I.T. devices.

<b>1. Co-relations</b>	15
-Meaning of co-relation, Definition of co-relation, Types of co-relation, Methods of studying co-relation and probable errors, Co-relation co-efficient.	
<b>2. Regression</b>	15
-Meaning of regression, Types of regression, linear regression, Methods of estimating regression lines.	
<b>3. Index Numbers</b>	15
-Meaning of Index number, Types of Index number, Uses of Index number, Methods and constructing of price indices.	
<b>4. Probability and Expected Value.</b>	10
-Meaning and Nature of Probability, Definitions of probability, Applications of Probability-Addition & Multiplication, Law of Probability, Conditional probability.	
<b>5. Statistical Application with Computer (Only for knowledge &amp; Practical application)</b>	05
-Use of Excel, Knowledge of SPSS and other Statistical and Mathematical Tools and Softwares.	

**Note : Practicals to be conducted based on curriculum given in semester I and Semester II of Business Mathematics and Statistics by using Computers & other I.T. Devices. Can be included in 20 marks, Internal Work and Assignment.**

#### *Books Recommended*

1. Elementary Statistical Methods: Dr. S.P. Gupta, Sultan Chand & Sons.
2. Fundamentals of Statistics: D.N. Elhance, et.al, Kitab Mahal.
3. Statistics (Theory, Methods & Application): Dr. D.C. Sancheti, V.K. Kapoor, Sultan Chand & Sons.
4. Fundamental of statistics – Dr. D.N. Elhance
5. Statistical Methods Dr. Sancheti and Kapoor
6. Statistical methods – Dr. SP Gupta
7. Problems in Statistics – Dr. Y.R. Mahajan
8. Essence of Business Mathematics – Dr. R.K. Rajput





## Remedial Classes

**Subject: Financial Accounting –II**

First Year – 2017-2018 (Second Semester)

Attendance of Student of Remedial Coaching

Name of Faculty- **Dr. N.R. Dhawale**

Month – December

Sr. No.	Name of the Student	Date										
		04	05	11	12	18	19	25	26	27	28	-
1	Aage Sakharam Vishnu	A	P	A	P	P	P	P	P	P	P	-
2	Anbhula Rushikesh Anil	P	P	P	P	P	P	P	P	A	P	-
3	Gopal Dnyaneshwar Vasant	P	P	P	P	A	P	P	P	P	P	-
4	Jadhav Yashwant Prakashrao	P	P	A	P	P	P	P	P	P	P	-
5	Jare Mahesh Rajabhau	P	P	P	P	P	P	P	P	P	P	-
6	Joshi Umesh Laxmanrao	P	P	P	P	P	P	P	A	P	P	-
7	Katare Ravi Balasaheb	P	P	A	P	P	P	P	A	P	P	-
8	Kavale Akshaya Balasaheb	P	P	P	P	P	P	P	P	P	P	-
9	Korde Tukaram Madhukar	P	P	P	P	P	P	P	A	P	P	-
10	Kshirsagar Akshay Dagdu	P	P	P	P	P	P	P	P	P	P	-
11	Lokhande Sachin Ashok	P	P	A	P	P	P	P	P	P	P	-
12	Muley Nikhil Pradip	P	P	P	P	P	P	P	P	P	P	-
13	Panchal Sunil Gangadar	P	P	P	A	P	P	P	P	A	P	-
14	Paradkar Dattatray Suryakant	P	P	P	P	P	P	P	P	P	P	-
15	Rampurikar Pooja Nandkumar	P	P	P	P	P	P	P	A	P	P	-
16	Rupnar Uttareswar Khandu	P	P	A	P	P	P	P	P	P	A	-
17	Sawant Vaishnavi Vitthalrao	P	P	A	P	P	P	P	P	P	P	-
18	Shedge Akshay Vishnu	P	P	P	P	P	P	P	P	P	P	-
19	Shejul Dhananjay Sanjay	P	P	P	P	P	P	P	P	P	P	-
20	Shinde Vilas Sakharam	P	P	A	A	P	P	P	P	A	P	-
21	Sirsat Lakhan Baban	P	P	P	P	P	P	P	P	P	P	-
22	Sirsat Rani Raybhan	A	P	P	A	P	P	P	P	A	A	-
23	Takle Sayalee Narayan	P	P	P	P	P	P	P	P	P	P	-
24	Taur Swayam Sunil	A	P	P	P	P	P	P	P	P	P	-
25	Tehare Onkar Ramesh	A	P	P	P	P	P	P	A	P	P	-





## Remedial Classes

**Business Mathematics & Statistics -II**  
 First Year – 2017-2018 (Second Semester)  
 Attendance of Student of Remedial Coaching  
 Name of Faculty- **Mr. A.S. Ughade**  
 Month – December

Sr. No.	Name of the Student	Date										
		04	05	11	12	18	19	25	26	27	28	-
1	Aage Sakharam Vishnu	P	P	P	A	P	P	P	P	P	P	-
2	Anbhula Rushikesh Anil	A	P	P	P	P	P	P	A	P	P	-
3	Gopal Dnyaneshwar Vasantao	P	P	P	P	P	P	P	P	P	P	-
4	Jadhav Yashwant Prakashrao	P	P	P	A	P	P	P	P	P	P	-
5	Jare Mahesh Rajabhau	P	P	P	P	P	P	P	P	P	P	-
6	Joshi Umesh Laxmanrao	P	P	P	P	P	P	P	P	P	P	-
7	Katare Ravi Balasaheb	A	A	A	P	P	P	P	A	P	P	-
8	Kavale Akshaya Balasaheb	P	P	P	P	P	P	P	P	P	P	-
9	Korde Tukaram Madhukar	P	P	P	P	P	P	P	A	P	P	-
10	Kshirsagar Akshay Dagdu	P	P	A	A	P	P	P	P	P	P	-
11	Lokhande Sachin Ashok	P	P	A	P	P	P	P	P	P	P	-
12	Muley Nikhil Pradip	P	P	P	P	P	P	P	P	P	P	-
13	Panchal Sunil Gangadar	P	P	P	P	P	P	P	P	P	P	-
14	Paradkar Dattatray Suryakant	P	P	P	P	P	A	A	P	P	P	-
15	Rampurikar Pooja Nandkumar	P	P	P	P	P	P	P	P	P	P	-
16	Rupnar Uttareswar Khandu	P	A	P	P	P	P	P	A	A	P	-
17	Sawant Vaishnavi Vitthalrao	P	P	P	P	P	P	P	P	P	P	-
18	Shedge Akshay Vishnu	P	A	P	P	P	P	P	P	P	P	-
19	Shejul Dhananjay Sanjay	P	P	P	P	P	P	P	A	P	P	-
20	Shinde Vilas Sakharam	P	P	P	A	P	P	P	P	P	P	-
21	Sirsat Lakhan Baban	P	P	P	P	P	P	P	P	P	P	-
22	Sirsat Rani Raybhan	A	P	P	P	P	P	P	P	A	P	-
23	Takle Sayalee Narayan	P	P	P	P	P	P	P	P	P	P	-
24	Taur Swayam Sunil	P	P	P	P	P	P	P	P	P	P	-
25	Tehare Onkar Ramesh	P	P	P	A	P	P	A	P	P	P	-









## Remedial Classes

**Business Mathematics & Statistics -II**  
 First Year – 2017-2018 (Second Semester)  
 Attendance of Student of Remedial Coaching  
 Name of Faculty- **Mr. A.S. Ughade**  
 Month – January

Sr. No.	Name of the Student	Date										
		08	09	15	16	22	23	24	25	29	30	-
1	Aage Sakharam Vishnu	P	P	P	P	P	P	P	A	P	P	-
2	Anbhula Rushikesh Anil	P	P	A	P	P	P	P	P	P	P	-
3	Gopal Dnyaneshwar Vasant	P	P	P	P	P	P	P	A	P	P	-
4	Jadhav Yashwant Prakashrao	P	P	P	P	A	P	P	P	P	P	-
5	Jare Mahesh Rajabhau	P	P	P	P	P	A	P	P	P	P	-
6	Joshi Umesh Laxmanrao	P	P	P	P	P	P	P	A	P	P	-
7	Katare Ravi Balasaheb	P	P	A	P	P	P	P	P	P	P	-
8	Kavale Akshaya Balasaheb	P	P	P	P	P	P	P	P	P	P	-
9	Korde Tukaram Madhukar	P	P	P	P	P	A	P	P	P	P	-
10	Kshirsagar Akshay Dagdu	P	P	P	P	P	P	P	P	P	P	-
11	Lokhande Sachin Ashok	P	P	P	A	P	P	P	P	P	P	-
12	Muley Nikhil Pradip	P	P	P	P	P	P	P	P	P	P	-
13	Panchal Sunil Gangadar	P	P	P	P	P	P	P	A	P	P	-
14	Paradkar Dattatray Suryakant	P	P	P	P	P	P	P	P	P	P	-
15	Rampurikar Pooja Nandkumar	P	P	P	A	P	P	P	P	P	P	-
16	Rupnar Uttareswar Khandu	P	P	P	P	P	P	P	P	A	P	-
17	Sawant Vaishnavi Vitthalrao	P	P	P	P	P	P	P	P	P	P	-
18	Shedge Akshay Vishnu	P	A	P	P	P	P	P	P	P	P	-
19	Shejul Dhananjay Sanjay	P	P	P	P	P	P	P	P	P	P	-
20	Shinde Vilas Sakharam	P	P	P	P	P	A	P	P	P	A	-
21	Sirsat Lakhan Baban	P	P	P	P	P	P	P	P	P	P	-
22	Sirsat Rani Raybhan	P	P	P	P	P	P	P	P	P	P	-
23	Takle Sayalee Narayan	P	P	A	P	P	P	A	P	P	P	-
24	Taur Swayam Sunil	P	P	P	P	P	P	P	P	P	P	-
25	Tehare Onkar Ramesh	P	P	A	P	P	P	P	P	P	P	-

**Coordinator**

Internal Quality Assurance Cell (IQAC)  
 Sunderrao Solanke Mahavidyalaya,  
 Majalgaon, Dist. Beed (MS)

**PRINCIPAL**

Sunderrao Solanke Mahavidyalaya  
 Majalgaon Dist. Beed (M.S.)

**Head**

Dept. of Commerce,  
 Sunderrao Solanke Mahavidyalaya  
 Majalgaon Dist. Beed (M.H.) 431131