



S.P.V.V.'S
G.P.PORWAL ARTS, COMMERCE &
V.V.SALIMATH SCIENCE COLLEGE, SINDGI
586 128

BROCHURE



DEPARTMENT OF MATHEMATICS

CERTIFICATE COURSE

2022-23

TITLE

BUSINESS MATHEMATICS


Co-ordinator IQAC
G. P. PORWAL ARTS, COM &
V. V. SALIMATH SC. College
SINDGI-586128


Principal,
G. P. Porwal Arts, Commerce &
V. V. Salimath Sc. College
SINDGI-586128


Principal,
G. P. Porwal Arts, Commerce &
V. V. Salimath Sc. College
SINDGI-586128



S.P.V.V.S'S
G.P.PORWAL ARTS, COMMERCE AND V.V.SALIMATH SCIENCE COLLEGE,
SINDGI – 586 128
(Dist: Vijayapur. Karnataka State)



NAME OF THE COURSE

BUSINESS MATHEMATICS

OFFERED BY

**DEPARTMENT OF
MATHEMATICS**

COURSE CODE

MATHSCC05 22-23

COURSE COORDINATOR

**SHM P.M.BAMMANNI
HOD, MATHEMATICS**

DEPARTMENT OF MATHEMATICS CERTIFICATE COURSE DETAILS

INSTRUCTIONAL DESIGN

40 HOURS (This course is of forty Hrs duration which is Theory)

ABOUT COLLEGE

G.P.Porwal Arts, Commerce & V.V.Salimath Science College is the first science college in Sindagi Taluk of Vijayapur district which provides education in science stream at U.G. level to the educationally, economically and socially backward students of this Taluk. Since 1988, many students are graduated with B.Sc in Mathematics is one of the optional subject.

IQAC of G.P.Porwal Arts, Commerce & V.V.Salimath Science College, in its meeting decided to introduce few self financed certificate courses from the academic sessions 2022-23. The continuation of these courses will depend on interest and participation of students.

ELIGIBILITY

All students belonging to I semester are eligible to enroll for the course.


Dept. of Mathematics
G.P.Porwal Arts, Commerce & V.V. Salimath Science
College, SINDAGI-586128


Coordinator IQAC
G. P. PORWAL ARTS, COM &
V. V. SALIMATH Sc. College,
SINDGI-586128.


Principal,
G. P. Porwal Arts, Comm &
V. V. Salimath Sc. College
SINDGI-586128. College Code: 523

SCOPE OF THE COURSE

Business Mathematics is an important subject and knowledge of it enhance a person reasoning and problems solving skill

OBJECTIVES

- ❖ To develop basic understanding regarding **Business Mathematics** in the students.
- ❖ To introduce Mathematics how to apply in Business.
- ❖ To enhance their skills about mathematics

BENEFITS

- ❖ It has everything to do with finances, stock forecasting, insurance risk analysis and even computing the odds and payoffs in games of chance.
- ❖ In business you are required to calculate simple and compound interest.
- ❖ In business deal with statistics for forecasting shares and costs of future stock probability to look at how risk is calculated.

COURSE OUTCOMES

This course will enable the students to Translate the real word problems through appropriate mathematical Modeling.

- Explain the concepts and use equations, formulae and mathematical expression and relationship in a variety of context.
- Finding the extreme values of functions.
- Analyze and demonstrate the mathematical skill require in
- Mathematically intensive areas in economics and business.


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College, SINDGI-586128.


Coordinator IQAC
G. P. PORWAL ARTS, COM &
V. SALIMATH So. College,
SINDGI-586128.


Principal,
G. P. Porwal Arts, Comm &
V. V. Salimath Sc. College,
SINDGI-586128, College Code: 200

COURSE CONTENT

Chapters.

40 hours

1. Percentage
2. Average
3. Ratio & Proportion
4. Partnership
5. Profit & Loss
6. Time & Work
7. Problems on Numbers
8. Problems on Ages
9. Simple Interest
10. Clock
11. Data Analysis

BOARD OF STUDIES

- | | | |
|----------------------|---|-----------|
| 1. Prof. D.M.Patil | : | Principal |
| 2. Smt.P.M.Bammanni | : | Member |
| 3. Smt .R.M.Honmore | : | Member |
| 4. Miss M.S.Bommanni | : | Member |

THANK YOU


Head
Dept. of Mathematics
G.P. Porwal Arts, Comm & V.V. Salimath
College, SINDAGI-586128.


Coordinator IQAC
G. P. PORWAL ARTS, COMM &
V. V. SALIMATH So. College
SINDAGI-586128,


Principal,
G. P. Porwal Arts, Comm &
V. V. Salimath So. College
SINDAGI-586128. College Code: 5234



S.P.V.V.S, Sarangamath, Sindgi



**G P Porwal Arts, Commerce & V V Salimath
Science College, Sindagi - 586 128**

IQAC Initiative

Department of Mathematics

Year : 2022-2023

**INAUGURAL FUNCTION OF
CERTIFICATE COURSE ON
"BUSSINESS MATHEMATICS"**

Thursday, 13-10-2022 Venue: Digital Room Time: 11:30 am

Guest : Prof.M.L.Paramanand

T.S.P.C.M.Managuli College, sindagi

President : Prof. D. M. Patil

Principal

All are cordially invited

**Smt. R M Honamore
Dept. of Mathematics**

**Miss. M S Bammanni
Dept. of Mathematics**

**Dr. M J Sankpal
President, Gymkhana**

**Smt. S S Muttinpendimath
Coordinator, IQAC**

**Smt. P M Bammanni
HOD, Dept. of Mathematics**

S.P.V.V.S.S.

**G.P.PORWAL ARTS, COMMERCE AND V.V.SALIMATH SCIENCE COLLEGE
SINDGI – 586 128**

Dist: Vijayapur) Affiliated to Rani Channamma University-Belagavi (Karnataka State
Accredited at B (2.42 CGPA) by NAAC
E-mail:gppprincipal@gmail.com Web: www.gppvvs.ac.in Ph: 9611032604

Date:02/09/2022

To,
The Coordinator,
IQAC

Academic Year: 2022-2023

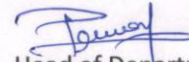
Sub: Request for Permission to conduct Certificate Course

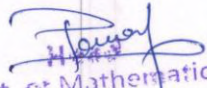
Sir/Madam,

With reference to subject cited above I would like to bring to your kind information that; our Department is going to conduct Certificate Course for B.Sc. I semester students. Kindly permit us the same for the welfare of our students.

Hoping that the authority will do the needful and oblige

Thanking you


Head of Department


Dept. of Mathematics
G. P. Porwal Arts, Comm. & V. V. Salimath
Science College, SINDGI-586128.


Co-ordinator IQAC
G. P. Porwal Arts, Comm & V. V. Salimath
Science College, SINDGI-586128. Dt:Vijayapur


Principal,
G. P. Porwal Arts, Comm. &
V. V. Salimath Sc. College,
SINDGI-586128. College Code: 5234



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E-mail: gppprincipal@gmail.com Web: www.gppvvs.ac.in Ph: 9611032604

Date: 05-10-22

Academic Year: 2022-23

To,
Head,
Department of Mathematics

Sub: Permission to Conduct Certificate Course.

Sir/Madam,

With reference to subject cited above I herewith permit you to conduct
Certificate Course for B.Sc. I semester students.

Thanking you,

Place: Sindgi

Date: 05-10-22

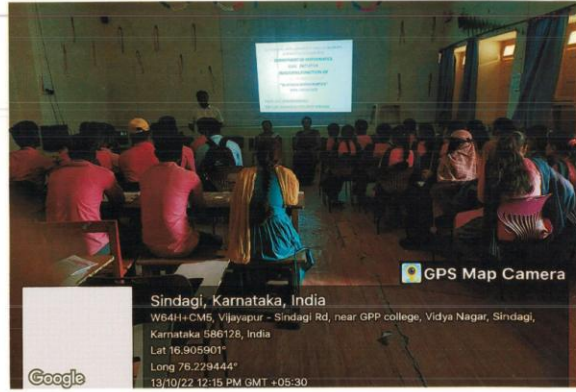

Head
Dept. of Mathematics
G.P. Porwal Arts, Comm & V.V. Salimath Sc. College,
SINDGI-586128.

Coordinator, IQAC
Coordinator IQAC
G. P. Porwal Arts, Comm &
V. V. Salimath Sc. College
SINDGI-586128. College Code: 5234


Principal,
G. P. Porwal Arts, Comm &
V. V. Salimath Sc. College
SINDGI-586128. College Code: 5234

Inaugural Function

2.2 - 2.3



Google
G. P. Porwal Arts, Comm & V. V. Salimath
Science College, SINDGI-586128. Dt:Vijayapur

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Science College, SINDGI-586128. Dt:Vijayapur

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S.P.V.V.S.S.

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NOTICE

It is hereby informed to all the students of B.Sc 1st semester that Certificate course on “**Business Mathematics**” will be started in our college. Hence interested students may apply on or before 06-10-2022

Contact:

Prof.R.M.Honamore.
Prof.P.M.Bammanni


H.O.D
Dept. of Mathematics
G.P.P. Arts, Commerce & V.V. Salimath
College, SINDGI - 586 128


Coordinator IQAC

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Principal,
G. P. Porwal Arts, Comm &
V. V. Salimath Sc. College
SINDGI - 586128. College Code: 5234



ADD ON CERTIFICATE COURSE IN MATHEMATICS

Certificate Course on Business Mathematics

G.P.Porwal Arts, Commerce and V.V.Salimath Science college is the first Science college in sindagi Taluk of Vijayapur district which provides education in Science stream at U.G. level to educationally, Economically, Socially backward students of this taluk. Since 1985 many students graduated with B.Sc. in Botany, Zoology, Chemistry, Mathematics, Physics and Computer Science.

IQAC of G.P.Porwal Arts, Commerce and V.V.Salimath Science college in its meeting decided to introduce few self finance pilot add-on courses for next three academic sessions from session 2022-23. The continuation of these courses after three year will be depend on interest and participation of students, course outcomes and financial provisions from the Institution.

Objectives of the Course:-

- To develop basic understanding regarding Business Mathematics in the students.
- To introduce Mathematics how to apply in Business.
- To enhance their skills about mathematics.

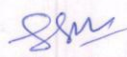
Instructional Design:-

This course is of three month duration which includes theory classes.

Course Structure and Examination Scheme:-

Course No	Course Name	Theory Classes	Theory Marks	Total Marks
01	Business Mathematics	40hrs	40	40

Eligibility: All students belongs to First Semester are eligible to enroll for course.


Coordinator IQAC
G. P. Porwal Arts, Comm &
V. V. Salimath Sc. College
SINDGI-586128. College Code: 5234


Head
Dept. of Mathematics
G.P.P. Arts, Commerce & V.V.S. Salimath
College, SINDGI-586128.


Principal,
G. P. Porwal Arts, Comm &
V. V. Salimath Sc. College

S.P.V.V.S.S.
G.P.PORWAL ARTS, COMMERCE AND V.V.SALIMATH SCIENCE
COLLEGE SINDGI – 586 128

To

Prof.M.L.Paramanand

Department of Mathematics

C.M.Manguli College

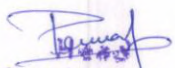
Sindagi

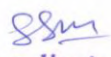
Dear Sir,

Sub : Regarding Appoinment as BOS member

With reference to the above cited subject, feel happy to inform that you have been appointed as BOS Member for Certificate Course introduced by Depatment of Mathematics topic " BUSSINESS Mathematics" from the academic year 2022-2023.kindly accept the same and do the needfull .

Thanking You


Dept. of Mathematics
G.P.P. Arts, Commerce & V.V. Science
College, SINDGI-586128.

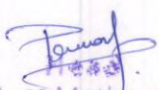

Co-ordinator IQAC
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Science College, SINDGI-586128. Dt: Vijayapur


Principal,
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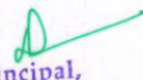
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G.P.PORWAL ARTS, COMMERCE AND V.V.SALIMATH SCIENCE
COLLEGE SINDGI – 586 128

MEMBERS OF BOARD OF STUDIES

Ser.No	List of BOS Member
1.	Principal D.M.Patil
2	Prof P.M.Bammanni
3	Prof.R.M.Honmore
4	Prof.M.S.Bommanni
5	Prof.M.L.Paramanand Assi Prof C.M.Manguli College Sindagi


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V. V. Salimath Sc. College,
SINDGI-586128. College Code: 5234



SPVVS'S

G.P.PORWAL ARTS, COMMERCE AND V.V.SALIMATH

SCIENCE COLLEGE, SINDGI-586128 DIST: Vijaypur

Affiliated to Rani Channamma University- Belagavi (Karnataka State)

e-mail:gppprincipal@gmail.com Web:www.gppcollegesindgi.org Ph:08488-221244

Department of Mathematics

Syllabus for Business Mathematics

40 hours

Chapters.

1. Percentage
2. Average
3. Ratio & Proportion
4. Partnership
5. Profit & Loss
6. Time & Work
7. Problems on Numbers
8. Problems on Ages
9. Simple Interest
10. Clock
11. Data Analysis

Head

Dept. of Mathematics
G.P. Porwal Arts, Comm & V.V. Salimath
College, SINDGI-586128

Coordinator IQAC
G. P. Porwal Arts, Comm &
V. V. Salimath Sc. College
SINDGI-586128. College Code: 5334

Principal,
G. P. Porwal Arts, Comm &
V. V. Salimath Sc. College

**G.P.PORWAL ARTS, COMMERCE, AND V.V.SALIMATH SCIENCE
COLLEGE, SINDAGI-586128**



DEPARTMENT OF MATHEMATICS

Certificate Course Application Form

1. Name of the Course : Business Mathematics
2. Year of the Course : 2022-2023
3. Class : B.Sc I semester



General Information of the Candidate

Name of the Student: **vidyashree m Jogur**

Sex: **female**

Date of Birth: **15/07/2004**

Caste: **Hindu Lingayata**

Annual Income: **15000/-**

Permanent Address: **Ambedkar circle near tandra roda Bhagata
Singh circle Devar hippargi.
Dist: vijayapur to: sindagi**

Declaration

I hereby certify that above information furnished by me is true to the best of my knowledge and belief. I shall regularly attend all theory and practical classes in the college, in case shortage of attendance I may not be permitted to appear for the examination. Further I declare that I shall abide by the rules and regulation of the college and adhere to the discipline.

Signature of the Candidate

Dept. of Mathematics
G.P.P. Arts, Comm & V.V. Salimath
College, SINDAGI-586128.

Coordinator IQAC

G. P. Porwal Arts, Comm &
V. V. Salimath Sc. College
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COLLEGE, SINDAGI-586128**



DEPARTMENT OF MATHEMATICS

Certificate Course Application Form

1. Name of the Course : Business Mathematics
2. Year of the Course : 2022-2023
3. Class : B.Sc I semester



General Information of the Candidate

Name of the Student: *Shivanand. J. Guggari*

Sex: *Male*

Date of Birth: *15-6-2003*

Caste: *2A, category - 2A (IA)*

Annual Income: *15,000*

Permanent Address: *A/P. Bommanahalli, Tq - Sindagi, Dis - Vijayapur
586128*

Declaration

I hereby certify that above information furnished by me is true to the best of my knowledge and belief. I shall regularly attend all theory and practical classes in the college, in case shortage of attendance I may not be permitted to appear for the examination. Further I declare that I shall abide by the rules and regulation of the college and adhere to the discipline.

[Signature]
Dent. of Mathematics
G. P. Porwal Arts, Comm & V. V. Salimath Sc. College
Sindagi-586128.

[Signature]
Signature of the Candidate

[Signature]
Coordinator IOAC
G. P. Porwal Arts, Comm &
V. V. Salimath Sc. College
SINDGI-586128. College Code: 5234

[Signature]
Principal,
G. P. Porwal Arts, Comm &
V. V. Salimath Sc. College
SINDGI-586128. College Code: 5234

Department of Mathematics
Certificate course : Business Mathematics

Sl. No.	StudentName	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20
1	PAVITRA RATHOD	OK	OK	OK	OK	OK	OK	A	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
2	ASHWINI NANDAGERI	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
3	RAMADEVI MANOOR	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
4	CHAITRA	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
5	PALLAVI JANGANI	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
6	SAHANA BADIGER	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
7	MEGHA DODENAVAR	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
8	AMULKUMAR HUGAR	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
9	PRASAD KOTRAGASTI	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
10	ANISA	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
11	PAVITRA ANGADI	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
12	SALEEM	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
13	SOMAYYA GANGANAHALLI	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
14	SUSMITA	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
15	KAVERI BIRADAR	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
16	ASLAM KORABU	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
17	KALYANKUMAR SHIRUR	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
18	PARAMESHWAR	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
19	SUDARSHAN PUJARI	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
20	KARENNNA	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
21	VIDYASHREE JOGUR	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
22	SATISH	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
23	MOUNESH BADIGER	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
24	BASAVARAJ SWAMI	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
25	KAVERI ANGADI	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
26	KEDARALINGAYYA MATHAPATI	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
27	UDAYAKUMAR PUJARI	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
28	BHAGYASHREE HALLI	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
29	SHANTAPPA GOUNDA PATIL	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
30	TASMIYA ATTAR	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
31	VITTHAL MANUR	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
32	SHWETA BIRADAR	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
33	AKSHAY S MASALI	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
34	DIVYA KOTTALAGI	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
35	KAVERI DODAMANI	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK

Sl. No.	StudentName	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20
36	LALEMASHAK MUJAWAR	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
37	BASAMMA	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
38	SHIVANANDA GIGGARI	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
39	PAVITRA CHATTARAKI	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
40	SOUIMYA HITNALLI	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
41	REKHA	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
42	ANNAPURNA SAIBANNI	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
43	AKSHATA ANDELI	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
44	SUDARSHAN PUJARI	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
45	ANAND NANDIKOL	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK

17/10 18/10 19/10 20/10 21/10 22/10 23/10 24/10 25/10 26/10 27/10 28/10 29/10 30/10 31/10 1/11 2/11 3/11 4/11 5/11 6/11 7/11 8/11 9/11 10/11 11/11 12/11

Dept. of Mathematics
G.P. Porwal Arts, Comm & V.V. Salimath
College, SINDAGI - 586128.

Co-ordinator IQAC
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Science College, SINDAGI-586128. Dt: Vijayapur

Principal,
G. P. Porwal Arts, Comm. &
V. V. Salimath Sc. College,
SINDAGI-586128. College Code: 5234

G.P. PORWAL ARTS, COMMERCE & V.V. SALIMATH SCIENCE COLLEGE, SINDAGI

Department of Mathematics

Certificate course : Business Mathematics

Sl. No.	StudentName	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
1	PAVITRA RATHOD																				
2	ASHWINI NANDAGERI																				
3	RAMADEVI MANOOR																				
4	CHAITRA																				
5	PALLAVI JANGANI																				
6	SAHANA BADIGER																				
7	MEGHA DODENAVAR																				
8	AMULKUMAR HUGAR																				
9	PRASAD KOTRAGASTI																				
10	ANISA																				
11	PAVITRA ANGADI																				
12	SALEEM																				
13	SOMAYYA GANGANAHALLI																				
14	SUSMITA																				
15	KAVERI BIRADAR																				
16	ASLAM KORABU																				
17	KALYANKUMAR SHIRUR																				
18	PARAMESHWAR																				
19	SUDARSHAN PUJARI																				
20	KARENNA																				
21	VIDYASHREE JOGUR																				
22	SATISH																				
23	MOUNESH BADIGER																				
24	BASAVARAJ SWAMI																				
25	KAVERI ANGADI																				
26	KEDARALINGAYYA MATHAPATI																				
27	UDAYAKUMAR PUJARI																				
28	BHAGYASHREE HALLI																				
29	SHANTAPPAGOUA PATIL																				
30	TASMIYA ATTAR																				
31	VITTHAL MANUR																				
32	SHWETA BIRADAR																				

Sl. No.	StudentName	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
33	AKSHAY S MASALI																				
34	DIVYA KOTTALAGI																				
35	KAVERI DODAMANI																				
36	LALEMASHAK MUJAWAR																				
37	BASAMMA																				
38	SHIVANANDA GIGGARI																				
39	PAVITRA CHATTARAKI																				
40	SOUMYA HITNALLI																				
41	REKHA																				
42	ANNAPURNA SAIBANNI																				
43	AKSHATA ANDELI																				
44	SUDARSHAN PUJARI																				
45	ANAND NANDIKOL																				

Head
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Science College, SINDAGI-586128.

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SINDGI-586128 DIST: VIJAYAPUR

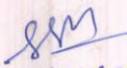
DEPARTEMENT OF MATHEMATICS

: Certificate Course :

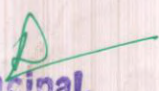
(Only for B.Sc First semester)

TIME TABLE

Date	TIME	Name of the faculty
15-10-2022 to 15-01-2023	4 PM to 5 PM	Prof. Ranjana Honamore Prof.P.M.Bammanni


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SINDGI – 586 128

DEPARTMENT OF MATHEMATICS

CERTIFICATE COURSE 2022-23

BUSINESS MATHEMATICS

S.NO	NAME OF THE STUDENT	CLASS	SIGN
1.	PAVITRA RATHOD	B.Sc I sem	<i>Pavitra</i>
2.	ASHWINI NANDAGERI	B.Sc I sem	<i>AD</i>
3.	RAMADEVI MANOOR	B.Sc I sem	<i>Ram</i>
4.	CHAITRA	B.Sc I sem	<i>Chaitra</i>
5.	PALLAVI JANGANI	B.Sc I sem	<i>Pallavi</i>
6.	SAHANA BADIGER	B.Sc I sem	<i>Sahana</i>
7.	MEGHA DODENAVAR	B.Sc I sem	<i>Megha</i>
8.	AMULKUMAR HUGAR	B.Sc I sem	<i>Amul</i>
9.	PRASAD KOTRAGASTI	B.Sc I sem	<i>Prasada</i>
10.	ANISA	B.Sc I sem	<i>Anisa</i>
11.	PAVITRA ANGADI	B.Sc I sem	<i>Pavitra</i>
12.	SALEEM	B.Sc I sem	<i>Saleem</i>
13.	SOMAYYA GANGANAHALLI	B.Sc I sem	<i>Somayya</i>
14.	SUSMITA	B.Sc I sem	<i>Susmita</i>
15.	KAVERI BIRADAR	B.Sc I sem	<i>Kaveri</i>
16.	ASLAM KORABU	B.Sc I sem	<i>Aslam</i>
17.	KALYANKUMAR SHIRUR	B.Sc I sem	<i>Kalyan</i>
18.	PARAMESHWAR	B.Sc I sem	<i>Parama</i>
19.	SUDARSHAN PUJARI	B.Sc I sem	<i>Sudarshan</i>
20.	KARENNA	B.Sc I sem	<i>Karenna</i>
21.	VIDYASHREE JOGUR	B.Sc I sem	<i>Vidya</i>
22.	SATISH	B.Sc I sem	<i>Satish</i>
23.	MOUNESH BADIGER	B.Sc I sem	<i>Mounesh</i>
24.	BASAVARAJ SWAMI	B.Sc I sem	<i>Basava</i>
25.	KAVERI ANGADI	B.Sc I sem	<i>Kaveri</i>
26.	KEDARALINGAYYA MATHAPATI	B.Sc I sem	<i>Kedar</i>

27	UDAYAKUMAR PUJARI	B.Sc I sem	<i>U.S.P.</i>
28	BHAGYASHREE HALLI	B.Sc I sem	<i>B.H.</i>
29	SHANTAPPAGOUDA PATIL	B.Sc I sem	<i>S.P.</i>
30	TASMIYA ATTAR	B.Sc I sem	<i>T.A.</i>
31	VITTHAL MANUR	B.Sc I sem	<i>V.M.</i>
32	SHWETA BIRADAR	B.Sc I sem	<i>S.B.</i>
33	AKSHAY S MASALI	B.Sc I sem	<i>A.S.</i>
34	DIVYA KOTTALAGI	B.Sc I sem	<i>D.K.</i>
35	KAVERI DODAMANI	B.Sc I sem	<i>K.D.</i>
36	LALEMASHAK MUJAWAR	B.Sc I sem	<i>L.M.</i>
37	BASAMMA	B.Sc I sem	<i>B.S.</i>
38	SHIVANANDA GIGGARI	B.Sc I sem	<i>S.G.</i>
39	PAVITRA CHATTARAKI	B.Sc I sem	<i>P.C.</i>
40	SOUMYA HITNALLI	B.Sc I sem	<i>S.H.</i>
41	REKHA	B.Sc I sem	<i>R.</i>
42	ANNAPURNA SAIBANNI	B.Sc I sem	<i>A.S.</i>
43	AKSHATA ANDELI	B.Sc I sem	<i>A.A.</i>
44	SUDARSHAN PUJARI	B.Sc I sem	<i>S.P.</i>
45	ANAND NANDIKOL	B.Sc I sem	<i>A.N.</i>

[Signature]
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 College, SINDGI-586128

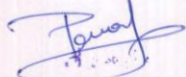
[Signature]
 Co-ordinator IQAC
 G. P. Porwal Arts, Comm & V. V. Salimath
 Science College, SINDGI-586128. Dt: Vijayapur

[Signature]
 Principal,
 G. P. Porwal Arts, Comm. &
 V. V. Salimath Sc. College,
 SINDGI-586128. College Code: 586128

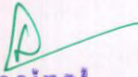
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G.P.PORWAL ARTS, COMMERCE AND V.V.SALIMATH SCIENCE COLLEGE
SINDGI – 586 128
Dist: Vijayapur) Affiliated to Rani Channamma University-Belagavi (Karnataka State
Accredited at B (2.42 CGPA) by NAAC

NOTICE
EXAM FOR CERTIFICATE COURSE

It is hereby informed to all the students of B.Sc 1st semester that Certificate course on “**Business Mathematics**” Exam will be conducted on 23-01-2023 at 1pm to 2.30 pm


Dept. of Mathematics
G.P.A. to Commerce & V.V. Science
College, SINDGI-586128.
H.O.D


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SINDGI-586128 DIST: Bijapur

Affiliated to Rani Channamma University- Belagavi (Karnataka State)

e-mail:gppprincipal@gmail.com Web:www.gppcollegesindgi.org Ph:08488-221244

Certificate Course-2022-23

"Business Mathematics"

(Only for First semester)

Time : 1:30 Min

Question Paper 2022-23

Max Marks : 40

2*10=20

Q : 1 Answer any ten of the following questions.

1. What Percentage is 150 of 210
2. Find the Average of first five multiple of 8.
3. Find the forth proportional to 4,16& 24.
4. Convert 75Km/hr into meters/sec.
5. Odd man out in the series 1,4,9,16,23,25,36
6. Find the Wroung number in the series 1,1,2,6,24,96,720
7. The value of $(1225)^2 - (1925)^2 = \text{-----}$
8. Find three numbers in the ratio 2:3:5.The sum of whose squares is 608.
9. Odd man out in the series 1,4,9,16,23,25,36
10. A & B together can dig a trench in 12 days. Which A alone can dig in 30 days. In how many days B alone can dig it.
11. Walking $\frac{3}{4}$ of his usual speed, a peon is 10 min late to his office. Find his usual time to cover the distance.
12. Find if S.I on Rs 3125 at 10% per annum for 85 days.

Q: 2 Answer any four of the following questions.

4*5=20

- 13) 2 chairs & 1 table cost Rs 840,while 1 chair & 2 tables cost Rs 1540.Find the cost of each.
- 14) Find compound interest on Rs 2000 at 9% per annum for 2 year , compound annually.
- 15) Ten year ago 'A' was half of B in age. If the ratio of their present age is 3:4 What will be the total of their present age?
- 16) $\frac{1}{5}$ th of nikil's money is equal to $\frac{1}{6}$ th of yogesh's money. If both together have Rs 1000. The difference between their amount is ?
- 17)if a sum doubles itself in 25 years at simple interest,what must be rate present per annum?

P. S. S.
Head

Dept. of Mathematics
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College, SINDGI-586128.

S.S.M.
Coordinator IQAC
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SINDGI-586128. College Code: 5234

A
Principal,
G. P. Porwal Arts, Comm &
V. V. Salimath Sc. College



22-23

32/40

STUDENT'S NAME: Ket Pavlavi
CLASS: B.Sc-I Sem
SUBJECT:
ROLL NO.:
DATE:

$$17 \quad \text{It is } \left(\frac{150 \times 100}{210} \right) \% = 71 \times \frac{3}{7} \%$$

$$27 \quad \text{Average} = \frac{8+16+24+32+40}{5}$$

$$= 8(1+2+3+4+5)$$

$$21 = 200 = 24$$

$$37 \quad \text{Let } 4:16 :: 24:x$$

$$\text{then, } 4 \times x = 16 \times 24$$

$$x = \frac{16 \times 24}{4}$$

$$= 96$$

$$47 \quad 75 \text{ km/hr} = \frac{75 \times 1000}{60 \times 60}$$

$$= 75 \times \frac{5}{18}$$

$$= 20.83 \text{ m/sec.}$$

57 Each of the given number except 23 is perfect Square.

STUDENT'S NAME :	
CLASS :	ROLL NO. :
SUBJECT :	DATE :

$$\frac{4}{3}x - x = 10 \text{ or } 4x - 3x = 30 \text{ or } x = 30$$

hence the usual time taken = 30 min.

$$127 \quad P = \text{Rs } 3125 \quad R = 10\% \quad T = \left(\frac{85}{365}\right) \text{ year}$$

$$(1 + \frac{R}{100})^T = (1 + \frac{10}{100})^{\frac{85}{365}} = \left(\frac{17}{17.3}\right) \text{ year}$$

$$S.T = \frac{P \times R \times T}{100}$$

$$(1 + \frac{R}{100})^T = 1 + \frac{S.T}{P} = 1 + \frac{3125 \times 10 \times \frac{85}{365}}{100} = 1.7207739$$

137 Let the Cost of 1 chair = Rs x
and the Cost of 1 table = Rs y

$$\text{then, } 2x + y = 840 \rightarrow (i)$$

$$x + 2y = 1540 \rightarrow (ii)$$

Solving (i) & (ii); we get

$$x = 46.66 \text{ and } y = 746.67$$

$\therefore$ Cost of 1 chair = Rs. 46.66

and Cost of 1 table = Rs. 746.67

149 Rate = 9% per annum
Time = 2 year

$$\text{Amount after 2 years} = \text{Rs } \left[2000 \times \left(1 + \frac{9}{100}\right)^2 \right]$$

$$= \text{Rs } \left[2000 \times \frac{109}{100} \times \frac{109}{100} \right]$$



34/40

22-23

STUDENT'S NAME: Shivanada. G

CLASS: B.Sc-Ist sem.

ROLL NO.:

SUBJECT:

DATE:

1) It is $\left(\frac{150}{210} \times 100\right)\% = 71 \frac{3}{7}\%$

2) Average = $\frac{8+16+24+32+40}{5} = 8(1+2+3+4+5)$

3) Let $4:16::24:x$
Then $4 \times x = 16 \times 24$
or $x = \frac{16 \times 24}{4} = 96$

4) $75 \text{ km/hr} = \frac{75 \times 1000}{60 \times 60} = \frac{75 \times 5}{18} = \frac{375}{18} = \frac{125}{6} = 20.83$

5) Each of the given numbers except 23 is perfect square

STUDENT'S NAME:

CLASS:

ROLL NO.:

SUBJECT:

DATE:

15} Let A's age 10 years ago = x yearsThen B's age 10 years ago = $2x$ years

$$\frac{x+10}{2x+10} = \frac{3}{4} \Rightarrow 4(x+10) = 3(2x+10)$$

$$4x + 40 = 6x + 30$$

$$\begin{aligned} \text{Total of their present ages} &= (x+10+2x+10) \\ &= (3x+20) \\ &= 35 \text{ years.} \end{aligned}$$

16}

17} Let sum = Rs. x then amount = Rs. $2x$

$$\therefore \text{SI} = \text{Rs. } (2x - x) = \text{Rs. } x$$

$$\therefore \text{Rate} = \left(\frac{100 \times x}{x \times 25} \right) \%$$

$$\text{Rate} = 4\%$$

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Principal,

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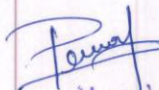
DEPARTMENT OF MATHEMATICS

CERTIFICATE COURSE 2022-23

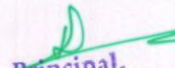
BUSINESS MATHEMATICS

S.NO	NAME OF THE STUDENT	MARKS	REMARK
1.	PAVITRA RATHOD	30	PASS
2.	ASHWINI NANDAGERI	32	PASS
3.	RAMADEVI MANOOR	33	PASS
4.	CHAITRA	30	PASS
5.	PALLAVI JANGANI	32	PASS
6.	SAHANA BADIGER	30	PASS
7.	MEGHA DODENAVAR	28	PASS
8.	AMULKUMAR HUGAR	24	PASS
9.	PRASAD KOTRAGASTI	30	PASS
10	ANISA	34	PASS
11	PAVITRA ANGADI	30	PASS
12	SALEEM	29	PASS
13	SOMAYYA GANGANAHALLI	31	PASS
14	SUSMITA	34	PASS
15	KAVERI BIRADAR	32	PASS
16	ASLAM KORABU	30	PASS
17	KALYANKUMAR SHIRUR	34	PASS
18	PARAMESHWAR	30	PASS
19	SUDARSHAN PUJARI	32	PASS
20	KARENNA	30	PASS
21	VIDYASHREE JOGUR	38	PASS
22	SATISH	35	PASS
23	MOUNESH BADIGER	30	PASS
24	BASAVARAJ SWAMI	39	PASS
25	KAVERI ANGADI	28	PASS
26	KEDARALINGAYYA MATHAPATI	29	PASS
27	UDAYAKUMAR PUJARI	30	PASS

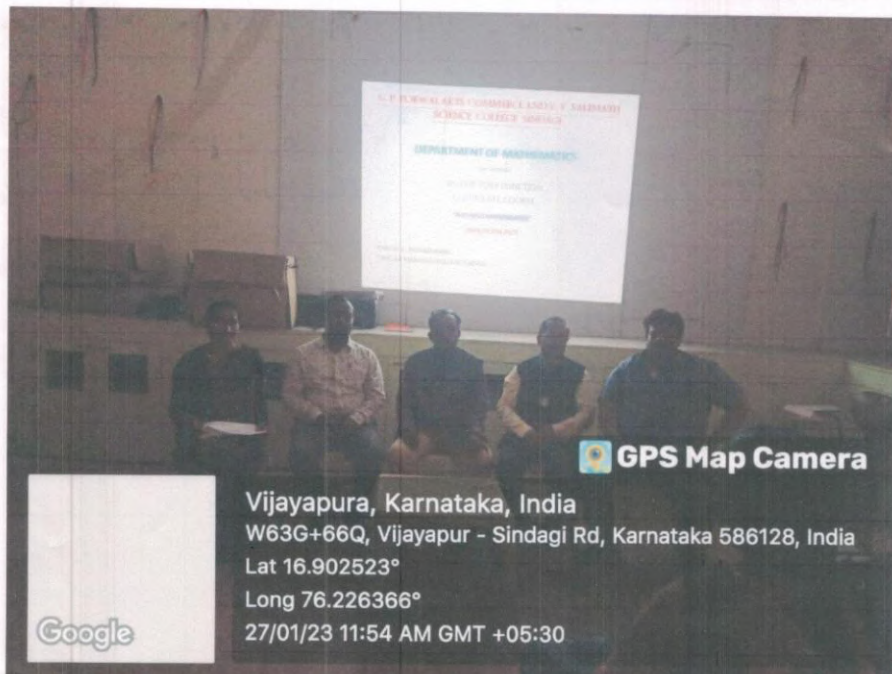
28	BHAGYASHREE HALLI	30	PASS
29	SHANTAPPAGOUDA PATIL	32	PASS
30	TASMIYA ATTAR	33	PASS
31	VITTHAL MANUR	34	PASS
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33	AKSHAY S MASALI	30	PASS
34	DIVYA KOTTALAGI	32	PASS
35	KAVERI DODAMANI	32	PASS
36	LALEMASHAK MUJAWAR	30	PASS
37	BASAMMA	30	PASS
38	SHIVANANDA GIGGARI	34	PASS
39	PAVITRA CHATTARAKI	28	PASS
40	SOUMYA HITNALLI	29	PASS
41	REKHA	30	PASS
42	ANNAPURNA SAIBANNI	28	PASS
43	AKSHATA ANDELI	28	PASS
44	SUDARSHAN PUJARI	28	PASS
45	ANAND NANDIKOL	28	PASS


 Head
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 Science College, SINDGI-586128. Dt: Vijayapur


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Certificate Course Valedictory Function



[Signature]

[Signature]
Coordinator IQAC

[Signature]
Principal,



SPVVSS

**G. P. Porwal Arts, Commerce & V. V. Salimath Science
College, SINDGI- 586 128**

Dist: Vijayapur

State: Karnataka

(Accredited with 'B' Grade by NAAC)

(Affiliated to Rani Channamma University, Belagavi)



IQAC Initiative

DEPARTMENT OF MATHEMATICS

CERTIFICATE

This is to certify that Kumar/ Kumari.....
of B.Sc. I Sem has successfully completed Certificate Course on "BUSINESS
MATHEMATICS " during the year 2022-23


HOD
Dept. of Mathematics
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