



Vidya Bharati Shaikshanik Mandal, Amravati's

VIDYA BHARATI MAHAVIDYALAYA, AMRAVATI

**Affiliated to Sant Gadge Baba Amravati University,
Amravati, Maharashtra**

NAAC Re-accredited with Grade "A"(CGPA 3.26-Second Cycle)

CPE Status (Third Time) by UGC,

Mentor College under Paramarsh Scheme by UGC

'Lead College' by S.G.B. Amravati University, Amravati

ISO Certification: 9001:2015 and 14001:2015

Website: vbmv.org

Best Practice II

Innovative Curriculum Practices

Best Practice II: Innovative Curriculum Practices

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Best Practice II: Innovative Curriculum Practices

Vidya Bharati Mahavidyalaya is a very well known academic institution. Its vision and mission being the all round development of the students. The institution takes great effort in developing all round personality of the students. An initiative was taken by all the departments to put in tremendous efforts to update and create a curriculum that will benefit the students in whatever field they would choose to enter within the country and even abroad. However the institution is sought to provide the opportunity to all the students to inculcate extra inputs by way of additional courses within the domain of their choice of papers or from any stream according to their interest. This implied that there were subject oriented courses or even skill development courses for all students to choose from. It was in this context, through intensive dialogue between Faculty, IQAC, Administration and the Management; it was decided to offer the students the option of pursuing Add on/ Certificate Courses that were designed specially to fit into each semester.

Innovative Curriculum

The present education system does not assure the job opportunities as the university curricula do not meet the market requirement and bring global competence among the learners. In order to enhance the capability of the students and hone their skills as per the requirement of the industry and market, the institution has identified a few departments in each academic year and introduced the certificate courses to enrich the present curriculum of the relevant subject. The course like Soil conversation and water management is the dire need of the hour and essential to let it know to the budding generation of the nation. Besides, the

subject like Mathematics is also having day today and practical relevance, so the course like Vedic Mathematics and many more like this have been introduced by the college from this academic year.

But, in the contemporary context, it is equally important for colleges to supplement the curriculum and equip the students to better meet the required levels of performance in the industry. No doubt, such supplementation might also develop their interests and aptitudes. The purpose of the Value Added Courses is to make the students industry-ready. Providing the finishing touches to the knowledge the students gain in their degree program. Value Added Courses/ Certificate Courses polish the skills and enhance the employability opportunities.

For the documentation, we have given here the two samples of Certificate Courses run by the institution: **Soil Conservation and Water Management** and **Vedic Mathematics**.

Approval Letter
of
The Courses
from
The Education Society VBSM

विद्या भारती शैक्षणिक मंडळ

र. नं. (एस.आर.) महाराष्ट्र ३२३ पी.टी.एफ-४४६

सी. के. नायडू रोड, कॅम्प, अमरावती ४४४ ६०२

- संचालित संस्था -

- * विद्या भारती महाविद्यालय
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अमरावती. फोन. २६६२७४०
- * विद्या भारती औषधी
निर्माणशास्त्र पदविका व
पदवी महाविद्यालय, अमरावती.
फोन. २६६३८२९, २५५२०१२
- * विद्या भारती विज्ञान महाविद्यालय,
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- * संत मुक्ताबाई कला, वाणिज्य
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- * विद्या भारती माध्यमिक विद्यालय
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- * श्री शिवचंदजी लढा विद्यालय
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- * मातोश्री नधीयाबाई विद्यालय
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फोन २६५१०७
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- * प्रतिभा महिला वसतीगृह
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- * विद्या भारती औद्योगिक
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- * संत मुक्ताबाई माध्यमिक विद्यालय
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- * विद्या भारती मागास वर्ग वसतीगृह,
पत्रकार कॉलनी, अमरावती.
- * प्रतिभा महिला शिक्षणशास्त्र
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कॅम्प, अमरावती.

अध्यक्ष

श्री. राजेंद्रसिंह उर्फ रावसाहेब शेखावत
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डॉ. श्री. अशोक डी. चौहान
मो.नं. ९४२२१५६६८६, ८४५९६४३९५८

पत्र क्रमांक - व्ही.बी.एस.एम./^{201A}/2014

दिनांक : 28/05/2014

To
The Principal
Vidya Bharati Mahavidyalaya, Amravati

Subject: - **Permission to introduce Certificate Courses in the academic year 2014-15**

Dear Sir / Madam,

As per the above subject and reference letter we are pleased to grant you permission to conduct the short term certificate courses in the department identified from the academic year 2014-15 and onward. You may execute it for the benefit of the students at the earliest.

S.N.	Course to be introduced	Department
1	Communication Skills in English	English
2	Web Designing & Office Automation	Computer Science
3	Cosmetology	Cosmetic Technology
4	Vermi-culture	Zoology
5	Applied Psychology	Psychology
6	Applied Sociology	Sociology
7	Insurance	Commerce
8	Non-Conventional Energy Sources	Physics
9	Electronic Instrumentation	Electronics
10	study of power supply DC	Physics
11	study optical fiber and its applications	Physics
12	Basic of Chemistry Laboratory	Chemistry
13	Basic Study of optical Method in Chemistry	Chemistry
14	Yoga and Meditation	Chemistry
15	Psychological Counseling	Psychology
16	Certificate course in Green Practices	Botany
17	Certificate course in Environmental Awareness	Botany
18	Computer Application	BCA
	MS-Office 2013	BCA
19	Gender and Development	PWSC
20	Apiculture	Zoology
21	Management and Professional Skills	Commerce
22	Mathematics for Economics	Mathematics
23	Mathematics for Competitive Examination	Mathematics
24	Computer Fundamentals	Computer Science
25	C Programming	Computer Science
26	Hardware & Networking	Computer Science
27	Web Programming Language	Computer Science
28	RDBMS	MCA
29	Personality Development	English
30	Sports and Physical Fitness	Physical Education

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अमरावती. फोन. २६६२७४०
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पदवी महाविद्यालय, अमरावती.
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- * संत मुक्ताबाई कला, वाणिज्य
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- * श्री संत गाडगेबाबा विद्यालय
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प्रशिक्षण केंद्र, कॅम्प, अमरावती.
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श्री. राजेंद्रसिंह उर्फ रावसाहेब शेखावत
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मो.नं. ९४२२१५६६८६, ८४५९६४३९५८

पत्र क्रमांक - व्ही.बी.एस.एम. / /

दिनांक :

31	Physical Fitness through Aerobics	Physical Education
32	Tourism Product	History
33	Certificate Course in World Politics	Political Science
34	Certificate Course in Marathi Grammar	Marathi
35	Human Values and Professional Ethics	Economics
36	Study of Colour Cosmetic Powder	Cosmetic Technology
37	Study of Skin Care Therapy	Cosmetic Technology
38	Study of Powder	Cosmetic Technology
39	Study of Make-up Types & Techniques	Cosmetic Technology




Secretary
Vidyabharati Shaikshanik Mandal
Amravati.

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- * विद्या भारती माध्यमिक विद्यालय
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- * श्री शिवचंदजी लड्डा विद्यालय
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- * श्री संत गाडगेबाबा विद्यालय
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- * विद्या भारती हायस्कूल व
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- * मातोश्री नथीयाबाई विद्यालय
सुनगांव, जि. बुलढाणा
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- * प्रतिभा महिला वसतीगृह
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- * विद्या भारती औद्योगिक
प्रशिक्षण केंद्र, कॅम्प, अमरावती.
- * संत मुक्ताबाई माध्यमिक विद्यालय
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- * विद्या भारती मागास वर्ग वसतीगृह,
पत्रकार कॉलनी, अमरावती.
- * प्रतिभा महिला शिक्षणशास्त्र
महाविद्यालय,
कॅम्प, अमरावती.

अध्यक्ष

श्री. राजेंद्रसिंह उर्फ रावसाहेब शेखावत
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सचिव

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मो.नं. ९४२२१५६६८६, ८४५९६४३९५८

पत्र क्रमांक - व्ही.बी.एस.एम./^{45(A)} /2015

दिनांक : 03/06/2015

To
The Principal
Vidya Bharati Mahavidyalaya, Amravati

Subject: - **Permission to introduce Certificate Courses in the academic year 2015-16**

Dear Sir / Madam,

As per the above subject and reference letter we are pleased to grant you permission to conduct the short term certificate courses in the department identified from the academic year 2015-16 and onward. You may execute it for the benefit of the students at the earliest.

S.N.	Course to be introduced	Department
1	Study of Semiconductor Device	Physics
2	Study of Optical Properties of LASER	Physics
3	Basic of Clinical Chemistry	Chemistry
4	Analytical Study of Food and Cosmetic	Chemistry
5	Certificate course in Healthy Environment	Botany
6	Certificate courses in Environmental Ecology	Botany
7	Molecular Biology Techniques	Zoology
8	Gender and Development	PWSC
9	Banking and Finance	Commerce
10	Vedic Mathematics	Mathematics
11	Write Mathematics Right	Mathematics
12	MS-OFFICE	BCA
13	Object oriented Programming Structure with C++	BCA
14	Big Data	MCA
15	.Net	MCA
16	Content Marketing	MCM
17	Physical Fitness Through Yoga and Exercise	Physical Education
18	Performing Arts	Physical Education
19	Archeology	History
20	Certificate Course in India's Foreign Policy	Political Science
21	Communication Skills in Marathi	Marathi
22	Certificate Course in Soft Skills	English
23	Beauty Therapy & Techniques	Cosmetic Technology
24	Hair Care Techniques	Cosmetic Technology
25	Study of Accessories Used in Beauty Therapy (Hair)	Cosmetic Technology
26	Study of Colour Cosmetic Products	Cosmetic Technology




Secretary
Vidyabharati Shaikshanik Mandal
Amravati.

विद्या भारती शैक्षणिक मंडळ

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सी. के. नायडू रोड, कॅम्प, अमरावती ४४४ ६०२

- संचालित संस्था -

- * विद्या भारती महाविद्यालय
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- * विद्या भारती औषधी
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फोन. २६६३८२९, २५५२०१२
- * विद्या भारती विज्ञान महाविद्यालय,
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- * संत मुक्ताबाई कला, वाणिज्य
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- * विद्या भारती माध्यमिक विद्यालय
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- * श्री शिवचंद्रजी लड्डा विद्यालय
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- * श्री संत गाडगेबाबा विद्यालय
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- * विद्या भारती हायस्कूल व
कनिष्ठ महाविद्यालय, सेलु बाजार,
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- * विद्या भारती औद्योगिक
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- * प्रतिभा महिला शिक्षणशास्त्र
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डॉ. श्री. अशोक डी. चौहान
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पत्र क्रमांक - व्ही.बी.एस.एम./15(4)/2016

दिनांक : 16/05/2016

To
The Principal
Vidya Bharati Mahavidyalaya, Amravati

Subject: - **Permission to introduce Certificate Courses in the academic year 2016-17**

Dear Sir / Madam,

As per the above subject and reference letter we are pleased to grant you permission to conduct the short term certificate courses in the department identified from the academic year 2016-17 and onward. You may execute it for the benefit of the students at the earliest.

S.N.	Course to be introduced	Department
1	Study of Microprocessor 8085	Physics
2	Equipment Handling and Maintenance	Physics
3	Ethical Hacking	MCM
4	Chromatographic Separation Technique	Chemistry
5	Introduction of Forensic Science	Chemistry
6	Certificate Course in Environmental Management	Botany
7	Certificate Course in Environmental Problems and Remedies	Botany
8	Gender Equality and Sensitization	PWSC
9	Sericulture	Zoology
10	MS- Excel for Business Operations	Commerce
11	Foundation of Mathematics	Mathematics
12	Mathematical Software	Mathematics
13	.Net Technology	BCA
14	MS-Office	BCA
15	Animation & Multimedia	MCA
16	Sports Injury	Physical Education
17	Self Defence	Physical Education
18	Modern History of Amravati	History
19	Certificate Course in Political Process In India	Political
20	Theoretical Aspects of Marathi Drama	Marathi
21	Human Values and Professional Ethics	Economics
22	Study of Eye Make-Up Cosmetics	Cosmetic Technology
23	Study of Bath Preparations	Cosmetic Technology
24	Study of Skin Blemishes & Their Treatment	Cosmetic Technology
25	Study of Mask Therapy	Cosmetic Technology
26	Certificate course in Resume Writing	English
27	Advanced VLSI Design & Nano-Electronics	Electronics
28	Digital Communication in Mobile Technology	Electronics




Secretary
Vidyabharati Shaikshanik Mandali
Amravati.

विद्या भारती शैक्षणिक मंडळ

र. नं. (एस.आर.) महाराष्ट्र ३२३ पी.टी.एफ-४४६

सी. के. नायडू रोड, कॅम्प, अमरावती ४४४ ६०२

- संचालित संस्था -

- * विद्या भारती महाविद्यालय
सी. के. नायडू रोड, कॅम्प,
अमरावती. फोन. २६६२७४०
- * विद्या भारती औषधी
निर्माणशास्त्र पदविका व
पदवी महाविद्यालय, अमरावती.
फोन. २६६३८२९, २५५२०१२
- * विद्या भारती विज्ञान महाविद्यालय,
कारंजा (लाड) जि. वाशिम
फोन. २२२१४८
- * संत मुक्ताबाई कला, वाणिज्य
महाविद्यालय
मुक्ताई नगर, जि. जळगांव
फोन. २२२३२२
- * विद्या भारती माध्यमिक विद्यालय
पत्रकार कॉलनी, अमरावती.
फोन २५७५०५२
- * श्री शिवचंदजी लढू विद्यालय
व कनिष्ठ महाविद्यालय, शिवणगांव
- * श्री संत गाडगेबाबा विद्यालय
सायत
- * विद्या भारती हायस्कूल व
कनिष्ठ महाविद्यालय, सेलु बाजार,
जि. अकोला. फोन २५६४६९
- * मातोश्री नथीयाबाई विद्यालय
सुनगांव, जि. बुलढाणा
फोन २६५१०७
- * विद्या भारती विद्यालय
शहा ता. कारंजा जि. वाशिम
- * प्रतिभा महिला वसतीगृह
कॅम्प, अमरावती. फोन. २५५०६९६
- * विद्या भारती औद्योगिक
प्रशिक्षण केंद्र, कॅम्प, अमरावती.
- * संत मुक्ताबाई माध्यमिक विद्यालय
मुक्ताईनगर, जि. जळगांव
- * विद्या भारती मागास वर्ग वसतीगृह,
पत्रकार कॉलनी, अमरावती.
- * प्रतिभा महिला शिक्षणशास्त्र
महाविद्यालय,
कॅम्प, अमरावती.

अध्यक्ष

श्री. राजेंद्रसिंह उर्फ रावसाहेब शेखावत
फोन निवास २६६२७८३

सचिव

डॉ. श्री. अशोक डी. चौहान
मो.नं. ९४२२१५६६८६, ८४५९६४३९५८

पत्र क्रमांक - व्ही.बी.एस.एम./13(A)/2017

दिनांक : 23/06/2017

To
The Principal
Vidya Bharati Mahavidyalaya, Amravati

Subject: - **Permission to introduce Certificate Courses in the academic year 2017-18**

Dear Sir/Madam,

As per the above subject and reference letter we are pleased to grant you permission to conduct the short term certificate courses in the department identified from the academic year 2017-18 and onward. You may execute it for the benefit of the students at the earliest.

Sr. No	Course to be introduced	Department
1	Nano Science and Nano Technology	Physics
2	Solvent Extraction Separation Technique	Chemistry
3	Water and Soil Analysis	Chemistry
4	Sustainable Ecology	Botany
5	Green Energy Initiatives	Botany
6	Gender Equality	PWSC
7	Techniques for handling Laboratory Instruments	Zoology
8	Taxation and E-filing of IT Return	Commerce
9	Preparatory Course in MBA Entrance Exam	Commerce
10	LaTeX	Mathematics
11	Scilab	Mathematics
12	Database Management System	BCA
13	MS-Office	BCA
14	Interview Skills	MCA
15	HTML	MCA
16	Cyber Security	MCM
17	Health and Physical Fitness	Physical Education
18	Sport Tourism	Physical Education
19	Medieval History of Amravati	History
20	Political Communication	Political
21	Certificate Course in Letter Writing	Marathi
22	Current Trends in Banking	Economics
23	English Grammar for Competitive Examination	English
24	Electronics Measuring Instruments	Electronics
25	Digital Electronics- Digital System Design	Electronics
26	Study of Bath Preparations	Cosmetic Technology
27	Study of Baby Cosmetics	Cosmetic Technology
28	The Study of Manicure & Pedicure Therapies	Cosmetic Technology
29	The Study of Aroma Face Therapy	Cosmetic Technology




Secretary
Vidyabharati Shikshanik Mandal
Amravati.

विद्या भारती शैक्षणिक मंडळ

र. नं. (एस.आर.) महाराष्ट्र ३२३ पी.टी.एफ-४४६

सी. के. नायडू रोड, कॅम्प, अमरावती ४४४ ६०२

- संचालित संस्था -

- * विद्या भारती महाविद्यालय
सी. के. नायडू रोड, कॅम्प,
अमरावती. फोन. २६६२७४०
- * विद्या भारती औषधी
निर्माणशास्त्र पदविका व
पदवी महाविद्यालय, अमरावती.
फोन. २६६३८२९, २५५२०१२
- * विद्या भारती विज्ञान महाविद्यालय,
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- * संत मुक्ताबाई कला, वाणिज्य
महाविद्यालय
मुक्ताई नगर, जि. जळगांव
फोन. २२२३२२
- * विद्या भारती माध्यमिक विद्यालय
पत्रकार कॉलनी, अमरावती.
फोन २५७५०५२
- * श्री शिवचंदजी लढा विद्यालय
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कनिष्ठ महाविद्यालय, सेलु बाजार,
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- * मातोश्री नथीयाबाई विद्यालय
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फोन २६५१०७
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- * प्रतिभा महिला वसतीगृह
कॅम्प, अमरावती. फोन. २५५०६९६
- * विद्या भारती औद्योगिक
प्रशिक्षण केंद्र, कॅम्प, अमरावती.
- * संत मुक्ताबाई माध्यमिक विद्यालय
मुक्ताईनगर, जि. जळगांव
- * विद्या भारती मागास वर्ग वसतीगृह,
पत्रकार कॉलनी, अमरावती.
- * प्रतिभा महिला शिक्षणशास्त्र
महाविद्यालय,
कॅम्प, अमरावती.

अध्यक्ष

श्री. राजेंद्रसिंह उर्फ रावसाहेब शेखावत
फोन निवास २६६२७८३

सचिव

डॉ. श्री. अशोक डी. चौहान
मो.नं. ९४२२१५६६८६, ८४५९६४३९५८

पत्र क्रमांक - व्ही.बी.एस.एम./17(A) 2018

दिनांक : 12.06.2018

To
The Principal
Vidya Bharati Mahavidyalaya,
Amravati

Subject: - Permission to introduce Certificate Courses in the academic year 2018-19

Dear Sir/Madam,

As per the above subject and reference letter we are pleased to grant you permission to conduct the short term certificate courses in the department identified from the academic year 2018-19 and onward. You may execute it for the benefit of the students at the earliest.

Sr. No	Course to be introduced	Department
1	Soil Conservation and Water Management	Botany
2	Safety Measures in Handling Instruments of Electronics	Electronics
3	Applied Mathematics	Mathematics
4	Course in Applied Marathi	Marathi
5	Creative writing in Marathi : Short Story as a Genre	Marathi
6	Business Communication	English
7	Industrial Commercial Products	Chemistry
8	Instrumental Operating Techniques	Chemistry
9	Preparing for Competitive Examinations	History/MPSC Cell
10	Vedic Mathematics	Mathematics
11	Oracle: Data Base Foundations	BCA
12	MS-Office	BCA
13	Equipment Handling and Maintenance	Physics
14	Rural Banking	Economics
15	Tally with GST	Commerce
16	Personality Development and Communication Skills	Management
17	Social Services and Welfare Policies	Sociology
18	The Study of Beauty Therapy	Cosmetic Technology
19	Enhancing Competence in Cosmetic Technology	Cosmetic Technology
20	Performing Arts	Physical Education
21	Stress Management	Physical Education
22	Enhancing Competence in English	English
23	Python	MCA
24	Certificate course in GST	Management
25	Gender and Development	PWSC




Secretary
Vidyabharati Shaikshanik Mandal
Amravati.

Samples of Proposals from the Departments

a) Soil Conservation and Water Management

(Department of Botany)

b) Vedic Mathematics

(Department of Mathematics)

a) Soil Conservation and Water Management

To

The Principal
Vidya Bharati Mahavidyalaya
Amravati.

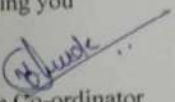
Sub: - Submission of a proposal to start the Diploma Course in Soil Conservation & Water Management.

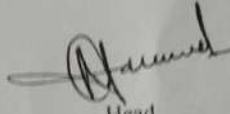
Respected Sir,

The department of Botany is herewith submitting the proposal to start the Diploma Course in Soil Conservation & Water Management from this academic year. This course shall be commenced from 1st July 2018 to 30th March 2019 (Duration 6 months). The target group has already been identified and such a circular also has been issued to the concerned Head of Department.

You are requested to grant the permission to introduce Diploma course of mentioned above.

Thanking you


Course Co-ordinator


Head
Department of Botany

Date: 07/02/2019

Encl: 1. Copy of the proposal along with details of the course.
2. Distribution of workload
3. Admission form
4. Time-Table
5. Name of the Students identified (Attendance sheet).

P. granted


b) Vedic Mathematics

To,
The Principal
VidyaBharatiMahavidyalaya,
Amravati.

Subject: Submission of a proposal to start a value added course in Mathematics.

Respected Sir,

The Faculty of Mathematics is herewith submitting the proposal to start the Value added course in Mathematics entitled **Certificate Course in Vedic Mathematics** from this academic year to cater the need of the students seeking their UG & PG degrees in the Institution. This course shall be commenced from **14/01/2019**.

You are requested to pursue the proposal and grant the permission to introduce such a certificate course of immense relevance. Kindly endorse and oblige.

Date: 12/01/2019



Head

Dr. P. P. Khade
Department of Mathematics
Head
Department of Mathematics
VidyaBharati Mahavidyalaya
Amravati

Encl:- 1. Copy of a proposal along with details of the course.

2. Time Table
3. Admission Form.

1-3/2019
H

Sample 1:
Certificate Course
in
Soil Conservation and Water Management

Soil Conservation and Water Management

a) Notice of the Certificate Course

VIDYA BHARATI MAHAVIDYALAYA, AMRAVATI


Dept. of Botany

NOTICE

All the UG and PG admitted students are hereby informed that the Department of Botany is organizing the **Diploma Course in "Soil Conservation & Water Management"** (**Duration: 6 months**). The course will be conducted in two parts. The first part (A) shall be commenced from the opening of academic year i.e. **1st Aug. 2018 to 30th Oct. 2018** and B-Part shall be resumed from **1st Jan. 2019 to 31st Mar. 2019**. The interested students may convey their names to **Dr. M.U. Ghurde** Course Coordinator, Dept. of Botany **up to 25th July 2018**. For detailed information you may contact to Course Coordinator.

Date: 10/07/2019


Dr. M.U. Ghurde
Course Co-ordinator


Dr. P.G. Bansod
Head
Dept. of Botany

b) Admission Form (Samples)

VIDYA BHARATI MAHAVIDYALAYA, AMRAVATI
C.K. Naidu Road, Camp, Amravati- 444602
DEPARTMENT OF BOTANY
DIPLOMA COURSE IN SOIL CONSERVATION & WATER MANAGEMENT,
APPLICATION FORM
Duration:-. 06 Months
(Academic Year 2018-19)
A Part: 1st August 2018 to End of October
B Part: 1st January 2019 to End. of March



1. Student ID:- 23930

2. Class:- B.Sc IInd year

3. Name of the Student: Rina sheshrao Dongare

4. Name of Father/Guardian:- sheshrao manikrao Dongare

5. Address: At. Post. sayat
Tq. Bhatkuli
Dist. Amravati

6. Email ID: dongarerina8@gmail.com

7. Aadhar No: 8169 7103 7152

8. Contact No: 7264842246

9. Religion: Bauddhh Cast: Mahar Category: Sc

10. Date of Birth: 10/10/1999


Signature of Applicant

VIDYA BHARATI MAHAVIDYALAYA, AMRAVATI
C.K. Naidu Road, Camp, Amravati- 444602
DEPARTMENT OF BOTANY
DIPLOMA COURSE IN SOIL CONSERVATION & WATER MANAGEMENT.

APPLICATION FORM

Duration:-. 06 Months

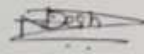
(Academic Year 2018-19)

A Part: 1st August 2018 to End of October

B Part: 1st January 2019 to End. of March



1. Student ID:- 23814
2. Class:- B.SC PART-II (CBZ)
3. Name of the Student: MISS. NEHA AVINASH DESHBHATAR
4. Name of Father/Guardian:- AVINASH PANDURANGJI DESHBHATAR
5. Address: SHIVAJI NAGAR,
CHANDUR BAZAR,
DIST. AMRAVATI.
6. Email ID: nehadeshbhatar121@gmail.com
7. Aadhar No: 4159 4108 2928
8. Contact No: 9975062307
9. Religion: HINDU Cast: MAHAR Category: SC
10. Date of Birth: 16-06-2000


Signature of Applicant

c) List of the admitted students

Vidya Bharati Mahavidyalaya, Camp, Amravati
 DEPARTMENT OF BOTANY
 Diploma Course (6 months)
 In
 Soil Conservation & Water Management
 (01/08/2018 to 01/03/2019)

List of Admitted Students

S.N.	Name of Student	Class	Adhar No.	Mob. No.	Signature
1	Ms. Rina S. Dongare	B.Sc.II	8169 7103 7152	7264842246	<i>[Signature]</i>
2	Ms. Shifa Nigarish M.	B.Sc.II	8679 1695 7699	9284207076	<i>[Signature]</i>
3	Ms. Farheen Afshan	B.Sc.II	6666 9345 6466	9420520411	<i>[Signature]</i>
4	Ms. Neha A. Deshbhatar	B.Sc.II	4159 4108 2928	9975062307	<i>[Signature]</i>
5	Ms. Pooja D. Jadhao	B.Sc.II	5888 8612 4500	7558751040	<i>[Signature]</i>
6	Ms. Pratiksha S. Belsare	B.Sc.II	2259 4766 4084	7218695929	<i>[Signature]</i>
7	Ms. Yogeshri P. Bais	B.Sc.II	7369 9341 1324	9370334256	<i>[Signature]</i>
8	Ms. Manisha A. Gayakwad	B.Sc.II	8389 2635 0951	8007427223	<i>[Signature]</i>
9	Ms. Nayab A. Shaikh	B.Sc.II	5348 9504 1004	9561765221	<i>[Signature]</i>
10	Ms. Pranali B. Kamble	B.Sc.II	4986 8376 1065	7620545167	<i>[Signature]</i>
11	Ms. Preena A. Raurale	B.Sc.II	3427 7065 1464	9657480558	<i>[Signature]</i>
12	Ms. Sonali S. Gurjar	B.Sc.II	3243 7900 5265	7499368096	<i>[Signature]</i>
13	Ms. Tejasvini A. Bhagwat	B.Sc.II	9771 9636 8438	9156760382	<i>[Signature]</i>
14	Ms. Snehal R. Mundane	B.Sc.II	5850 0083 8445	7057236483	<i>[Signature]</i>
15	Mr. Aftab A. Hussain	B.Sc.II	8896 4927 5102	7218769887	<i>[Signature]</i>
16	Ms. Mubashshera Firdous	B.Sc.II	7788 8337 6422	7798757494	<i>[Signature]</i>
17	Ms. Shaziya Shadab	B.Sc.II	9812 9026 2444	9511831059	<i>[Signature]</i>
18	Ms. Rohini S. Rajput	M.Sc. IBot	2117 1629 4346	9595887494	<i>[Signature]</i>
19	Ms. Nishtha A. Sakharikar	M.Sc. I Bot	8749 8058 4548	7387761519	<i>[Signature]</i>
20	Mr. Akshay S. Bhatkar	M.Sc. I Bot	5003 5934 3650	9503588083	<i>[Signature]</i>
21	Mr. Sarvesh B. Raut	M.Sc. IBot	6028 5513 7183	8329054142	<i>[Signature]</i>
22	Mr. Vikram V. Waghmare	M.Sc. I Bot	9973 0381 1254	8412992957	<i>[Signature]</i>
23	Ms. Albeena N. Shaikh	M.Sc. I Bot	7394 0722 3641	9921543988	<i>[Signature]</i>
24	Ms. Vaishali A. Turkhade	M.Sc. I Bot	9018 2136 3360	9145533743	<i>[Signature]</i>
25	Ms. Hrutuja C. Gaikawad	M.Sc. I Bot	2039 2447 0376	7769906869	<i>[Signature]</i>
26	Ms. Ashwini P. More	M.Sc. I Bot	9939 8631 0457	9503070471	<i>[Signature]</i>
27	Ms. Pratiksha S. Patel	M.Sc. I Bot	3898 8537 8908	9503425038	<i>[Signature]</i>
28	Ms. Shivani S. Lutey	M.Sc. I Bot	4792 5782 8384	7776943958	<i>[Signature]</i>
29	Ms. Nikita R. Sadanshiv	M.Sc. I Zoo	4434 9320 2657	9370938863	<i>[Signature]</i>
30	Ms. Pranita B. Ingale	M.Sc. I Zoo	4236 4589 3793	9370344112	<i>[Signature]</i>
31	Ms. Bhumika A. Naware	M.Sc. I Zoo	6764 6332 2971	8149481389	<i>[Signature]</i>

[Signature]
 Dr. M. L. Ghunde
 Course Coordinator

[Signature]
 Dr. P. G. Bansod
 Head of Department

d) Copy of the Syllabus

I. Course Contents:

Theory: 60hrs (12hrs/Unit)

- Unit-I:** Natural Resources: Concept, Examples with significance, different natural resources - Soil and Water. Soil: Process of formation, soil composition, soil profile. Water: Distribution of water, Hydrological cycle.
- Unit-II:** Degradation of soil: Soil erosion, Types, Causes of erosion, Soil pollution: causes & consequences; Control measures.
- Unit-III:** Soil Conservation: Concept and importance, factors determining the fertility and productivity Soils. Methods of Soil Conservation.
- Unit-IV:** Water Resources: Properties of water (Physical & Chemical), Water Pollution Sources and Control.
- Unit-V:** Water Management: Need of Water Management, Problems of Water Resource Management: Floods, Drought, Methods of Water Management.

Practical: 30hrs (Total no. of Practical -15)

Analysis of Soil & Water

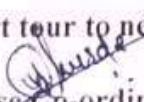
Soil:

- i) Determination of soil texture by sieve method.
- ii) To determine the moisture of given soil samples.
- iii) To measure the soil temperature with the help of thermometer.
- iv) To determine the alkalinity of given soil samples.
- v) To determine the acidity of soil samples.
- vi) To determine the pH of given soil samples
- vii) To determine the electrical conductivity of soil samples.
- viii) Study of organic matter in Soil.

Water:

- ix) To determine the pH of given water samples
- x) To determine the electrical conductivity of water samples.
- xi) To determine the alkalinity of given water samples.
- xii) To determine the acidity of water samples.
- xiii) To determine the transparency of water by using Secchidisc.
- xiv) To determine total dissolve solids (TDS) of water samples
- xv) To determine total hardness of water samples.

Short tour to nearby area


Course Co-ordinator



Head

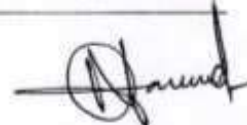
e) Distribution of Workload

Vidya Bharati Mahavidyalaya, Amravati
Department of Botany
Diploma Course in Soil Conservation & Water Management

Distribution of workload (In Hours)

Sr. No.	Name of the Faculty Members	Theory		Practical	
		Part A	Part B	Part A	Part B
1	Dr. P.G.Bansod	15			-
2	Dr. M.U.Ghurde	-	15	-	5
3	Dr. P.V.Pulate	15		5	-
4	Ms. L.P.Khalid	-	15	-	5
	Total	30	30	5x2=10	10X2=20
	Total Workload	60		30	


Dr. M. U. Ghurde
Course Co-ordinator


Dr. P. G. Bansod
Head of Department

f) Time Table

DEPARTMENT OF BOTANY
Diploma Course in
Soil Conservation and Water Management
Time Table 2018-19 (w. e. f. 01/01/2019)

DAY	7.30 to 8.30	8.30 to 9.30	9.30 to 10.30
MON	-	-	-
TUE	-	-	-
WED	-	-	T (B-PG L) MUG
THR	Practical (B-PG L) MUG/LPK		T (B-PG L) LPK
FRI	-	-	-
SAT	-	-	-

T-Theory; P-Practical; B-PGL- Botany PG Laboratory

Workload Allotted

PGB-15

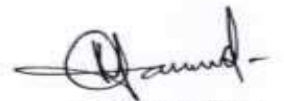
MUG-25

PVP-25

LPK-25

Total Workload- 90 [60hrs (T) +30hrs (P)]


Dr. M. U. Ghurde
Course Co-ordinator


Dr. P. G. Bansod
Head of Department

Attendance Sheet of Practical:

Vidya Bharati Mahavidyalaya, Camp, Amravati
 Diploma Course in Soil Conservation & Water Management
 Duration: From 01/08/2018 to 30/10/2018
 Attendance Sheet (Practical)

Name of Teacher: Dr. P.V.Pulate

S.N	Name of the student	Class	Date of attendance & Signature of student						Record checker
			1/08/2018	9/08/2018	16/08/2018	23/08/2018	30/08/2018	06/09/2018	
1	Ms. Rina S. Donaware	B.Sc. II	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	
2	Ms. Shifa Nigarish M.	B.Sc. II	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	
3	Ms. Farheen Afshan	B.Sc. II	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	
4	Ms. Neha A. Deshbhatar	B.Sc. II	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	
5	Ms. Pooja D. Jadhav	B.Sc. II	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	
6	Ms. Pratiksha S. Belsare	B.Sc. II	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	
7	Ms. Yozeshri P. Bais	B.Sc. II	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	
8	Ms. Manisha A. Gayakwad	B.Sc. II	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	
9	Ms. Navab A. Shaikh	B.Sc. II	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	
10	Ms. Pranali B. Kamble	B.Sc. II	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	
11	Ms. Prerana A. Raurale	B.Sc. II	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	
12	Ms. Sonali S. Gurjar	B.Sc. II	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	
13	Ms. Tejasvini A. Bhanawat	B.Sc. II	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	
14	Ms. Snehal R. Murgane	B.Sc. II	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	
15	Mr. Afab A. Hussain	B.Sc. II	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	
16	Ms. Mubashshera Firdous	B.Sc. II	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	
17	Ms. Shaziya Shadab	B.Sc. II	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	
18	Ms. Rohini S. Rajput	B.Sc. II	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	
19	Ms. Nishtha A. Sakharikar	M.Sc. I	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	
20	Mr. Akshay S. Bhatkar	M.Sc. I	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	
21	Mr. Sarvesh B. Raut	M.Sc. I	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	
22	Mr. Vikram V. Waghmare	M.Sc. I	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	
23	Ms. Albeena N. Shaikh	M.Sc. I	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	
24	Ms. Vaishali A. Turkhade	M.Sc. I	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	
25	Ms. Hrutuja C. Gaikawad	M.Sc. I	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	
26	Ms. Ashwini P. More	M.Sc. I	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	
27	Ms. Pratiksha S. Patel	M.Sc. I	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	
28	Ms. Shivani S. Lutey	M.Sc. I	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	
29	Ms. Nikita R. Sadanshiv	M.Sc. I	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	
30	Ms. Pranita B. Ingale	M.Sc. I	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	
31	Ms. Bhumika A. Naware	M.Sc. I	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	

[Signature]
 Course Coordinator

[Signature]
 Head
 Dept. of Botany

h) Schedule of the Examination (Notice)


NOTICE

All the UG & PG students enrolled for Diploma Course in Soil Conservation & Water Management are hereby informed that their **Practical and Theory Examinations** will be held on **03/04/2019** and **05/04/2019** respectively. Time Table is displayed on Department of Botany Notice board.
Kindly note.

Date: 25/03/2019



Dr. M. U. Ghurde
Course Co-ordinator



Dr. P. G. Bansod
Head of Department

Practical: 03/04/2018

Theory: 05/04/2019

Timing: 7.30-10.30am

Venue: PG Lab. Dept. of Botany

Question Paper:

Vidyabharti Mahavidyalaya, Amravati		
Examination (Theory)		
Diploma course in		
Soil Conservation & Water Management		
2018-19		
Time-Three Hours		Maximum Marks: 80
N.B.-	[1] All question are compulsory.	
	[2] All question carry equal marks.	
	[3] Draw well labelled diagrams wherever necessary	
Q.1 Write on		
a. Significance a Natural Resources		05
b. Composition of soil		05
c. Hydrological cycle		06
OR		
d. Concept of Natural Resources		05
e. Soil profile		05
f. Distribution of water		06
Q.2 Describe in detail Soil erosion: Types and Causes		16
OR		
What is soil pollution? Describe Causes and Consequences		16
Q.3 Write on		
g. Concept of soil conservation		05
h. Soil productivity		05
i. Methods of soil conservation		06
OR		
j. Soil Fertility		05
k. Importance of soil conservation		05
l. Factors define the soil fertility		06
Q.4 Describe Water as a Natural Recourse with its physical & chemical properties.		16
OR		
Describe Water pollution in Detail.		16
Q.5 Explain		
m. Need of Water management		05
n. Flood		05
o. Problems of water resources		06
OR		
p. Hydrosphere		05
q. Drought		05
r. Waste Water management		06

i) Result

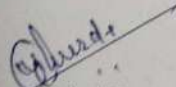
Vidya Bharati Mahavidyalaya, Camp, Amravati
Practical Examination 2018-19
 Diploma Course (6 months)
 In
 Soil Conservation & Water Management

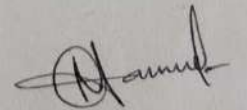
Mark sheet - 50

Date: 03/04/2019

Time: 7.30 to 10.30am

S.N.	Name of Student	Class	Q.1	Q.2	Q.3	Q.4	Q.5	Q.6	Total
1	Ms. Rina S. Dongare	B.Sc.II	10	10	05	05	10	08	48
2	Ms. Shifa Nigarish M.	B.Sc.II	10	10	05	05	10	08	48
3	Ms. Farheen Afshan	B.Sc.II	10	10	05	05	10	07	47
4	Ms. Neha A. Deshbhratar	B.Sc.II	10	10	05	05	10	08	48
5	Ms. Pooja .D. Jadhao	B.Sc.II	10	10	05	05	10	06	46
6	Ms. Pratiksha S. Belsare	B.Sc.II	10	10	05	05	10	08	48
7	Ms. Yogeshri P. Bais	B.Sc.II	10	10	05	05	10	00	40
8	Ms. Manisha A. Gayakwad	B.Sc.II	10	10	05	05	10	00	40
9	Ms. Nayab A. Shaikh	B.Sc.II	10	10	05	05	10	08	48
10	Ms. Pranali B. Kamble	B.Sc.II	10	10	05	05	10	08	48
11	Ms. Prerana A. Raurale	B.Sc.II	10	10	05	05	10	07	47
12	Ms. Sonali S. Gurjar	B.Sc.II	10	10	05	05	10	08	48
13	Ms. Tejasvini A. Bhagwat	B.Sc.II	10	10	05	05	10	07	47
14	Ms. Snehal R. Mundane	B.Sc.II	10	10	05	05	10	05	45
15	Mr. Aftab A. Hussain	B.Sc.II	10	10	05	05	10	08	48
16	Ms. Mubashshera Firdous	B.Sc.II	10	10	05	05	10	07	47
17	Ms. Shaziya Shadab	B.Sc.II	10	10	05	05	10	07	47
18	Ms. Rohini S. Rajput	M.Sc. I Bot	10	10	05	05	10	07	47
19	Ms. Nishtha A. Sakharikar	M.Sc. I Bot	10	10	05	05	10	08	48
20	Mr. Akshay S. Bhatkar	M.Sc. I Bot	10	10	05	05	10	02	42
21	Mr. Sarvesh B. Raut	M.Sc. I Bot	10	10	05	05	10	02	42
22	Mr. Vikram V. Waghmare	M.Sc. I Bot	10	10	05	05	10	08	48
23	Ms. Albeena N. Shaikh	M.Sc. I Bot	10	10	05	05	10	07	47
24	Ms. Vaishali A. Turkhade	M.Sc. I Bot	10	10	05	05	10	07	47
25	Ms. Hrutuja C. Gaikawad	M.Sc. I Bot	10	10	05	05	10	00	40
26	Ms. Ashwini P. More	M.Sc. I Bot	10	10	05	05	10	08	46
27	Ms. Pratiksha S. Patel	M.Sc. I Bot	10	10	05	05	10	08	48
28	Ms. Shivani S. Lutey	M.Sc. I Bot	10	10	05	05	10	08	48
29	Ms. Nikita R. Sadanshiv	M.Sc. I Zoo	10	10	05	05	10	08	48
30	Ms. Pranita B. Ingale	M.Sc. I Zoo	10	10	05	05	10	08	48
31	Ms. Bhumika A. Naware	M.Sc. I Zoo	10	10	05	05	10	08	48


 Course Coordinator


 Head of Department

j) Distribution of certificates

Vidya Bharati Mahavidyalaya, Camp, Amravati
DEPARTMENT OF BOTANY
Diploma Course (6 months)
In
Soil Conservation & Water Management

Certificate Distribution

S.N.	Name of Student	Class	Date of Issuing Certificate	Signature
1	Ms. Rina S. Dongare	B.Sc.II	10/4/2019	R. Dongare
2	Ms. Shifa Nigarish M.	B.Sc.II	10/4/2019	Shifa
3	Ms. Farheen Afshan	B.Sc.II	10/4/2019	Farheen
4	Ms. Neha A. Deshbhratar	B.Sc.II	10-04-2019	Neha
5	Ms. Pooja .D. Jadhao	B.Sc.II	10-04-2019	Jadhao
6	Ms. Pratiksha S. Belsare	B.Sc.II	10-04-2019	Belsare
7	Ms. Yogeshri P. Bais	B.Sc.II	10-04-19	Bais
8	Ms. Manisha A. Gayakwad	B.Sc.II	10-04-19	Gayakwad
9	Ms. Nayab A. Shaikh	B.Sc.II	10-4-19	Shaikh
10	Ms. Pranali B. Kamble	B.Sc.II	10-4-19	Kamble
11	Ms. Prerana A. Raurale	B.Sc.II	10-4-19	Raurale
12	Ms. Sonali S. Gurjar	B.Sc.II	10-4-19	Gurjar
13	Ms. Tejasvini A. Bhagwat	B.Sc.II	10-4-19	Bhagwat
14	Ms. Snehal R. Mundane	B.Sc.II	10-4-19	Mundane
15	Mr. Aftab A. Hussain	B.Sc.II	10-4-19	Hussain
16	Ms. Mubashshera Firdous	B.Sc.II	10-4-19	Firdous
17	Ms. Shaziya Shadab	B.Sc.II	10-4-19	Shadab
18	Ms. Rohini S. Rajput	M.Sc. IBot	10-4-19	R. S. Rajput
19	Ms. Nishtha A. Sakharikar	M.Sc. I Bot	10-4-19	Sakharikar
20	Mr. Akshay S. Bhatkar	M.Sc. I Bot	10-4-19	Bhatkar
21	Mr. Sarvesh B. Raut	M.Sc. IBot	10-4-19	Raut
22	Mr. Vikram V. Waghmare	M.Sc. I Bot	10-4-19	Waghmare
23	Ms. Albeena N. Shaikh	M.Sc. I Bot	10-4-19	Shaikh
24	Ms. Vaishali A. Turkhade	M.Sc. I Bot	10-4-19	Turkhade
25	Ms. Hrutuja C. Gaikawad	M.Sc. I Bot	10-4-19	Gaikawad
26	Ms. Ashwini P. More	M.Sc. I Bot	10-4-19	More
27	Ms. Pratiksha S. Patel	M.Sc. I Bot	10-4-19	Patel
28	Ms. Shivani S. Lutey	M.Sc. I Bot	10-4-19	Lutey
29	Ms. Nikita R. Sadanshiv	M.Sc. I Zoo	10/04/2019	Sadanshiv
30	Ms. Pranita B. Ingale	M.Sc. I Zoo	10/4/2019	Ingale
31	Ms. Bhumika A. Naware	M.Sc. I Zoo	10/4/2019	Naware

k) Sample of distributed certificates



Sample 2:
Value Added Course
in
Vedic Mathematics

Vedic Mathematics

a) Notice of the Certificate Course


Vidya Bharati Mahavidyalaya, Amravati
Department of Mathematics


Notice

All the students of the college are hereby informed that Department of Mathematics is going to organize certificate course in "Vedic Mathematics" in the college from 14th January 2019 for B.Sc. I, II, III students. Those students are interested to join this course should contact Prof. P. P. Khade, Department of Mathematics before 12/01/2019

Schedule of the course:

- Date of commencement of the course:14/01/19
- Time:8.30 am to 10.30 am


Department of Mathematics
Dr. P. P. Khade
Head
Department of Mathematics
Vidyabharati Mahavidyalaya
Amravati


VIDYA BHARATI MAHAVIDYALAYA
AMRAVATI.
Vidya Bharati Mahavidyalaya,
Amravati

Encl:


- Admission Form
- Course Outline

b) Admission Forms

Vidya Bharati Mahavidyalaya,
Camp, C. K. Naidu Road, Amravati-444602

Department of Mathematics
Certificate Course in Vedic Mathematics

Application Form



Duration : _____ to _____

1. Student ID : 24509

2. Class : MSc.- I (Maths)

3. Name of the Student : Ku. Tejal Rameshwar Pachgade

4. Aadhar No. : 597900873935

5. Name of Father/
Guardian : Rameshwar P. Pachgade.

6. Address : At post Kurha, Tq- Tiosa,
Dist - Amravati.

7. E-mail ID : tejalpachgade96@gmail.com

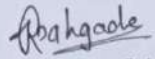
8. Contact No. : 8600847878 / 9765001146

9. Religion : Hindu Caste: Teli (OBC)

10. Date of Birth : 16 / 11 / 1996

DECLARATION

The information given above is true to the best of my knowledge. I have carefully read all the rules and regulations of the course. I further undertake to fully abide by them.*


Signature of Applicant

Date: _____

Vidya Bharati Mahavidyalaya,

Camp, C. K. Naidu Road, Amravati-444602

Department of Mathematics

Certificate Course in Vedic Mathematics

Application Form



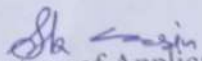
Duration : _____ to _____

1. Student ID : 24522
2. Class : M.Sc. - IInd Sem (Mathematics)
3. Name of the Student : SHAIKH MOSIN SHAIKH MATIN
4. Aadhar No. : 5844 9326 8489
5. Name of Father/
Guardian : SHAIKH MATIN
6. Address : NAMUNA, LINE NO. 3, NEAR
DARGAH, AMRAVATI - 444601
7. E-mail ID : mosinshaikh98823@gmail.com
8. Contact No. : 9764309924 19834989036
9. Religion : MUSLIM Caste: _____
10. Date of Birth : 23/08/1998

DECLARATION

The information given above is true to the best of my knowledge. I have carefully read all the rules* and regulations of the course. I further undertake to fully abide by them.

Date:


Signature of Applicant

c) List of the admitted students

Exam

List of students Enrolled for Value Added course in "Vedic Mathematics"

Sr. No.	NAME OF STUDENTS	
1	AATIF ANWAR ABDUL RASHID	<i>Aatif</i>
2	TIRKEY AKANSHA MICHAEL	<i>Tirkey</i>
3	AMREEN NAAZ MUMTAZ ALI	<i>Amreen</i>
4	APRADHE ANURADHA DATTATRAY	<i>Apradhe</i>
5	SINHE ANUSHREE LAXMANRAO	<i>ASr</i>
6	ARSHIYA NAAZ ABDUL KALEEM	<i>Arshiya</i>
7	PACHGHARE DARSHANA PRABHAKARRAO	<i>D.P. Pachghare</i>
8	CHITRAKAR DHARMARAJ ARVIND	<i>Chitkar</i>
9	NAGE GAYATRI SANJAY	<i>Nage</i>
10	JEBA KAUSAR ISHAT SHEKH	<i>Jeba</i>
11	ZADE JIVESHWAR PRADIP	<i>Zade</i>
12	AGRAWAL KESHAV JAIPRAKASH	<i>K.P.</i>
13	SAHU KOMAL SHIVKUMAR	<i>Sahu</i>
14	BELE LATIKA MOHANRAO	<i>Bele</i>
15	BHUYAR MANJIRI ASHOKRAO	<i>Bhuyar</i>
16	DHOBAL MAYURI MMADHUKARRAO	<i>Dhobal</i>
17	PACHGHARE MAYURI SANJAYRAO	<i>M.Pachghare</i>
18	BELE PALLAVI RAJANDRARA0	<i>Bele</i>
19	SHEKHAWAT PINKEY BHANWARSINGH	<i>Karwar</i>
20	KANDALKAR PRACHI VASANTRAO	<i>Kandalkar</i>
21	IKHAR PRANJALI NARANDRA	<i>P.N. Ikhare</i>
22	AMBULKAR PRATIKSHA DNYANESHWAR	<i>Pratiksha</i>
23	BELE PRATIKSHA SARANGDHARRAO	<i>Bele</i>
24	LOKHANDE RASHMI VIJAY	<i>Lokhande</i>
25	ROOHINA MAHEWASH ZAKIR HUSSAIN	<i>Roohina</i>
26	JADHAV RUPALI DIPAK	<i>Jadhav</i>
27	BHATTI RUSHALI HASMUKH	<i>Bhatti</i>
28	NISTANE SAKSHI DEVENDRA	<i>S.D. Nistane</i>
29	MOHOD SAMIKSHA PRADIPRAO	<i>Mohod</i>
30	SHAIKH MOSIN SHAIKH MATIN	<i>Shaikhan</i>
31	CHANDURE SHWETA DILIPRAO	<i>Chandure</i>
32	GHANIWALE SIMRAN RAFIK	<i>Ghaniwale</i>
33	PACHGADE TEJAL RAMESHWAR	<i>Pachgade</i>
34	PATERIYA VAISHNAVI AJAY	<i>Pateriya</i>
35	CHAVAN VAISHNAVI PRADYUMNA	<i>Chavan</i>
36	MAGARDE VAISHNAVI RAJENDRA	<i>Magarde</i>
37	DHOMANE PUNAM DAMODHAR	<i>Dhokane</i>
38	JIKATE PRAJAKTA UTTAMRAO	<i>Jikate</i>
39	ADSOD POOJA RAVIKANT	<i>Adsod</i>

40	KITEY VAISHNAVI RAVINDRA	<u>Amey</u>
41	TASKEEN ANJUM SHAKIL AHMAD KHAN	<u>Taskeen</u>
42	SHAHEJAD KHAN SATTAR KHAN	<u>SE</u>
43	AKHAM SHAHZAD KHALID ULLAH KHAN	<u>Akham</u>
44	HUMA MINHAJ FAHIM AHMAD	<u>Hu</u>
45	PADOLE SAMIKSHA PRASHANT	<u>Shakale</u>
46	CHINCHHEDE MRUNALI VIJAYRAO	<u>Chinchhe</u>
47	KADU SHRUTIKA SURESHRAO	<u>Kadu</u>
48	DHAGE SWATI RAMHARI	<u>SP Dhage R</u>
49	GUBARE NIKITA DILIPRAO	<u>Gubare</u>
50	DEOLE VRUSHALI JAGDISHRAO	<u>Deole</u>
51	CHOUDHARI CHETANA RAJESH	<u>C.R. Choudhan</u>

52 Arati V. Barbude

Chou
Head

Department of Mathematics

d) Copy of the Syllabus

VidyaBharatiMahavidyalaya, Amravati

Department of Mathematics

Skill oriented course/Value added course

Certificate Course in Vedic Mathematics

Dept of Mathematics, VBMV Amravati offers **Vedic Maths Training** certificate program that includes all level training. Candidates preparing for entrance exams, skill development, or for business purpose etc. can join certificate programme. This certificate programme includes an in-depth study of Vedic Maths sutras. After the successful completion of Vedic Maths training, a candidate is free to take Vedic Maths classes. This certification has not only helped students but also helped in generating self-employment. To develop innovative mathematics skills and invent their own methods instead of using a predefined method for solving a puzzle. It not only simplifies and eases the toughness of mathematics but also boosts the brain power. It cultivates an interest in numbers and eliminates the maths-phobia. Better and Much improved academic performances in school and Instant Results. Anyone can become a certified professional and get recognition in society. The importance of Vedic Mathematics lies in the fact that any type of complex and critical multiplication or division can be done with simplicity. Vedic Mathematics is a compilation of tricks that help in solving mathematical calculations quite easily. Vedic Mathematics is very easy to understand and practice.

Course Curriculum (Syllabus)

Name of the Course : Certificate Course in Vedic Mathematics

Course Duration : 30 Lectures

Eligibility : HSSC Or equivalent.

Medium : English, Sanskrit, Hindi, Marathi

Programme–Syllabus for (30 Lectures) certificate Course in Vedic Mathematics (Yearly Two Batches)

Paper I - VEDIC ARITHMETIC

Paper II - VEDIC ALGEBRA

Paper III - VEDIC GEOMETRY

Paper I- VEDIC ARITHMETIC

Paper I- VEDIC ARITHMETIC

1. Multiplication

- (i) Urdhwatiryakabhyam method
- (ii) Nikhilam method, use of vinculum
- (iii) Combined operations of addition and subtraction

2. Division (up to three digits)

- (i) Nikhilam method
- (ii) ParavartaYojayet method
- (iv) GCD and LCM

3 Divisibility tests

- (i) Anurupyen method
- (ii) Osculation method

4. Powers (up to three digits)

- (i) Squares and square roots
- (ii) Cubes and cube roots.

5. History of Indian Mathematics

Contributions in Arithmetic only of the following mathematicians.

Aryabhata(Fifth century), Brahmagupta, Mahaviracharya, ShrinivasRamanujan

Paper II- VEDIC ALGEBRA

1. Multiplication (Two variables only)

- (i) Urdhwatiryakabhyam method
- (ii) GunitSamucchya

2. Division (One variable, up to third degree)

- (i) Nikhilam method
- (ii) ParavartaYojayet method
- (iii) GCD and LCM

3 Factorisation 16 marks

- (i) Anurupyen method
- (ii) Solving the equations up to third degree

4. Determinants and Partial fractions

5. History of Indian Mathematics

Contributions in Algebra only of the following mathematicians

VarahMihir, Bhaskaracharya (12 the century), NilkanthaSomyaji,
Mahaviracharya

PAPER- III - VEDIC GEOMETRY

1. Bodhayan Geometry

- (i) Bodhayan triplets-derivation- Shulbasutra
- (ii) Derivations of trigonometrical ratios

2. Trigonometry

- (i) Identities of trigonometrical ratios
- (ii) Inverse trigonometrical ratios.

3 Coordinate geometry

- (i) Equation to a straight line-various forms
- (ii) Conditions for parallel and perpendicular lines

4. Complex numbers

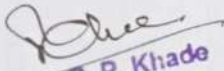
Modulus, Amplitude. Polar form, Square root, imaginary numbers,
Geometrical Interpretation.

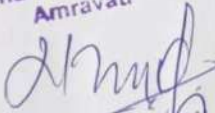
5. History of Indian Mathematics

Contributions in Geometry only of the following mathematicians
Madhavan, NilkanthaSomyaji, Permeswaran, Brahmagupta, Bhaskaracharya.

REFERENCE BOOKS ON VEDIC MATHEMATICS

- 1) **Bharatiya Krishna Teerth** :Vedic Mathematics(MotilalBanarasidas New Delhi, 2001)
- 2) **Dr. Vyawahare-Chouthaiwale- Borgaonkar**: Intr.to Vedic Mathematics (Swadhayamandal, Killepari, Gujarat, 2003)- **(Out of Print)**
- 3) **Chouthaiwale-Kolluru**: Enjoy Vedic Mathematics (Sri Sri Publications Trust, Banglore, 2010) Ph (Chouthaiwale-98229 79039)
- 4) **N.K. JainChoudhari** :Vedic and Jain mathematics (VishwaPunarNirmanSangha, Talangkhedi, Nagpur, 2000)
- 5) **V.G. Unkalkar** :Magical world of Mathematics, (Vandana Publishers Bangalore, 2008) Ph (Unkalkar – 098805 10369)
- 6) **V.G. Unkalkar** :Excel with Vedic Mathematics, (Vandana Publishers Bangalore, 2009) Ph (Unkalkar – 098805 10369)
- 7) **V.G. Heroor** :The History mathematics and Mathematicians of India (VidyaBharti, Bangalore, Karnatak,2006) Ph. Heroor- 099001 14932
- 8) **V.G. Heroor** :Jyopati (Rajasthan Sanskrit university, Jaipur, 2007) (Ph. – Heroor- 099001 149032)
- 9) **Dr. Anant W. Vyawahare** :BharatiyaGanceti (Marathi script) (NachiketPrakashan, Khamala Road, Nagpur.Ph. No. Vyawahare :- 9822739149)
- 10) **ShyamMarathe** :BharatiyaBanitachyaAdbuhutRiti (Marathi script) (AjinkyaPrakashan, Satara 1983) **(out of print)**
- 11) **ShyamMarathe** :BharatiyaGaneetinchiCharitra (Marathi script) (SahityaPrasar Kendra, Nagpur, 1989)


Dr. P. P. Khade
Head
Department of Mathematics
Vidyabharati Mahavidyalaya
Amravati


Dr. R. M. Patil
Co-ordinator
Internal Quality Assurance Cell
Vidya Bharati Mahavidyalaya
Camp, Amravati-444 602 (M.S.)


PRINCIPAL
VIDYA BHARATI MAHAVIDYALAYA
AMRAVATI

e) Distribution of Workload

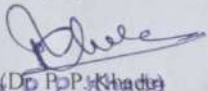
Department of Mathematics			
2018-19			
Report of Value Added Course in Mathematics			
Certificate course in "Vedic Mathematics"			
Name of the Teacher	Topic Covered	Day	Time
Dr. P. P. Khade	Paper I- VEDIC ARITHMETIC 1. Multiplication 2. Division (up to three digits) 3 Divisibility tests 4. Powers (up to three digits) 5. History of Indian Mathematics	Monday	8.30 am to 10.30am
Miss. V. N. Asatkar	Paper II- VEDIC ALGEBRA 1. Multiplication 2. Division (One variable, up to third degree) 3 Factorisation 4. Determinants and Partial fractions 5. History of Indian Mathematics	Wednesday	8.30 am to 10.30am
Miss. D. A. Sojarani	PAPER- III - VEDIC GEOMETRY 1. Bodhayan Geometry 2. Trigonometry 3 Coordinate geometry 4. Complex numbers 5. History of Indian Mathematics	Friday	8.30 am to 10.30am

First Batch: As per the design of the syllabi, Mathematics teaching faculty members of the college were engaged the lectures. The details are as follows. The course was commenced from 14/1/2019. 30 lectures were engaged. 27 students were enrolled for the first batch. Duration for the first batch was 14/01/19 to 22/02/19.

The exam for batch I was conducted on 28/02/2019. 27 students were enrolled for batch I. Result was declared on 1/03/2019. 27 students passed the exam. Passing percentage is 100 %.

Second Batch: 30 lectures were engaged. 25 students were enrolled for the Second batch .Duration of second batch was 1/03/19 to 5/04/19.

The exam for batch II was conducted on 15/04/2019. 25 students were enrolled for batch II . Result was declared on 20/04/2019. 23 students passed the exam. Passing percentage is 92 %.


Dr. P. P. Khade
Head
Co-ordinator
Department of Mathematics
Value Added Course in Mathematics
Vidyabharati, Chhatrapati Sambhaji Maharaj
Amravati

f) Time Table

Certificate Course in "Vedic Mathematics"

2018-19 (w.e.f. 14/01/2019)

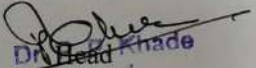
Time Table

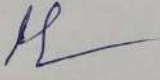
Time	Day	Paper
9.30 am to 10.30 am	Monday (PPK)	Paper I- VEDIC ARITHMETIC
9.30 am to 10.30 am	Tuesday (VNA)	Paper II- VEDIC ALGEBRA
9.30 am to 10.30 am	Wednesday (DAS)	Paper I- VEDIC ARITHMETIC
9.30 am to 10.30 am	Thursday (PPK)	Paper II- VEDIC ALGEBRA
9.30 am to 10.30 am	Friday (VNA)	PAPER- III - VEDIC GEOMETRY
9.30 am to 10.30 am	Saturday (DAS)	PAPER- III - VEDIC GEOMETRY

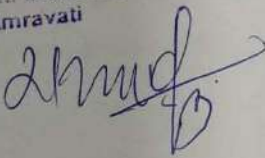
PPK- P. P. Khade

VNA- V.N. Asatkar

DAS- D. A. Sojrani

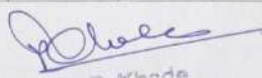

Dr. P. P. Khade
Head
Department of Mathematics
Vidyabharati Mahavidyalaya
Amravati


Principal
Vidyabharati Mahavidyalaya
Amravati



g) Attendance sheet with signature

DEPARTMENT OF MATHEMATICS							
Vedic Maths							
Attendance Register							
S.N.	NAME OF STUDENT	1/3/19	4/3/19	6/3/19	7/3/19	8/3/19	8/3/19
1	NISTANE SAKSHI D.	S.D.Nistane	S.D.Nistane	S.D.Nistane	S.D.Nistane	S.D.Nistane	S.D.Nistane
2	MOHOD SAMIKSHA P.	Firohod	Firohod	Firohod	Firohod	Firohod	Firohod
3	SHAIKH MOSIN SHAIKH MATIN	Shaiakh	Shaiakh	Shaiakh	Shaiakh	Shaiakh	Shaiakh
4	CHANDURE SHWETA D.	@Dandure	@Dandure	@Dandure	@Dandure	@Dandure	@Dandure
5	GHANIWALE SIMRAN R.	Phaniwale	Phaniwale	Phaniwale	Phaniwale	Phaniwale	Phaniwale
6	PACHGADE TEJAL R.	Pachga	Pachga	Pachga	Pachga	Pachga	Pachga
7	PATERIYA VAISHNAVI A.	P	P	P	P	P	P
8	CHAVAN VAISHNAVI P.	Chavan	Chavan	Chavan	Chavan	Chavan	Chavan
9	MAGARDE VAISHNAVI R.	Magarde	Magarde	Magarde	Magarde	Magarde	Magarde
10	DHOMANE PUNAM D	Dhomane	Dhomane	Dhomane	Dhomane	Dhomane	Dhomane
11	JIKATE PRAJAKTA U.	Pujikate	Pujikate	Pujikate	Pujikate	Pujikate	Pujikate
12	ADSOD POOJA R.	Adsod	Adsod	Adsod	Adsod	Adsod	Adsod
13	KITEY VAISHNAVI R.	Kitey	Kitey	Kitey	Kitey	Kitey	Kitey
14	TASKEEN ANJUM S.A.KHAN	Taske	Taske	Taske	Taske	Taske	Taske
15	SHAHEJAD SATTAR KHAN	Sh	Sh	Sh	Sh	Sh	Sh
16	AKHAM SHAHZAD K.U. KHAN	Akham	Akham	Akham	Akham	Akham	Akham
17	HUMA MINHAJ FAHIM AHMAD	Hu	Hu	Hu	Hu	Hu	Hu
18	PADOLE SAMIKSHA P.	Padole	Padole	Padole	Padole	Padole	Padole
19	CHINCHHEDE MRUNALI V.	Chinchhe	Chinchhe	Chinchhe	Chinchhe	Chinchhe	Chinchhe
20	DHAGE SWATI R.	Dhage	Dhage	Dhage	Dhage	Dhage	Dhage
21	BARBUDE ARATI V.	Barbude	Barbude	Barbude	Barbude	Barbude	Barbude
22	GUBARE NIKITA D.	Gubare	Gubare	Gubare	Gubare	Gubare	Gubare
23	DEOLE VRUSHALI J.	Deole	Deole	Deole	Deole	Deole	Deole
24	SONWANE PRIYANKA S.	Sonwane	Sonwane	Sonwane	Sonwane	Sonwane	Sonwane
25	CHOUDHARI CHETANA R.	CR.Choudhari	CR.Choudhari	CR.Choudhari	CR.Choudhari	CR.Choudhari	CR.Choudhari


 Dr. P. P. Khade
 Head
 Department of Mathematics
 Vidyabharati Mahavidyalaya
 Amravati

DEPARTMENT OF MATHEMATICS
Vedic Maths
Attendance Register

S.N.	NAME OF STUDENT	11/3/19	11/3/19	13/3/19	13/3/19	15/3/19	15/3/19
1	NISTANE SAKSHI D.	S.D.Nistane	S.D.Nistane	S.D.Nistane	S.D.Nistane	S.D.Nistane	S.D.Nistane
2	MOHOD SAMIKSHA P. SHAIKH MOSIN SHAIKH MATIN	Sahel	Fahel	Fahel	Sahel	Sahel	Fahel
3	CHANDURE SHWETA D.	Shamasi	Shamasi	Shamasi	Shamasi	Shamasi	Shamasi
4	GHANIWALE SIMRAN R.	SPharisade	SPharisade	SPharisade	SPharisade	SPharisade	SPharisade
5	PACHGADE TEJAL R.	Pachyade	Pachyade	Pachyade	Pachyade	Pachyade	Pachyade
6	PATERIYA VAISHNAVI A.	Pa	Pa	Pa	Pa	Pa	Pa
7	CHAVAN VAISHNAVI P.	Pa	Pa	Pa	Pa	Pa	Pa
8	MAGARDE VAISHNAVI R.	Magarde	Magarde	Magarde	Magarde	Magarde	Magarde
9	DHOMANE PUNAM D	Dh	Dh	Dh	Dh	Dh	Dh
10	GIKATE PRAJAKTA U.	Pulikate	Pulikate	Pulikate	Pulikate	Pulikate	Pulikate
11	ADSOD POOJA R.	Adsod	Adsod	Adsod	Adsod	Adsod	Adsod
12	KITEY VAISHNAVI R.	Kitey	Kitey	Kitey	Kitey	Kitey	Kitey
13	TASKEEN ANJUM S.A.KHAN	Taske	Taske	Taske	Taske	Taske	Taske
14	SHAHEJAD SATTAR KHAN AKHAM SHAHZAD K.U. KHAN	Sh	Sh	Sh	Sh	Sh	Sh
15	HUMA MINHAJ FAHIM AHMAD	Hu	Hu	Hu	Hu	Hu	Hu
16	PADOLE SAMIKSHA P.	Padole	Padole	Padole	Padole	Padole	Padole
17	CHINCHKHEDE MRUNALI V. DHAGE SWATI R.	Mhinchk	Mhinchk	Mhinchk	Mhinchk	Mhinchk	Mhinchk
18	BARBUDE ARATI V.	Barbude	Barbude	Barbude	Barbude	Barbude	Barbude
19	GUBARE NIKITA D.	Gubare	Gubare	Gubare	Gubare	Gubare	Gubare
20	DEOLE VRUSHALI J.	Deole	Deole	Deole	Deole	Deole	Deole
21	SONWANE PRIYANKA S.	Sonane	Sonane	Sonane	Sonane	Sonane	Sonane
22	CHOUDHARI CHETANA R.	C.R.Choudhari	C.R.Choudhari	C.R.Choudhari	C.R.Choudhari	C.R.Choudhari	C.R.Choudhari
23							
24							
25							

Dr. Chela

Dr. Chela
 Head
 Department of Mathematics
 Government College, Warananagar
 Warananagar, Maharashtra

DEPARTMENT OF MATHEMATICS

Vedic Maths Attendance Register

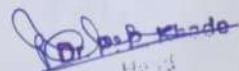
NAME OF STUDENT	18/2/19	19/2/19	20/2/19	21/2/19	22/2/19	23/2/19
NISTANE SAKSHI D.	S.D.Nistane	S.D.Nistane	S.D.Nistane	S.D.Nistane	S.D.Nistane	S.D.Nistane
MOHOD SAMIKSHA P.	Final	Final	Final	Final	Final	Final
SHAIKH MOSIN SHAIKH MATIN	Shai	Shai	Shai	Shai	Shai	Shai
CHANDURE SHWETA D.	Chandure	Chandure	Chandure	Chandure	Chandure	Chandure
GHANIWALE SIMRAN R.	Phaniwale	Phaniwale	Phaniwale	Phaniwale	Phaniwale	Phaniwale
PACHGADE TEJAL R.	Pachga	Pachga	Pachga	Pachga	Pachga	Pachga
PATERIYA VAISHNAVI A.	P	P	P	P	P	P
CHAVAN VAISHNAVI P.	Chavan	Chavan	Chavan	Chavan	Chavan	Chavan
MAGARDE VAISHNAVI R.	Magarde	Magarde	Magarde	Magarde	Magarde	Magarde
DHOMANE PUNAM D	Dhomane	Dhomane	Dhomane	Dhomane	Dhomane	Dhomane
JIKATE PRAJAKTA U.	Pujate	Pujate	Pujate	Pujate	Pujate	Pujate
ADSOD POOJA R.	Adsod	Adsod	Adsod	Adsod	Adsod	Adsod
KITEY VAISHNAVI R.	Kitey	Kitey	Kitey	Kitey	Kitey	Kitey
TASKEEN ANJUM S.A.KHAN	Taske	Taske	Taske	Taske	Taske	Taske
SHAHEJAD SATTAR KHAN	S	S	S	S	S	S
AKHAM SHAHZAD K.U. KHAN	Akham	Akham	Akham	Akham	Akham	Akham
HUMA MINHAJ FAHIM AHMAD	H	H	H	H	H	H
PADOLE SAMIKSHA P.	Padole	Padole	Padole	Padole	Padole	Padole
CHINCHKHEDE MRUNALI V.	Chinckhe	Chinckhe	Chinckhe	Chinckhe	Chinckhe	Chinckhe
DHAGE SWATI R.	Dhage	Dhage	Dhage	Dhage	Dhage	Dhage
BARBUDE ARATI V.	Barbude	Barbude	Barbude	Barbude	Barbude	Barbude
GUBARE NIKITA D.	Gubare	Gubare	Gubare	Gubare	Gubare	Gubare
DEOLE VRUSHALI J.	Deole	Deole	Deole	Deole	Deole	Deole
SONWANE PRIYANKA S.	Sonwane	Sonwane	Sonwane	Sonwane	Sonwane	Sonwane
CHOUDHARI CHETANA R.	Choudhari	Choudhari	Choudhari	Choudhari	Choudhari	Choudhari

Police

Dr. P. P. ...
Head
Department of ...
... ..

DEPARTMENT OF MATHEMATICS
Vedic Maths
Attendance Register

NAME OF STUDENT	25/3/19	25/3/19	27/3/19	27/3/19	29/3/19	29/3/19
NISTANE SAKSHI D.	S.D. Nistane	S.D. Nistane	S.D. Nistane	S.D. Nistane	S.D. Nistane	S.D. Nistane
2 MOHOD SAMIKSHA P.	Finhal	Finhal	Finhal	Finhal	Finhal	Finhal
3 SHAIKH MOSIN SHAIKH MATIN	Shk mosin	Shk mosin	Shk mosin	Shk mosin	Shk mosin	Shk mosin
4 CHANDURE SHWETA D.	Salkhande	Salkhande	Salkhande	Salkhande	Salkhande	Salkhande
5 GHANIWALE SIMRAN R.	Phaniwale	Phaniwale	Phaniwale	Phaniwale	Phaniwale	Phaniwale
6 PACHGADE TEJAL R.	Pachga	Pachga	Pachga	Pachga	Pachga	Pachga
7 PATERIYA VAISHNAVI A.	P	P	P	P	P	P
8 CHAVAN VAISHNAVI P.	Chavan	Chavan	Chavan	Chavan	Chavan	Chavan
9 MAGARDE VAISHNAVI R.	Magarde	Magarde	Magarde	Magarde	Magarde	Magarde
10 DHOMANE PUNAM D	Dhomane	Dhomane	Dhomane	Dhomane	Dhomane	Dhomane
11 JIKATE PRAJAKTA U.	Jikate	Jikate	Jikate	Jikate	Jikate	Jikate
12 ADSOD POOJA R.	Adsod	Adsod	Adsod	Adsod	Adsod	Adsod
13 KITEY VAISHNAVI R.	Kitey	Kitey	Kitey	Kitey	Kitey	Kitey
14 TASKEEN ANJUM S.A.KHAN	Taske	Taske	Taske	Taske	Taske	Taske
15 SHAHEJAD SATTAR KHAN	Shah	Shah	Shah	Shah	Shah	Shah
16 AKHAM SHAHZAD K.U. KHAN	Akham	Akham	Akham	Akham	Akham	Akham
17 HUMA MINHAJ FAHIM AHMAD	Huma	Huma	Huma	Huma	Huma	Huma
18 PADOLE SAMIKSHA P.	Padole	Padole	Padole	Padole	Padole	Padole
19 CHINCHKHEDE MRUNALI V.	Chinck	Chinck	Chinck	Chinck	Chinck	Chinck
20 DHAGE SWATI R.	Dhage	Dhage	Dhage	Dhage	Dhage	Dhage
21 BARBUDE ARATI V.	Barbud	Barbud	Barbud	Barbud	Barbud	Barbud
22 GUBARE NIKITA D.	Gubare	Gubare	Gubare	Gubare	Gubare	Gubare
23 DEOLE VRUSHALI J.	Deole	Deole	Deole	Deole	Deole	Deole
24 SONWANE PRIYANKA S.	Sonwane	AB	Sonwane	Sonwane	Sonwane	AB
25 CHOUDHARI CHETANA R.	Ch	Ch	Ch	Ch	Ch	Ch


 Head
 Department of Mathematics
 Vidyaharan Mahavidyalaya
 Amravati

DEPARTMENT OF MATHEMATICS
Vedic Maths
Attendance Register

S.N.	NAME OF STUDENT	1/4/19	1/4/19	3/4/19	3/4/19	5/4/19	5/4/19
1	NISTANE SAKSHI D.	S.D.Nistane	S.D.Nistane	S.D.Nistane	S.D.Nistane	S.D.Nistane	S.D.Nistane
2	MOHOD SAMIKSHA P.	Mohod	Mohod	Mohod	Mohod	Mohod	Mohod
3	SHAIKH MOSIN SHAIKH MATIN	Shaikh	Shaikh	Shaikh	Shaikh	Shaikh	Shaikh
4	CHANDURE SHWETA D.	Chandure	Chandure	Chandure	Chandure	Chandure	Chandure
5	GHANIWALE SIMRAN R.	Ghaniwale	Ghaniwale	Ghaniwale	Ghaniwale	Ghaniwale	Ghaniwale
6	PACHGADE TEJAL R.	Pachgade	Pachgade	Pachgade	Pachgade	Pachgade	Pachgade
7	PATERIYA VAISHNAVI A.	Pateriya	Pateriya	Pateriya	Pateriya	Pateriya	Pateriya
8	CHAVAN VAISHNAVI P.	Chavan	Chavan	Chavan	Chavan	Chavan	Chavan
9	MAGARDE VAISHNAVI R.	Magarde	Magarde	Magarde	Magarde	Magarde	Magarde
10	DHOMANE PUNAM D	Dhomane	Dhomane	Dhomane	Dhomane	Dhomane	Dhomane
11	JIKATE PRAJAKTA U.	Jikate	Jikate	Jikate	Jikate	Jikate	Jikate
12	ADSOD POOJA R.	Adsod	Adsod	Adsod	Adsod	Adsod	Adsod
13	KITEY VAISHNAVI R.	Kitey	Kitey	Kitey	Kitey	Kitey	Kitey
14	TASKEEN ANJUM S.A.KHAN	Taskeen	Taskeen	Taskeen	Taskeen	Taskeen	Taskeen
15	SHAHEJAD SATTAR KHAN	Shahejad	Shahejad	Shahejad	Shahejad	Shahejad	Shahejad
16	AKHAM SHAHZAD K.U. KHAN	Akham	Akham	Akham	Akham	Akham	Akham
17	HUMA MINHAJ FAHIM AHMAD	Huma	Huma	Huma	Huma	Huma	Huma
18	PADOLE SAMIKSHA P.	Padole	Padole	Padole	Padole	Padole	Padole
19	CHINCHKHEDE MRUNALI V.	Chinchkhede	Chinchkhede	Chinchkhede	Chinchkhede	Chinchkhede	Chinchkhede
20	DHAGE SWATI R.	Dhage	Dhage	Dhage	Dhage	Dhage	Dhage
21	BARBUDE ARATI V.	Barbude	Barbude	Barbude	Barbude	Barbude	Barbude
22	GUBARE NIKITA D.	Gubare	Gubare	Gubare	Gubare	Gubare	Gubare
23	DEOLE VRUSHALI J.	Deole	Deole	Deole	Deole	Deole	Deole
24	SONWANE PRIYANKA S.	Sonwane	Sonwane	Sonwane	Sonwane	Sonwane	Sonwane
25	CHOUDHARI CHETANA R.	C.R.Choudhari	C.R.Choudhari	C.R.Choudhari	C.R.Choudhari	C.R.Choudhari	C.R.Choudhari


P. R. P. Khade
 Department of Mathematics
 Vidyabharati Mahavidyalaya
 Aniravati

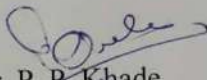
h) Schedule of the Examination

Vidya Bharati Mahavidyalaya, Amravati
Department of Mathematics
Academic Session 2018-19
NOTICE

All the students of M. Sc. I who have admitted to the "*Value Added Course in Vedic Mathematics*" are hereby informed that their Theory Examination will be held on 20/04/2019 in the Classroom T2, Third Floor at 11 am.

The students should reach before half an hour the scheduled time.

Date: 13/04/2019


Dr. P. P. Khade
Head
Department of Mathematics
Vidyabharati Mahavidyalaya
Amravati

Vidya Bharati Mahavidyalaya, Amravti

Department of Mathematics

Test on Vedic Maths

Time: 1 Hr.

Max Marks: 30

Q.1. Find x if $3569 \times 2387 \times 5389 = x$

- a) 3×10^{10} b) 5×10^5 c) 3×10^7 d) 5×10^{10}

Q.2 The value of $\sqrt{6 \frac{30}{289}}$

- a) $2 \frac{8}{17}$ b) $\frac{8}{17}$ c) $3 \frac{4}{17}$ d) $\frac{4}{17}$

Q.3 The value of $0.2 + 2 \times (0.02)^2 - 3 \times (0.2)^3 = ?$

- a) 0.1762 b) 0.1768 c) 0.1663 d) 0.1668

Q.4 The value of $64^{-\frac{2}{3}} \times \frac{1^{-2}}{4} \equiv ?$

- a) 3 b) 2 c) 1 d) 0

Q.5 Find the unit digit of 2^{100}

- a) 3 b) 2 c) 4 d) 8

Q.6 28% of $450 + 45\%$ of $280 = ?$

- a) 230 b) 252 c) 272 d) 213

Q.7 Find $\frac{m}{n}$ if $\frac{5m-4n}{5m+4n} = \frac{1}{4}$

- a) $\frac{3}{4}$ b) $\frac{2}{3}$ c) 0 d) $\frac{4}{3}$

Q.8 What is the average of numbers 70, 63, 72, 81, 74, ?

- a) 72 b) 74 c) 64 d) 68

Question paper

Q.9 The value of $3.\overline{36} - 2.\overline{05} + 1.\overline{33} = ?$

- a) $2.\overline{06}$ b) $2.\overline{64}$ c) $2.\overline{36}$ d) $2.\overline{69}$

Q.10. Find $\sqrt{13} + \sqrt{1300} + \sqrt{0.013} = ?$

- a) 36.036 b) 36.873 c) 37.304 d) 37.076

Q.11. Find the length of side AC if length of AB is 2 cm & angle C is 30°

- a) 4 b) $2\sqrt{3}$ c) 2 d) None

Q.12 Let P & Q be the points on the line joining A(-2,5) & B(3,1) such that AP=PQ=QB then mid point of PQ is

- a) $(1/2, 3)$ b) $(-1/4, 4)$ c) $(2, 3)$ d) $(-1, 4)$

Q.13 The points (-1,1) & (1,-1) are symmetric about the line

- a) $y+x=0$ b) $y=x$ c) $x+y=1$ d) Not

Q.14. Equation of line joining (-1, 3) & (4,-2) is

- a) $x+y-1=0$ b) $x+y+1=0$ c) $x+y+2=0$ d) $x+y-2=0$

Q.15 The equation $ax+by+c=0$ represents a line parallel to X-axis if

- a) $a=0, b=0$ b) $a=0, b \neq 0$ c) $a \neq 0, b=0$ d) $c=0$

Q.16 $\tan^2 x = ?$

- a) $\frac{1+\cos 2x}{1-\cos 2x}$ b) $\frac{1-\cos 2x}{1+\cos 2x}$ c) $\frac{1+\sin 2x}{1+\cos 2x}$ d) $\frac{1+\sin 2x}{1-\cos 2x}$

Q.17 $(1 - \sin A)(1 + \sin A) = ?$

- a) $(\sec A - \tan A)$ b) $(\sec A - \tan A)^2$ c) $(\sec A + \tan A)$ d) $(\sec A + \tan A)^2$

Q.18 Period of $\sin 2x$ is

- a) 2π b) 3π c) π d) None

Q.19 Value of $\sec 300^\circ$ is

- a) 0.5 b) -1 c) 0 d) 2

Q.20 $\tan^4 x + \tan^2 x = ?$

- a) $\sec^4 x - \sec^2 x$ b) $\sec^4 x + \sec^2 x$ c) $\sec^4 x - \tan^2 x$ d) None

Q.21 Find the value of $\frac{1}{19}$

- a) 0.526815789473684221 b) 0.052681578947368421

- c) 0.052631578947368421 d) 0.05189473684214231

Q.22 Find the square of the 195

- a) 38025 b) 30625 c) 34225 d) 36225

Q.23 The value of $98 \times 97 = ?$

- a) 9567 b) 9876 c) 9823 d) 9506

Q.24 The square root of 47 is

- a) 6.76 b) 6.85 c) 6.86 d) 6.87

Q.25 The roots of equation $x^3 - 7x^2 + 11x - 5 = 0$ are

- a) 0,2,3 b) 1,2,5 c) 1,1,5 d) 1,2,4

Q.26 The value of $9996 \times 9997 = ?$

- a) 99801012 b) 99930012 c) 99830012 d) 98930012

Q.27 Find x if $\left(\frac{x}{36} \div \frac{3}{4}\right) \div \left(\frac{35}{45} \div \frac{5}{9}\right) = \frac{1}{63}$

- a) $\frac{1}{5}$ b) $\frac{2}{5}$ c) $\frac{3}{5}$ d) $\frac{7}{27}$

Q.28 Complete the number pattern 11, 23, 48,99 , 409,

- a) 198,804 b) 202,824 c) 202,824 d) 198,824

Q.29 The cube of 79 is

- a) 493939 b) 498399 c) 493039 d) 492339

Q.30 If $56:72 :: 90:x$ then $x =$

- a) 96 b) 97 c) 100 d) 110
-

i) Result

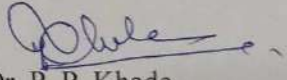
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Department of Mathematics
Academic Session 2018-19

Mark sheet

S.N	Name	Marks (Out of 30)
1	AATIF ANWAR ABDUL RASHID	25
2	TIRKEY AKANSHA MICHAEL	27
3	AMREEN NAAZ MUMTAZ ALI	23
4	APRADHE ANURADHA DATTATRAY	29
5	SINHE ANUSHREE LAXMANRAO	24
6	ARSHIYA NAAZ ABDUL KALEEM	25
7	PACHGHARE DARSHANA PRABHAKARRAO	24
8	CHITRAKAR DHARMARAJ ARVIND	24
9	NAGE GAYATRI SANJAY	25
10	JEBA KAUSAR ISHAT SHEKH	26
11	ZADE JIVESHWAR PRADIP	28
12	AGRAWAL KESHAV JAIPRAKASH	23
13	SAHU KOMAL SHIVKUMAR	23
14	BELE LATIKA MOHANRAO	22
15	BHUYAR MANJIRI ASHOKRAO	24
16	DHOBAL MAYURI MMADHUKARRAO	25
17	PACHGHARE MAYURI SANJAYRAO	26
18	BELE PALLAVI RAJANDRARA0	26
19	SHEKHAWAT PINKEY BHANWARSINGH	26
20	KANDALKAR PRACHI VASANTRAO	25
21	IKHAR PRANJALI NARANDRA	22
22	AMBULKAR PRATIKSHA DNYANESHWAR	27
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24	LOKHANDE RASHMI VIJAY	29
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26	JADHAV RUPALI DIPAK	25
27	BHATTI RUSHALI HASMUKH	24
28	NISTANE SAKSHI DEVENDRA	27
29	MOHOD SAMIKSHA PRADIPRAO	24
30	SHAIKH MOSIN SHAIKH MATIN	24
31	CHANDURE SHWETA DILIPRAO	23
32	GHANIWALE SIMRAN RAFIK	26
33	PACHGADE TEJAL RAMESHWAR	27
34	PATERIYA VAISHNAVI AJAY	26

35	CHAVAN VAISHNAVI PRADYUMNA	2
36	MAGARDE VAISHNAVI RAJENDRA	27
37	DHOMANE PUNAM DAMODHAR	26
38	JIKATE PRAJAKTA UTTAMRAO	25
39	ADSOD POOJA RAVIKANT	24
40	KITEY VAISHNAVI RAVINDRA	24
41	TASKEEN ANJUM SHAKIL AHMAD KHAN	24
42	SHAHEJAD KHAN SATTAR KHAN	23
43	AKHAM SHAHZAD KHALIQ ULLAH KHAN	25
44	HUMA MINHAI FAHIM AHMAD	26
45	PADOLE SAMIKSHA PRASHANT	26
46	CHINCHKHEDE MRUNALI VVIJAYRAO	25
47	KADU SHRUTIKA SURESHRAO	5
48	DHAGE SWATI RAMHARI	21
49	BARBUDE ARATI VINOD	25
50	GUBARE NIKITA DILIPRAO	26
51	DEOLE VRUSHALI JAGDISHRAO	25
52	CHOUDHARI CHETANA RAJESH	23

Date: 2/05/2019


Dr. P. P. Khade

Head
Department of Mathematics

j) Distribution of certificates

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Department of Mathematics

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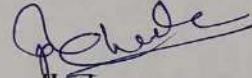
Sr. No.	Name of Student	Certificate Received
1	Komal. S. Sahu.	<u>Sahu</u>
2	Ky. Samiksha P. Padole	<u>Padole</u>
3	Dagshana P. Pachghare	D. P. Pachghare
4	Simran R. Ghaniwale	<u>SPhaniwale</u>
5	Rupali D. Tadhar	<u>Tadhar</u>
6	Shweta D. Chandure	<u>Shchandure</u>
7	samiksha P. Mohod	<u>Mohod</u>
8	Tejal R. Pachgade	<u>Pachgade</u>
9	Manjiri A. Bhuyar.	<u>Bhuyar</u>
10	vaishnavi Magarde.	<u>Magarde</u>
11	Amreen Naaz Ali	<u>Amreen</u>
12	Atif Anwar	<u>Atif</u>
13	Roshina Maheshv	<u>Roshina</u>
14	Ka. Pratiasha D. Ambulkar	<u>Pratiasha</u>
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17	swati R. Dhage	<u>SDhage</u>
18	Keghar Agawal	<u>K. Agawal</u>
19	Taskeen Anjum shakeel Ah. Shah	<u>Taskeen</u>
20	Guytri sanjay Nage	<u>Nage</u>

21	Ku. Veereshali J. Deole	Deole
22	Ku. Mayuri M. Dhobale	Dhobale
23	Huma Minhaj F. Ahmad	...
24	Ku. Chetana Rajesh Choudhari	C.R. Choudhari
25	Shahejad Khan Sattar Khan	} ...
26	Abkarn Shahzad Khan	
27	Rashmi V. Lokhande	R Lokhande
28	Anuradha D. Apradhe	Apradhe
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30	Mayuri S. Pachghare	MSP.
31	Azati V. Barchude	Barchude
32	Pallavi R. Bele	PBele
33	Latika M. Bele	Latikabele
34	Pratiksa S. Bele	PBele
35	Varshnavi R. Kitey	VKitey
36	Dharmaraj Chitambar	D.C.
37	Punam D. Dhore	Punam
38	Rushali H. Bhatti	RHBhatti
39	Akansha M. Tarkar	Akansha
40	Jeba Kausar	Jeba
41	Pooja R. Adsod	Pooja
42	S.K. Moan	S.K.
43	pooja R. Adsod	Pooja
44	Mrunali V. Chinchkhale	MChinchkhale
45	Nikita Gubare	Nikita

46	Poochi V. Kandalkar	Poochi
47	Anushi L. Sinhe	Alsinhe
48	Sakshi D. Nistane	Nistane
49	Vaishnavi D. Patil	Patil
50	Prajakta U. Jikate	Jikate

Teacher :

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- 2)
- 3)
- 4)
- 5)


Head

Dr. P. P. Khade
Department of Mathematics
Head
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has successfully completed the prescribed course of studies and passed the *Certificate Course* in *Vedic Mathematics* run by the department of Mathematics from 14/01/2019 to 22/02/2019 in the academic year 2018-19.

(Dr. F. C. Khade)
Course Coordinator &
Head, Department of Mathematics

(Dr. F. C. Raghuvanshi)
Principal
VBMV, Amravati

Dr. R. M. Patil
Co-ordinator
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