

### **3. Horticulture and Floriculture Biotechnology -**

Duration : Nine Months

Eligibility : B.Sc.

Post Graduate Diploma in Horticulture aims at study of different aspects of horticulture. The beauty of the course lies in the fact that one can be assured of self-employment in any of the major topics of horticulture that have been discussed below in brief. Horticulture is a vast field and has tremendous scope for monetary returns. Study of vegetable growing is one of the most important topics that will be dealt in detail keeping its commercial importance in view. Commercial cultivation of flowers has recently turned out to be a subject of great interest as it ensures quick monetary gains and above all, adds to the beauty of the nature. Spices, condiments, medicinal and aromatic plants have been a source of revenue since past and their importance is increasing these days for their medicinal properties and due to the fact that their use doesn't have any adverse side effects. Post harvest management covers study of maturity, harvesting and handling in relation to the shelf life and quality of fruits, vegetables and flowers. Functional uses of garden design, home landscaping, school garden, urban, state and national parks, industrial landscaping, roadside planting, rock gardens, lawns have been included in landscape gardening. Besides, the students are prepared in the techniques of Bonsai, Ikebana, Composting and Bio-fertilizers. Greenhouse technology and plant tissue culture are very popular these days and due coverage has been given to them in the course. Visits to nurseries aim at acquaintance with propagation techniques.

#### 4. Applications of Statistics

Duration : Nine Months

Eligibility : B.A. / B.Com. / B.Sc.

Indian Pharmaceutical industry has long proved its mite both at national and international arena. Typically a new drug takes about one and half decades of R & D to reach the market. An important phase in the drug development process is demonstration of safety and efficacy of the drug in humans. This is achieved by conducting clinical trials involving a team of experts from medicine, chemistry, biochemistry, pharmacy, and biostatistics and from regulatory agencies. A typical multi-centered clinical trial may involve coordination of study centers stretched across various parts within a country and various study centers across the globe. The success of such trials is largely based on the quality of trial monitoring, quality of data acquisition and quality of data evaluation. Biostatistics plays an important role in ensuring integrity of data acquisition, data management and data evaluation. It is therefore very important for all the experts involved in a clinical trial to be oriented to best statistical practices. Compliance to Good Laboratory Practices (GLP) and Good Clinical Practices (GCP) is a must for all trials to ensure reliable and authentic results being generated in such studies. This course is an interdisciplinary programme to generate such expertise among science graduates. Though industry uses sophisticated instruments in QC and drug development, there is a dire need of technical personnel with an overall expertise in various evaluation techniques, especially biostatistics to be able to come up with meaningful conclusions.

The proposed Course has been planned to address this need of trained personnel. The programme aims:

1. To give advanced knowledge of Biostatistics.
2. To provide training for evaluating and managing Clinical Trial Data.
3. To provide hands on training in sophisticated Statistical Software.
4. To provide orientation in practice of latest GLP and GCP guidelines.
5. To generate a team of trained professionals who can provide data management services in the drug industry.

The training will also include use and maintenance of related software and statistical packages.

## 5. Post Graduate Diploma in Plant Tissue Culture -

Duration : Six Months

Eligibility : B.Sc. – Biological Sciences

Plant tissue culture is an emerging and challenging field for science graduates having Botany, Horticulture and Microbiology as special subjects. Today there are more than 600 Biotech industries in private sector where there is regular demand for skilled manpower in this field. There are about 50 floriculture units, which are producing tissue culture plants in huge quantities; but usually face acute shortage of trained staff in plant tissue culture. After completing this diploma, students can get jobs in agriculture, horticulture, floriculture, pharmacy and related fields.

This course is meant for graduates in Biological Sciences, especially offering Botany as a major subject. The Course duration is 6 months and there will be more stress given on practical orientation.

## 5. Post Graduate Diploma in Statistics for Life Sciences-

Duration : Nine Months

Eligibility : B.Sc. - Life Sciences

*“Statistical thinking will one day be as necessary for efficient citizenship as the ability to read and write.” — H.G. Wells*

Statistics is a science which deals with collection, tabulation, presentation, analysis, and interpretation of the data.

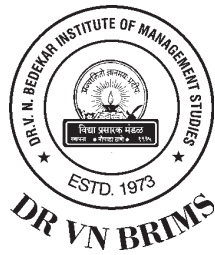
Biostatistics is the application of statistics to a wide range of topics in biology. The science of biostatistics encompasses the design of biological experiments, especially in medicine and agriculture; the collection, summarization, and analysis of data from those experiments; and the interpretation of, and inference from, the results. Biostatistical reasoning and modeling were of critical importance to the foundation theories of modern biology. In the early 1900s, after the rediscovery of Mendel's work, the conceptual gaps in understanding between genetics and evolutionary Darwinism led to vigorous debate between biometricians such as Walter Weldon and Karl Pearson and Mendelians such as Charles Davenport, William Bateson and Wilhelm Johannsen. By the 1930s statisticians and models built on statistical

reasoning had helped to resolve these differences and to produce the neo-Darwinian modern evolutionary synthesis.

Almost all educational programmes in biostatistics are at postgraduate level. Whenever the data is collected the data has to be analyzed for which basic knowledge of statistics is necessary. Hence, the course is designed to teach the basic concepts of statistical analysis.

### SEMINARS, CONFERENCES AND WORKSHOPS

TITLE OF SEMINARS / CONFERENCES / WORKSHOPS	DATES
Interaction Between Education and Industry	18 <sup>th</sup> January 1996
Relevance of ISO 9000 to Education	1 <sup>st</sup> March 1997
Standardization and Validation of Ayurvedic Formulations	7 <sup>th</sup> January 2000
Intellectual Property Rights (IPR)	27 <sup>th</sup> April 2001
Opportunities in Horticulture	22 <sup>nd</sup> January, 2005



**Dr. V. N. Bedekar Institute of  
Management Studies, Thane  
(Dr. VN BRIMS)**

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Thane (W) - 400 601  
Maharashtra, India.

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Email : vnbrims@vpmthane.org  
Website : www.vpmthane.org

## **VISION**

To be amongst the top five management institutes in the country and become the World-class centre of excellence in learning and innovation, driven by social sensitivity and State-of-the-Art technology.

## **MISSION**

To propagate knowledge to society to the best of our ability

To standardize and institutionalize the academic environment

To develop promising managers by nurturing their skills

To facilitate and empower knowledge with practical approach, while imbining human values

## **ABOUT THE INSTITUTE**

The management institute was established on 3<sup>rd</sup> July 1973 and was then known as Department of Management Studies. Launched in the academic year 2005-2006, Dr. V.N. BRIMS has made every effort to provide quality management education to its students. An effort is made to develop a right balance between different competencies viz. hard and soft skills. Thus, the management students at Dr. V. N. BRIMS go through tough quality standards with respect to academic inputs, exposure to practices of management in business and industry through visiting faculty and full time faculty who have rich hands-on industry experience. In June 2008, Dr. V.N. BRIMS received ISO 9001-2000 certification for Education and Research in the field of Management.

## Dr. V.N. BRIMS

NAME OF THE COURSE	ELIGIBILITY	AFFILIATION	DURATION
Masters in Management Studies (MMS)	Graduate in any faculty and admissions through DTE-CAP rounds	University of Mumbai	2 years full time
Advance Diploma in Business Management and Sciences (ADBMS)	Graduate in any faculty	Maharashtra State Board of Technical Education (MSBTE)	2 years full time
Post Graduate Diploma in Pharmaceutical Business Management (PGDPBM)	Graduate in any faculty	Maharashtra State Board of Technical Education (MSBTE)	1 year full time

## AUTONOMOUS COURSES IN MANAGEMENT

Executive Program in Management Business and Administration (EpMBA)	Graduate and 2 years working experience	Autonomous Course	2 years weekend program
Executive Program in Management Business and Administration (EpMBA) Pharma	Graduate and 2 years working experience	Autonomous Course	2 years weekend program
IPR Certificate Course	Graduate	Autonomous Course	1 year weekend program

**STUDENTS STRENGTH:- Around 300**

- ☆ Holistic development of students personalities
- ☆ Value based education
- ☆ Focus on Indian Heritage and Management
- ☆ Focus on Research and Development in Management
- ☆ Erudite full-time teaching staff, many with Industry experience
- ☆ State-of-the-art IT Centre
- ☆ Pre-placement Talks

**CLASSROOMS**

Every classroom is well equipped with modern teaching aids such as LCD and overhead projectors.

**LIBRARY**

The library holds a rich collection of books, research reports, magazines, journals and periodicals. It is stocked with over 6990 books and subscribes to 92 (national and international) journals, 15 newspapers and 12 on line databases for social sciences and management. Databases with search services like EBSCO and JSTOR, RBI publications, e-library are other facilities. External membership facility and extensive library work hours (7am to 11pm) enable students to gain knowledge according to their convenience. The collection is updated as per the requests made by different users. The library is also equipped with 22 computers for better connectivity and several Wi-Fi network outlets to enable the use of laptops.

**IT CENTRE**

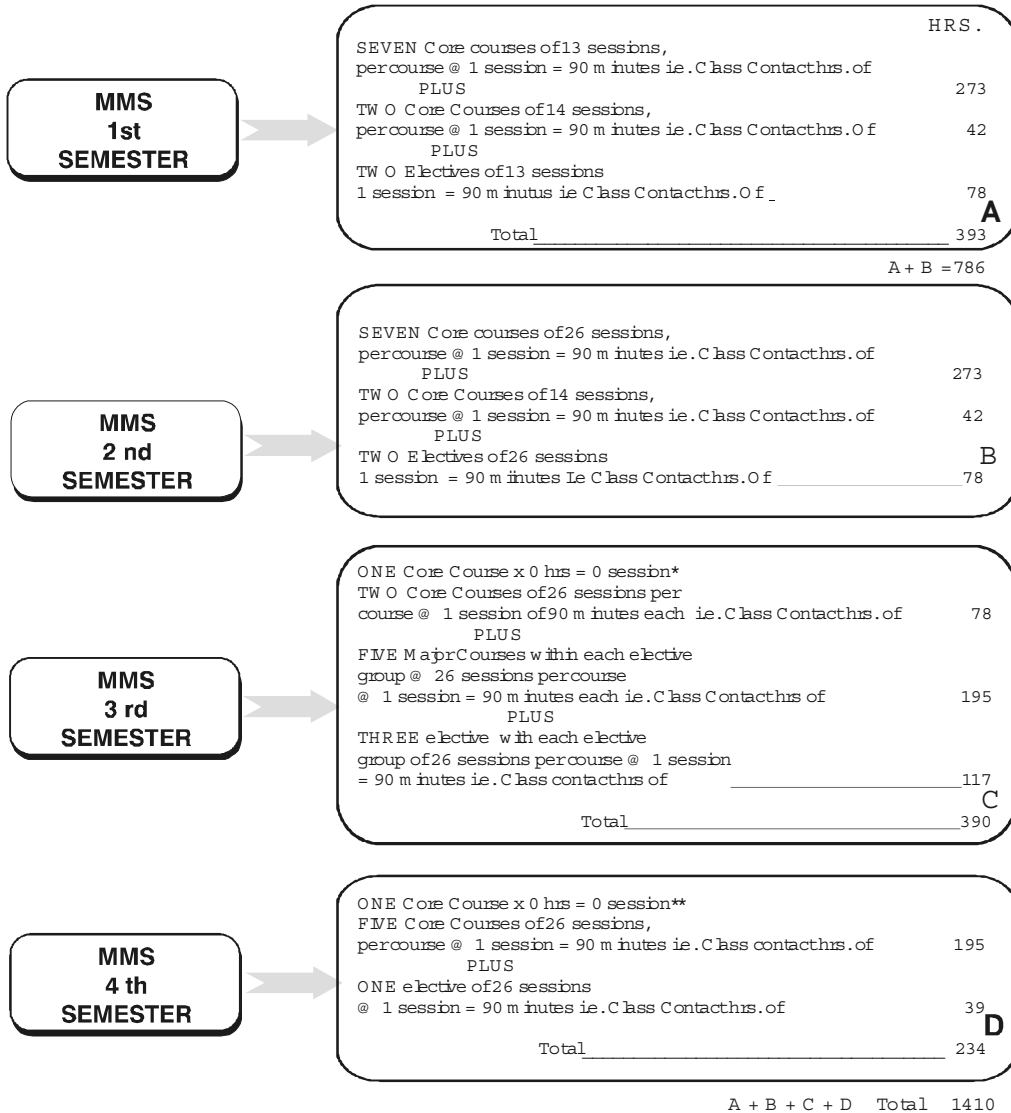
Dr. V. N. BRIMS has a State-of-the-Art IT Centre with 56 computers and all other facilities to make learning an enjoyable experience. It accommodates 100 students at a time and is provided with dedicated leased lines for uninterrupted Wi-Fi network connectivity



<b>TITLE OF SEMINARS / CONFERENCES / WORKSHOPS</b>	<b>DATES</b>	<b>NATIONAL / STATE LEVEL</b>
Can India Be An Asian Tiger by 2020	23 <sup>rd</sup> April, 2005	Seminar
Union Budget	4 <sup>th</sup> March, 2006	Seminar
Corporate Governance	11 <sup>th</sup> March, 2006	Seminar
Challenges for Indian Multinationals	18 <sup>th</sup> March, 2006	Workshop
Challenges for Indian Multinationals	17 <sup>th</sup> May, 2006	Seminar
Union Budget	3 <sup>rd</sup> March, 2007	Seminar
Paradigm Shift in Advertising	17 <sup>th</sup> March, 2007	Seminar
Transforming India – A Paradigm Shift	24 <sup>th</sup> March, 2007	Seminar
Vision-2050 – India A Super Economic Power	13 <sup>th</sup> October, 2007	Workshop
Advertising	19 <sup>th</sup> January, 2008	Seminar
Vision-2050 – India A Super Economic Power	23 <sup>rd</sup> February, 2008	Seminar
Consolidation-The New Business Mantra	25 <sup>th</sup> October, 2008	Workshop
Consolidation-The New Business Mantra	14 <sup>th</sup> February, 2009	Seminar

## ACADEMIC PROCESS - AN OVERVIEW

### M.M.S. Degree Program - 2007-09



N B : The MMS Course is spread over four semesters @ 13 weeks per semester. A typical course is spread over 13 weeks @ 2 sessions per week ie. 26 sessions of 1.5 hrs each equals 39 hrs per course.  
 \* Summer Internship; \*\*Specialisation Project

**SGS**

Certificate SG08/01834

The management system of

**Dr. V N Bedekar Institute of  
Management Studies  
(Dr. VN BRIMS)**

Jnanadweepa, Chendani, Bunder Road,  
Thane, 400 051, India



has been assessed and certified as meeting the requirements of

**ISO 9001:2000**

For the following activities

**Education and Research in The Field of Management**

Further clarifications regarding the scope of this certificate and the applicability of  
ISO 9001:2000 requirements may be obtained by consulting the organization.

This certificate is valid from 30 June 2008 until 29 June 2011 and  
remains valid subject to satisfactory surveillance audits.  
Re certification audit due before 07/05/2011  
Issue 1. Certified since 30 June 2008

Authorized by

A handwritten signature in black ink, appearing to be 'R. G.' or similar.



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*"The longer I live, the more I realize the impact of attitude on life. Attitude, to me, is more important than facts. It is more important than the past, than education, than money, than circumstances, than failures, than successes, than what other people think or say or do. It is more important than appearance, giftedness or skill. It will make or break a company ... a church... a home. The remarkable thing is that we have a choice everyday regarding the attitude we embrace for that day. We cannot change our past... we cannot change the fact that people will act in a certain way. We cannot change the inevitable. The only thing we can do is play on the one string we have, and that is our attitude. I am convinced that life is 10% what happens to me and 90% how I react to it. And so it is with you... we are in charge of our ATTITUDES."*

*"There will be a road  
It will not connect two points  
It will connect all points  
Its speed limit will be the speed of light  
It will not go from here to there  
There will be no more there  
We will all only be here."*

*1994 Television Ad  
recited by Academy Award  
Winner Anna Paquin*

VPM 's (Thane)  
Group of Institutions

## **List of Annexures**

- ☞ Annexure I - Seminars / Conferences / Workshops
- ☞ Annexure II - List of Publications
- ☞ Annexure III - Statistical Profile

**Annexure - I**  
**K.G. Joshi College of Arts and**  
**N.G. Bedekar College of Commerce**

**National Level**

TITLE OF SEMINARS / CONFERENCES	DATES
Water Management Scenario - 2025	21 <sup>st</sup> January, 2005
Sanganak and Marathi (State Level)	28 <sup>th</sup> January, 2006
Bio-Ethics	24 <sup>th</sup> -25 <sup>th</sup> January, 2007
Indian Philosophy: Its Relevance in 21 <sup>st</sup> Century	18 <sup>th</sup> January, 2008
Post Independence – Indian Literature	16 <sup>th</sup> January, 2009

**B. N. Bandodkar College of Science**

**National Level**

TITLE OF SEMINARS / CONFERENCES	DATES
Creeks, Estuaries and Mangroves - Pollution and Conservation	28 <sup>th</sup> -30 <sup>th</sup> November, 2002
Human Health and Nutrition: A Biotechnological Approach	12 <sup>th</sup> -13 <sup>th</sup> December, 2004
Einstein's Theories and Present Scenario	17 <sup>th</sup> -19 <sup>th</sup> November, 2005
Linux Thane 2006	24 <sup>th</sup> -25 <sup>th</sup> November, 2006
Contaminants in Food and Beverage	6 <sup>th</sup> October, 2007
Wonderful World of Insects	3 <sup>rd</sup> December, 2008

## B. N. Bandodkar College of Science

### Regional Level

TITLE OF SEMINARS / CONFERENCES	DATES
Laboratory Safety	30 <sup>th</sup> January, 2004
Vedic Mathematics	5 <sup>th</sup> December, 2005
Statistics for Non-Statisticians	27 <sup>th</sup> – 29 <sup>th</sup> September, 2005
Financial Mathematics	26 <sup>th</sup> August, 2006
Refreshing Chemistry for Biologist	2006
Environment Education and Bioinformatics	10 <sup>th</sup> - 11 <sup>th</sup> September, 2007

### VPM's Polytechnic

### National Level

TITLE OF SEMINARS / CONFERENCES	DATES
Pollution of Water Bodies in Urban Area	8 <sup>th</sup> August, 2004
Alternative Energy Sources	27 <sup>th</sup> -28 <sup>th</sup> August, 2005
Geo-Informatics	8 <sup>th</sup> -9 <sup>th</sup> December, 2006
Innovations in Safety, Health and Environment	3 <sup>rd</sup> February, 2007
Latest Trends in Nano-Technology	5 <sup>th</sup> January, 2008
Corrosion Prevention through Advanced Technologies	18 <sup>th</sup> October, 2008
Biometrics, RFID, and emerging Technologies for Automatic Identification	10 <sup>th</sup> January, 2009

**Advanced Study Centre**

<b>TITLE OF SEMINARS / CONFERENCES</b>	<b>DATES</b>
Interaction Between Education and Industry	18 <sup>th</sup> January, 1996
Relevance of ISO 9000 to Education	1 <sup>st</sup> March, 1997
Standardization and Validation of Ayurvedic Formulations	7 <sup>th</sup> January, 2000
Intellectual Property Rights (IPR)	27 <sup>th</sup> April, 2002
Opportunities in Horticulture	22 <sup>nd</sup> January, 2006

**Dr. VN BRIMS**

<b>TITLE OF SEMINARS / CONFERENCES</b>	<b>DATES</b>
Can India Be an Asian Tiger by 2020	2 <sup>nd</sup> April, 2005
Union Budget	4 <sup>th</sup> March, 2006
Corporate Governance	11 <sup>th</sup> March, 2006
Workshop on Challenges for Indian Multinationals	18 <sup>th</sup> March, 2006
Seminar on Challenges for Indian Multinationals	17 <sup>th</sup> May, 2006
Union Budget	3 <sup>rd</sup> March, 2007
Paradigm Shift in Advertising	17 <sup>th</sup> March, 2007
Transforming India – A Paradigm Shift	24 <sup>th</sup> March, 2007
Workshop-Vision-2050 – India A Super Economic Power	13 <sup>th</sup> October, 2007
Advertising Seminar	19 <sup>th</sup> January, 2008
Seminar on Vision-2050 – India A Super Economic Power	23 <sup>rd</sup> February, 2008
Workshop – Consolidation-The New Business Mantra	25 <sup>th</sup> October, 2008
Consolidation-The New Business Mantra	14 <sup>th</sup> February, 2009



<b>TITLE OF SEMINARS / CONFERENCES</b>	<b>DATES</b>	<b>ORGANISING INSTITUTION</b>
Mind, Brain and Consciousness	14 <sup>th</sup> 15 <sup>th</sup> January 2010	K.G. Joshi of Arts and N.G. Bedekar College of Commerce
Advancements in Medical Instrumentation	19 <sup>th</sup> September 2009	VPM's Polytechnic
Industrial Safety Practices for Peace, Productivity and Profits	10 <sup>th</sup> October 2009	VPM's Polytechnic
Global Meltdown-Lessons to be learnt	13 <sup>th</sup> February, 2010	Dr. VN BRIMS
Orchid genetic diversity : Conservation & Commercialisation	11 <sup>th</sup> - 12 <sup>th</sup> December, 2009	B.N. Bandodkar College of Science

**Annexure - II****K.G. Joshi College of Arts and  
N.G. Bedekar College of Commerce**

TITLE OF PUBLICATION	YEAR OF PUBLICATION
Water Management Scenario - 2025	2005
Sanganak and Marathi	2006
Bio-Ethics	2007
Indian Philosophy – Its relevance in the 21 <sup>st</sup> Century	2008
Post Independence – Indian Literature	2009

**B. N. Bandodkar College of Science**

TITLE OF PUBLICATION	YEAR OF PUBLICATION
Creeks, Estuaries and Mangroves - Pollution and Conservation	2002
Einstein's Theories and Present Scenario	2005
Linux Thane 2006	2006
Contaminants in Food and Beverage	2007
Wonderful World of Insects	2008

**VPM's Polytechnic**

TITLE OF PUBLICATION	YEAR OF PUBLICATION
Pollution of Water Bodies in Urban Area	2004
Alternative Energy Sources	2005
Geo- Informatics	2006

**Dr. VN BRIMS**

<b>TITLE OF PUBLICATIONS</b>	<b>YEAR OF PUBLICATION</b>
Can India Be An Asian Tiger by 2020	2005
Dr. V.N.Bedekar Memorial Research Volume - I	2006
Event Management Manual	2006
Proceedings of Seminars – 2005-07A Compendium	2007
Dr. V.N. Bedekar Memorial Research Volume - II	2007
Vision-2050 – India A Super Economic Power	2007
India From License Raj To Liberalisation	2007
Union Budget –2008-09 Proceedings of Discussions	2008
Faculty Development Programme Proceedings – Teaching Pedagogy	2008
Quality Manual (Volumes 1,2,3 and 4)	2008
Dr. V.N. Bedekar Memorial Research Volume - III	2009
Faculty Development Programme Proceedings – Pedagogy and Andragogy	2009

TITLE OF PUBLICATIONS	YEAR OF PUBLICATION	EDITORS
Tyacha Velu Gela Gaganavari (Marathi)	2000	Shri. A. D. Tillu
A Seedling Grows into a Tree	2005	Shri. M. N. Patil
Summary of Recent Supreme Court Judgements on Education	2006	Prin. Shri S. W. Gokhale
India Under Siege : A Wake up Call	2009	N. T. Ravidranath

VPM (Thane) publishes a monthly house journal- ***DISHA*** which articulates views on issues of common interest and also presents important events of VPM (Thane) group of institutions in the course of the respective months. Students, teachers and staff contribute to ***DISHA***.

In addition, VPM's Group of institutions bring out their respective 'Annual Magazine'. The annual magazines highlight the activities of the concerned institutions that is to say core educational and co-curricular activities. The accomplishments, achievements and accolades of the respective institutions and its teachers, staff and students during the academic year are presented.

NAME OF THE INSTITUTION	TITLE OF ANNUAL MAGAZINE
Vidya Prasarak Mandal (Thane)	DISHA (Monthly House Journal)
Dr. Bedekar Vidya Mandir (Marathi Medium School)	PARIJATAK
Sou. A.K. Joshi English Medium School	ROSHANI
K.G. Joshi College of Arts and N.G. Bedekar College of Commerce	YUVASHILP
B.N. Bandodkar College of Science	SANYUJA
VPM's TMC Law College	PATRIKA
VPM's Polytechnic	POLYZINE