



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



**BROCHURE**



# DEPARTMENT OF MATHEMATICS

**CERTIFICATE COURSE**  
**2019-20**

**TITLE**  
**BUSINESS MATHEMATICS**

*[Signature]*  
**Head**  
 Dept. of Mathematics  
 G.P. Porwal Arts, Commerce & V.V. Salimath  
 Science College, SINDGI - 586128

*[Signature]*  
**Coordinator IQAC**  
 G.P. Porwal Arts, Commerce & V.V. Salimath  
 Science College, SINDGI - 586128

*[Signature]*  
**Principal,**  
 G. P. Porwal Arts, Commerce & V. V. Salimath  
 Science 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) 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: 25-06-2019

Academic Year: 2019-20

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: 25-06-2019

Coordinator, IQAC

*lru*  
Coordinator IQAC

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

*R*  
Head  
Dept. of Mathematics

*lru*  
Principal,  
G. P. Porwal Arts, Comm &  
V. V. Salimath Sc. College  
SINDGI-586128. College Code: 5



## 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 2019-2020. 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:-

- d) To develop basic understanding regarding **Business Mathematics** in the students.
- e) To introduce Mathematics how to apply in Business.
- f) 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	40 hrs	40	40

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

*Signature*  
**Coordinator IQAC**

G. P. Porwal Arts, Comm &  
V. V. Salimath Sc. College  
SINDGI-586128. College Code: 5224

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

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

**S.P.V.V.S.S.**  
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**DEPARTMENT OF MATHEMATICS**

**Certificate Course Application Form**

1. Name of the Course : Business Mathematics
2. Year of the Course : 2019-2020
3. Class : B.Sc I semester

**General Information of the Candidate**

Name of the Student: *Naveenkumar Sindagi*

Sex: *male*

Date of Birth:

Caste: *3A*

Permanent Address:

**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.

*mi*  
**Coordinator IQAC**  
G. P. Porwal Arts, Comm &  
V. V. Salimath Sc. College  
SINDGI-586128. College Code: 5236

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

Signature of the Candidate

*P*  
**Principal,**  
G.P.Porwal Arts, Comm &

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

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

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**DEPARTMENT OF MATHEMATICS**

**Certificate Course Application Form**

1. Name of the Course : Business Mathematics
2. Year of the Course : 2019-2020
3. Class : B.Sc I semester

**General Information of the Candidate**

Name of the Student: *Santhosh Dedamani*

Sex: *Male*

Date of Birth:

Caste: *SC*

Permanent Address:

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

*[Signature]*  
**Head**  
**Dept. of Mathematics**  
G.P.P. Arts, Commerce & V.V.S. Science  
College, SINDGI-586128

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

S.P.V.V.S.S.  
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**DEPARTMENT OF MATHEMATICS**

**Certificate Course Application Form**


1. Name of the Course : Business Mathematics
2. Year of the Course : 2019-2020
3. Class : B.Sc I semester


**General Information of the Candidate**


Name of the Student: Venod. P  
Sex: Male  
Date of Birth:  
Caste: 2B  
Permanent Address:

**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.

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

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

  
**Principal,**  
G. P. Porwal Arts, Comm &  
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.**

12. Percentage
13. Average
14. Ratio & Proportion
15. Partnership
16. Profit & Loss
17. Time & Work
18. Problems on Numbers
19. Problems on Ages
20. Simple Interest
21. Clock
22. Data Analysis

*luni*  
**Coordinator IQAC**

SINDGI-586128, College Code: 5234  
Arts, Comm &  
Sci. College

*Ps*  
**H**

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

*luni*  
**Principal,**

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SINDGI-586128. College Code: 5234

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

NOTICE

It is hereby informed to all the students of B.Sc 1<sup>st</sup> semester that  
Certificate course on “**Business Mathematics**” will be started in our college.  
Hence interested students may apply on or before 25-06--2019

Contact:

Prof. R.S.Bhooshetti

Prof.M.D.Patil

H.O.D

Date: 25-06-2019

Coordinator IQAC

G. P. Porwal Arts, Comm &  
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SINDGI-586128. College Code: 5234

Dept. of Mathematics

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



**SPVVS'S**

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

**SINDGI-586128 DIST: VIJAYAPUR**



**DEPARTEMENT OF MATHEMATICS**

**: Certificate Course :**

**(Only for B.Sc First semester)**

**TIME TABLE**

<b>Date</b>	<b>TIME</b>	<b>Name of the faculty</b>
<del>28-07</del> 2019 to <del>28-09</del> 2019	4 PM to 5 PM	Prof. R.S.Bhooshetti  Prof. <del>M</del> D.Patil

*luni*  
**Coordinator IOAC**  
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V. V. Salimath Sc. College  
SINDGI-586128. College Code: 5234

*Head*  
**Head**  
Dept. of Mathematics  
G.P.P. Arts, Commerce & V.V. Science

*luni*  
**Principal,**  
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Certificate Course-2019-2020

Enrolled list

“Business Mathematics”

Sl.No	Name of the students	Class	Sign
1	Anjali Aounti	B.Sc I sem	An
2	Asma Jiladi	B.Sc I sem	Am
3	Bangasamma	B.Sc I sem	Bann
4	Bhagyalaxmi M.	B.Sc I sem	Bhagna
5	Ambika M.	B.Sc I sem	Ambika
6	Bisadas Abhishek.	B.Sc I sem	Abhis
7	Bhuvaneshwari	B.Sc I sem	Bhuv
8	Haasha sanagond	B.Sc I sem	Haash
9	Narayan. Naik	B.Sc I sem	Narayan
10	Naveenkumar Sindagi	B.Sc I sem	Naveen
11	Ningayya	B.Sc I sem	Ningay
12	Peiyanka. Kuchabal	B.Sc I sem	Peiy
13	Rajashekarayyaswamy Hisemath	B.Sc I sem	Raj
14	Renuka	B.Sc I sem	Renu
15	Renuka.D.	B.Sc I sem	RenuD
16	Santosh Dodamani	B.Sc I sem	Santosh
17	Sheeti	B.Sc I sem	Sheet
18	Shruti Ganiga	B.Sc I sem	Shruti
19	Soundarya Desai	B.Sc I sem	Sound
20	Sunanda. G.	B.Sc I sem	Desai
21	Suresh Malagi	B.Sc I sem	Suresh
22	Taiyaba. Bankalagi	B.Sc I sem	Taiy
23	Vidyashee Hisemath	B.Sc I sem	Vidy
24	Vinod P.	B.Sc I sem	Vinod
25	Shidhas. B.	B.Sc I sem	Shid
26	Siddalinga. P.	B.Sc I sem	Sidd
27	Sagar	B.Sc I sem	Sagar
28	Sanganesh	B.Sc I sem	Sagan
29	Ummide Habiba	B.Sc I sem	Ummide
30	Ashwini C.H.	B.Sc I sem	Ashwini

Coordinator IQAC

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

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

Principal,  
G. P. Porwal Arts, Comm &  
V. V. Salimath Sc. College  
SINDGI-586128. College Code: 5

SUBJECT : Mathematics		Certificate Course										B.S.C. I SEMESTER																												
SL NO	StudentName	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36			
1	Anjali. Aounti	1	2	3	4	5	6	7	A	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	A	27	28	29	30	31	32	33	34	35	36	
2	Arma Jiradi	1	2	3	4	5	6	7	8	9	A	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
3	Bangasamma	1	2	3	4	5	6	7	A	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	A	27	28	29	30	31	32	33	34	35	36	
4	Bhagyalammi. n.	1	2	3	4	5	6	7	8	9	10	A	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	
5	Ambika. n.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	A	28	29	30	31	32	33	34	35	36	37	
6	Bisalak. Abhishek	1	2	3	4	5	6	7	8	A	9	10	11	12	13	14	A	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	
7	Bhuvaneshwari	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	A	26	27	28	29	30	31	32	33	34	35	36	37	
8	Harika. s.	1	2	3	4	5	6	7	8	9	10	A	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	
9	Narayan. n.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	
10	Naveenkumar. S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	
11	Ningayya	1	2	3	4	5	6	7	8	9	10	A	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	
12	Priyanka. K.	1	2	3	4	5	6	7	8	9	10	11	A	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	
13	R. Hiramath	1	2	3	4	5	A	6	7	8	9	10	11	12	13	14	A	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	
14	Renuka	1	2	3	4	5	6	7	8	9	10	11	12	A	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	
15	Renuka. D.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	
16	Santosh. D.	1	2	3	4	5	6	7	8	9	A	11	12	13	14	15	16	17	18	19	20	21	22	23	24	A	26	27	28	29	30	31	32	33	34	35	36	37	38	
17	Sheeti.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	
18	Sheeti. e.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	A	17	18	19	20	21	22	23	24	25	26	27	28	29	30	A	32	33	34	35	36	37	38	
19	Soundarya. D.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	
20	Sunanda. e.	1	2	3	4	5	6	7	A	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	A	28	29	30	31	32	33	34	35	36	37	38	

Sl NO	StudentName	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38		
21	Suresh. N.	A	1	2	3	4	5	6	7	8	9	10	11	12	13	A	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36		
22	Taiyaba. B.	1	2	3	4	A	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37		
23	Yidyahei Hamed	1	2	3	4	5	6	7	8	9	A	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37		
24	Vinod.P	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	A	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37		
25	Sheikha.B.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	A	24	25	26	27	28	29	30	31	32	33	34	35	36	37		
26	Siddalinga P.	1	2	3	4	5	6	7	8	9	10	11	12	13	A	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37		
27	Sagar	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	A	31	32	33	34	35	36	37		
28	Sanganush	1	2	3	4	5	6	7	8	A	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	A	24	25	26	27	28	29	30	31	32	33	34	35	36		
29	Umme Habiba	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	A	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37		
30	Ashwini.C.H.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	A	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37		
31													A																												
32																							A																		

*emi*  
**Coordinator IQAC**  
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*Porwal*  
**Head**  
 Dept. of Mathematics  
 G. P. Porwal Arts, Comm &  
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 SINDGI-586128. College Code: 5234

*Principal*  
**Principal,**  
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**SINDGI – 586 128**  
Dist: Vijayapur) Affiliated to Rani Channamma University-Belagavi (Karnataka State  
Accredited at B (2.42 CGPA) by NAAC

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**NOTICE**  
**EXAM FOR CERTIFICATE COURSE**

It is hereby informed to all the students of B.Sc 1<sup>st</sup> semester that Certificate course on “**Business Mathematics**” Exam will be conducted on 3-01-2020 at 1pm to 2.30 pm

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

*P. S. S.*  
H.O.D.  
Dept. of Mathematics  
G.P.P. Arts, Commerce & V.V.S. Science  
College, SINDAGI-586128.

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**SPVVS'S**  
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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-2019-20**  
**"Business Mathematics"**

(Only for First semester)

Time : 1:30 Min

Question Paper 2019-20

Max Marks : 40

**Q : 1 Answer any ten of the following questions.**

**2\*10=20**

1. What Percentage is 120 of 90
2. Find the Average of first five multiple of 3.
3. Find the forth proportional to 4,5& 12.
4. Convert 45Km/hr into meters/sec.
5. Odd man out in the series 1,4,9,16,23,25,36
6. Find the Wrong number in the series 1,1,2,6,24,96,720
7. The value of  $(1502)^2 - (1498)^2 = \text{-----}$
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 15% per annum for 73 days.

**Q: 2 Answer any four of the following questions.**

**4\*5=20**

- 13) 2 chairs & 1 table cost Rs 640, while 1 chair & 2 tables cost Rs 740. Find the cost of each.
- 14) Find compound interest on Rs 5000 at 16% 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)  $\frac{1}{4}$ <sup>th</sup> of nikil's money is equal to  $\frac{1}{6}$ <sup>th</sup> of yogesh's money. If both together have Rs 600. The difference between their amount is ?
- 17) if a sum doubles itself in 10 years at simple interest, what must be rate present per annum?

*lmi*  
**Coordinator IQAC**

G. P. Porwal Arts, Comm &  
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*P*  
**Dept. of Mathematics**  
G.P.P.A.C. Commerce & V.V. Science

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

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STUDENT'S NAME Shrut  
CLASS \_\_\_\_\_ SUBJECT \_\_\_\_\_  
ROLL NO. \_\_\_\_\_ DATE \_\_\_\_\_



1] Percentage of 120 of 90  
$$\frac{120}{90} \times 100 = 133.3$$

Average multiple of 3  
$$\frac{3 * 6 * 9 * 12 * 15}{5} = 45$$

3] Fourth proportional to 4, 5 and 12  
$$4 : 5 :: 12 : x$$
$$4x = 5 * 12$$
$$x = \frac{5 * 12}{4} = 30$$

4]  $45 \text{ km/hr} = \frac{45 * 1000}{60 * 60}$   
$$= 12.5 \text{ m/s}$$

*luni*  
Coordinator IQAC

*P*  
Head

*luni*  
Principal

SPVVS'S

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

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Department of Mathematics

Certificate Course 2019-20

"Business Mathematics"

Statement Of Marks -2019-20

Sl.No	Name of the students	Class	Theory 40 M	Remark
1	Anjali Aounti	B.Sc I sem	38	Pass
2	Asma Jiradi	B.Sc I sem	37	Pass
3	Bangaramma	B.Sc I sem	31	Pass
4	Bhagyalaxmi M	B.Sc I sem	34	Pass
5	Ambika M	B.Sc I sem	36	Pass
6	Biradar Abhishek	B.Sc I sem	27	Pass
7	Bhuvaneshwari	B.Sc I sem	38	Pass
8	Harsha Sanagond	B.Sc I sem	32	Pass
9	Narayan Naik	B.Sc I sem	31	Pass
10	Naveenkumar Sindagi	B.Sc I sem	32	Pass
11	Ningayya	B.Sc I sem	33	Pass
12	Priyanka Kuchabal	B.Sc I sem	34	Pass
13	Rajashekarayyaswamy Hiremath	B.Sc I sem	35	Pass
14	Renuaka	B.Sc I sem	35	Pass
15	Renuaka Devanagoan	B.Sc I sem	37	Pass
16	Santosh Dodamani	B.Sc I sem	38	Pass
17	Shruti	B.Sc I sem	39	Pass
18	Shweta Ganiger	B.Sc I sem	21	Pass
19	Soundarya Desai	B.Sc I sem	30	Pass
20	Sunanda Gadad	B.Sc I sem	31	Pass
21	Suresh Malagi	B.Sc I sem	33	Pass
22	Taiyaba Bankalagi	B.Sc I sem	34	Pass
23	Vidyashri Hiremath	B.Sc I sem	35	Pass
24	Vinod P	B.Sc I sem	35	Pass
25	Shridhar Badiger	B.Sc I sem	37	Pass
26	Siddalinga Pujari	B.Sc I sem	38	Pass
27	Sagar	B.Sc I sem	39	Pass
28	Sangamesh	B.Sc I sem	32	Pass
29	Umme Habiba	B.Sc I sem	33	Pass
30	Ashwini C.H	B.Sc I sem	31	Pass

*Signature*  
Coordinator IQAC

G. P. Porwal Arts, Comm &  
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Dept. of Mathematics

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Principal,

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