

Vidyalankar School of Information Technology

Wadala, Mumbai – 400 037.
Affiliated to Mumbai University

**Accreditation – 1st Cycle
Self Study Report (SSR)**

**Submitted to
National Assessment & Accreditation Council, Bangalore.
2014**

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Preface

जाइयं धियो हरति सिञ्चति वाचि सत्यं
मानोन्नतिं दिशति पापमपाकरोति।
चेतः प्रसादयति दिक्षु तनोति कीर्तिं
सत्संगतिः कथय किं न करोति पुंसाम्॥

"Knowledge removes the lethargy of the intellect, invests truth in the speech, enhances the greatness and casts off sin; it cleanses the mind and spreads the fame all around. Tell me, what is not provided to a man, from the company of high thinking and noble souls."

Vidyalankar School of Information Technology (VSIT), a science commerce and management college is located in the heart of metropolitan city of Mumbai, the financial capital of India.

Late Prof. C. S. Deshpande's (Founder, Vidyalankar Dnyanpeeth Trust) basic objective of starting an academic institution was to satisfy the inner urge of guiding eager young minds of students with a missionary zeal and imbibing in the receptive minds of the students, nobler values of life and thereby enhancing their worthiness.

The modern world is now in the process of a technological revolution of enormous scale, entailing significant changes in many production activities. There is an urgent need to upgrade the quality & opportunity of vocational education in India and to provide students with a virtuous cycle of opportunities. In this cycle, good training leads to better jobs, better jobs lead to increased productivity and increased productivity leads to accelerated growth of the Indian economy which, in turn, helps reduce poverty.

Employers increasingly expect graduates to offer not only knowledge and expertise in one subject, but also considerable strength in the personal skills needed to work effectively in organizations. These include communication skills; the ability to work in groups; an understanding of how organizations work; and the ability to work in information technology-intensive work environments. These skills lie at the heart of the business and management studies.

Vidyalankar School of Information Technology (VSIT) brings 21st century technology into learning in meaningful ways and to engage, motivate, and inspire learners of all ages to be global citizens in the true sense. VSIT is committed to be the best. The level of energy of its teachers and staff is well matched by the vibrancy of our student body and community at large. Various activities are designed and conducted in such a way that our long-term vision is attained by day-to-day execution



Principal's Message

“Knowing yourself is the beginning of all wisdom.”
—Aristotle

Vidyalankar School of Information Technology or VSIT as its popularly called is proud to be undertaking this journey of quality enhancement and continuous improvement under the auspices of the National Assessment and Accreditation Council (NAAC).



Our vision is to establish a leading centre of imparting quality education in the field of Science, Commerce and Management. Quality in education requires learners who are well supported by an environment which is promotive, skilled teachers who are passionate and curriculum which encourages holistic development. The concept of a service being "good enough" is considered inadequate. Our goal is to provide the best service to our primary customers—students.

We at VSIT believe that what gets **monitored** gets **controlled** and subsequently gets **improved**. The need for continuous improvement is a necessity for all institutions but more so for a completely unaided institution like ours, to survive in a very competitive city of Mumbai. The Institute has embarked on training staff members to see their jobs not as order processors, but as **value adders**. They are taught to adopt an attitude that puts **quality first** and which refuses to accept second-rate results.

The exercise of preparing our very first Self Study Report (SSR) has been a process of self-reflection and contemplation. The journey has been very fruitful in making us realize our **strengths, fortitude** and **areas of concern**. With great pleasure and humility I am submitting this Self Study Report as step forward in pursuit of quality enhancement.

Dr. Rohini A. Kelkar
Principal

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A

Executive Summary

A**Executive Summary****Criterion I****Curricular Aspects**

Vidyalankar School of Information Technology (VSIT) is affiliated to the University of Mumbai. The college offers undergraduate courses, B.Sc. in Information Technology, Bachelor of Management Studies (BMS), B.Com. in Accounting & Finance (BAF), B.Com. in Banking & Insurance (BBI), B.Com. in Financial Markets (BFM). The college also offers post graduate courses, M.Sc. in Information Technology, Master of Marketing Management (MMM), Master of Financial Management (MFM) and Master of Human Resource Development Management (MHRDM). The curriculums for these courses are updated periodically by the University keeping in mind the vocational nature of these courses.

The faculty members of VSIT regularly participate in the various syllabus revision meetings and workshops and put forth their recommendations and suggestions for curriculum upgradation. We regularly interact with members of Academic Council and Board of Studies through various forums and events providing feedback which has been collected from various stakeholders for improvement. The college has hosted workshops and seminars for syllabus revisions for various subjects in collaboration with the Board of Studies.

Effective implementation of curriculum is vital to the success of all our programmes. This is achieved through our Teaching Learning Plan (TLP) which are developed with a lot of discussion and peer review. A lot of care is taken in providing a detailed TLP including the lecture schedule, content coverage, learning outcomes, teaching aids, methodologies and support required for implementation. VSIT has started a project of digitization of course material with enhancements in which all course material will be made available to students in electronic format with animations and video clips added to increase independent learning.

Academic flexibility is limited within the framework of affiliation systems but to supplement the courses we offer many value-added courses with industry orientation. The syllabus for these value-added courses is developed in-house through a process which takes inputs from experts in academia and industry. These courses have been specifically designed to bridge the knowledge gap and enhance the skills required for employment. These value-added courses have been very well received by the student which is evident from the increasing demand for these courses.

Feedback of stakeholders (students, parents, employers and alumni) is taken into consideration for both curriculum enrichment and upgradation. The Institution has developed collaborations with Industry and other Institutions around the world which helps our faculty learn and upgrade their knowledge and skills to realize our Vision, Mission and Objectives.

Criterion II Teaching-Learning and Evaluation

VSIT is situated in a cosmopolitan locality where students from various backgrounds come to study in the Institute. The admission process is highly transparent. The admission committee which is directly supervised by the Principal provides counseling at the time of admission to help students choose the right course. Admission process is reviewed every year and necessary action plan for future is derived.

A Teaching Learning Plan is developed every semester in advance through a TLP workshop organized by the IQAC in which the faculty present their TLP in front of the Principal, external experts and peers. The TLP covers every aspect of delivery including the learning outcomes for each session, activities, teaching methodologies and assessment strategies. The Institute publishes an academic calendar every semester containing all the curricular, co-curricular and extra-curricular activities planned by the Institute.

The Institute is sensitive to the varied needs of students. Bridging modules (Introduction to Electronics and Basic Accounts) are offered during the first semester to get students who have migrated streams at par with others. Remedial lectures for weak students are conducted to improve academic performance. Merit batches have been organized for advanced learners to prepare them better for examinations. “Tantravihar” and “Art to Art Exhibition” are conducted to promote organizing skills, problem solving capabilities and creativity amongst students.

VSIT believes that the use of technology in education is no longer a novelty but a necessity to keep up with the growing demands and aspirations of the students and society which we seek to serve. The use of technology has enabled our students to be better learners and collaborators. Initiatives like use of **NPTEL** e-resources, **VSIT Live** our college social-academic portal and **VRefer** our online repository is a great example of how modern technology is a game changer. Students today are able to access and share content, view videos, presentations, download notes etc. all on their computer or personal devices. This has allowed a higher level of engagement between students and teachers.

The Institute recognizes the fact that its staff is its most valuable asset. The Institute is committed to the personal and professional development of all staff. Providing opportunities for faculty development is a high priority of the Institute. The Institute in collaboration with various leading organizations like Dale Carnegie and Center for Teaching Excellence, University of Illinois Urbana-Champaign has organized series of staff training workshops.

Various innovative teaching methodologies have been adopted at VSIT for improvement of academic rigor and making the delivery more student centric. Innovative techniques like Flipped classrooms, Digital content, Graded questions, Blooms taxonomy etc. have improved the teaching learning process and encourage the students to be lifelong learners.

The University of Mumbai has introduced the continuous evaluation system as part of the Credit Based Semester Grading System (CBSGS). Keeping this in mind, the Institute initiated multiple institutional reforms like Online Mid-term examinations, Case study presentations, mini-projects for first year and second year students. These have resulted in a evaluation system which not only assesses the learning outcomes but is also very transparent and unbiased .The institute efforts have resulted in students achieving results better than the University average across programmes. Some of our students have also achieved top-ranks at University examinations.

Criterion III Research, Consultancy and Extension

The R&D committee at VSIT promotes, monitors, and acknowledges the research oriented activities. It has conducted VISMIT 2014, a National Conference organized in collaboration with Computer Society of India. “VSearch” – an intercollegiate research paper competition was organized for students to promote undergraduate and post graduate research. Research scholars and experts are invited for hands on training on various steps involved in research. The committee is in the process of getting ISSN number for a research journal to be published.

To promote knowledge sharing and awareness about latest trends, the Institute organizes Technical seminars, Research paper review and Book review as part of a structured programme. The institute has also subscribed to various research publications and e-resources to enable research amongst faculty and students. There is a policy in place for providing leaves, flexibility in schedule and funding for any research activity planned by faculty. Each faculty is entitled to a book allowance through which they can buy reference books for personal use.

Through the NSS and Vidyalankar Volunteering Committee(VVC) students acquire knowledge, experience and values like cooperation, volunteer ship, self-reliance, social awareness, water management that help students in academic learning and influence in their personality. Faculty and students of VSIT have undertaken many activities and programmes for serving the community like “Say No to Plastic”, Exam Writers for Little Angels School, Spread literacy amongst school kids of Mangaon, Awareness about Malaria and Hepatitis B, Road safety Workshop, “Ecofriendly Ganesha” during Ganesh festival. Based on the work done by NSS Unit for state Level Camp on Disaster Preparedness camp at Swami Ramanand Tirth University, Nanded, the Programme Officer was selected as Contingent Leader.

The Vidyalankar Consultancy Services (VCS) provides a comprehensive platform for utilizing the immense talent that lies within its human resources. It aims at betterment of its human resources by going beyond pedagogy and applying knowledge for real world problems, driving a parallel revenue stream

for VDT and its employees and concurrently contributing to society as well. The Industry Institution Interaction Committee, Vidyalankar Consultancy Services, Placement Committee and Entrepreneurship Development and Activity Committee work with external organizations and industry at various levels.

The Institute has forged strong collaborations with various universities and organizations both National and International. The college has signed MOUs with 8 organizations both academic and industrial. These collaborations have resulted in various academic programmes benefitting our students and faculty members. Many students have won accolades in US and UK. Faculty exchange programme with Sheffield Hallam University, UK has also helped sharing of best practices between institutions and resulted in various faculty development initiatives. The college is also having strong ties with Computer Society of India (CSI) and a very active CSI chapter (with 120 members) which organizes various seminars and competitions. The CSI chapter students also volunteered for CSI-IT2020 conference.

Criterion IV Infrastructure and Learning Resources

VSIT maintains highly functional campus facilities which support the Institute's educational and operational programmes while maintaining a healthy and attractive environment for the people who study and work here. Good teachers and motivated students can overcome inadequate facilities and perform at a high level almost anywhere, but a well-designed facility can truly enhance performance and make education a more enjoyable and rewarding experience. VSIT is located on an 11 acre campus with 2 playgrounds, 1 auditorium, 8 seminar halls and one open-air stage. The college architecture is unique and designed to provide a productive environment for learning and collaboration.

The campus is completely Wi-Fi enabled with 60Mbps internet connection and more than 200 computers for students. State of the art IT infrastructure with very high network security provided by an industry grade firewall. There are common facilities like Girls common room, Students Activity room, Gymkhana with in-door and out- door game facilities and equipment. The college has a Sewage Treatment Plant (STP) on campus. The campus is home to many trees and various varieties of plants, shrubs and fauna.

VPrint is a service which provides easy access to printing facility to students. Students can give print commands from anywhere, on campus or off-campus (homes) using this service. Reprographic facility and a stationery shop is available on campus. The Library has a custom built ERP system for easy search and issue of books. The library has subscribed to various research journals and magazines. There are 5 computers and 5 tablets in the library for providing access to various e-resources. There is an open reference section in the library for both students and staff.

All faculty members have been provided with laptops and non-teaching staff with computer for their use. The college has an ERP system which manages all administrative processes like admissions, fee collection, payroll etc. All classrooms are ICT enabled with fixed projectors and internet access via wi-fi. A major landscaping project has been commenced for upgradation of the facilities for students.

Criterion V Student Support and Progression

The success of an Institute is measured by the success of its students. VSIT provides necessary student support services to help holistic development of students. The Institute publishes a prospectus containing all the details about programmes and facilities provided by VSIT. Additionally, the student handbook is published which contains all details affecting student's life on campus.

Academic mentoring system provides support and assistance to students in matters of academic performance. There is also a part time professional counselor available on campus. Students are provided with medical insurance through "YuvaRaksha Scheme".

The Institute has appointed a full-time training and Placement Officer (TPO) who is responsible for driving placement and internship initiatives on the campus. The Placement cell with the TPO helps organize pre-placement training for students. VSIT hosts many Pool campuses for recruitment by various MNCs like L&T Infotech, Wipro, i-Gate etc.

The students of VSIT have achieved excellence in both academic and extracurricular activities. VSIT is proud to have national-level and state-level players in various sports like Fencing, Archery, Shooting, Malkhamb and Tug-of-war. A full-time sport officer has been appointed to take care of all sports activities on campus.

Criterion VI Governance, Leadership and Management

The VidyalankarDnyanpeeth Trust which governs VSIT is a trust run by well-educated thorough academicians. The trust has a strong desire to create a community of educators who are responsible to the students, to the public and to each other and to ensure that the quality of future educators and education is as per international standards. This is reflected in the Vision, Mission and Objectives of the Institution.

Action plans are formulated by the Principal and Heads of Department's as per college policies. The Internal Quality Assurance Cell (IQAC) reviews the implementation of these plans and suggests measures for improvement. The Local Managing Committee monitors the functioning of the College.

The Institute has developed 22 committees which look after the technical, administrative and extra-curricular activities of the institutions. These committees are responsible for implementation of the objectives of the Institute.

The professional competence and intellectual vigor of its faculty are the most important measures of the quality of an Institute. In recognition of that fact, the Institute supports the individual development of its faculty members by encouraging and rewarding academic achievement in teaching, research, and all other facets of a faculty member's professional life. Faculty development is the responsibility of the department Head and Principal as well as that of the individual faculty member.

Various schemes have been started for welfare of faculty such as Medical Insurance for all VSIT employees including non-teaching. Gratuity scheme has been initiated for all staff members. Faculty members are encouraged to undertake consultancy projects through VCS on a revenue sharing basis. Various FDPs have been conducted by the Institute for enhancement of skills. Non-teaching members are also provided with training for self-improvement as per a fixed training schedule developed after proper Training Need Analysis (TNA).

IQAC has been monitoring all academic and non-academic activities of the Institute and providing feedback for improvement. It has been instrumental in conduct of TLP workshops, initiating research oriented activities and guest lectures by eminent people.

Criterion VII Innovations and Best Practices

The Institute has a beautiful campus in the heart of the city of Mumbai. It tries to maintain balance between providing the best possible academic facilities for the holistic development of its most valuable stakeholder – students and its responsibility towards preservation of environment. The campus has well maintained garden cared for by the recycled water from STP. The importance of cleanliness, energy conservation and minimizing wastage is imbibed in students. Use of ERP system for routine administration has reduced the use of paper. The Institute is in the process of installing solar energy plant for all the street lights on the campus.

By promoting ambience of creativity, the Institute aims at following innovative practices in every part of college functioning. Following are some of such innovations Daily Lecture record, Weekly test every Monday, Online Midterm Examination, Vijnan an in-house publication containing research articles by students, VPrint, SOP for all processes of the Institute.

SWOC**Strengths, Weakness, Opportunities, Challenges****Strengths**

1. Well qualified members of the Top-Management who are through academicians & are very involved.
2. All Courses offered are vocational with job orientation.
3. Well qualified, dedicated & competent faculty.
4. Strong ties with institutes of global repute
5. Use of modern methodology for excellence in teaching & learning.
6. A vibrant campus which aids healthy academic, co-curricular and extra-curricular environment which fosters growth.
7. Very strong IT infrastructure backbone with ERP automation system to deliver efficient services to all stakeholders
8. An organizational culture promoting modern & liberal school of thought with strong roots in values of ethics.
9. Commitment to social responsibilities through active NSS & VVC.
10. Consistently good results.

Weakness

1. Inability in developing inter-disciplinary courses due to affiliation limitations.
2. Due to low average age of staff the overall research output is comparatively less.
3. Falling demand in Part-Time Management Courses (MMM, MFM and MHRDM) due to the duration of 3yrs for completion programme.
4. To attract quality students in area of Commerce and Management as Vidyalkar is synonymous with technology education in city of Mumbai.

Opportunities

1. Strengthening research activities under able guidance of the Head of the Institute.
2. Collaborative research through linkages with Institutes globally.
3. High percentage of young technically competent staff able to provide consultancy in various fields.
4. Climbing the ladder of higher education by increase in number of post-graduate programmes.
5. Scope for expansion in terms of courses in different disciplines.

6. Use of IT to promote green initiatives for example: use of VSIT Live, ERP, webmail etc.

Challenges

1. Attracting highly experienced senior faculty to a relatively new Institute.
2. Encourage faculty to undertake doctoral programmes.
3. Institute being young is has limited alumni strength.

B

Profile of the Institution

B**Profile of the Institution****1****Name and Address of the College:**

Name : VIDYALANKAR SCHOOL OF INFORMATION TECHNOLOGY

Address : Vidyalankar Marg, Wadala (East)

City : Mumbai **Pin :** 400 037 **State :** Maharashtra

Website : www.vsit.edu.in

2**For Communication:**

Designation	Name	Telephone with STD code	Mobile	Fax	Email
Principal	Dr. Rohini Alok Kelkar	O: 022-2416 11 26 R: 022-2684 95 73	9820 450 953	022-2416 11 26	principal@vsit.edu.in
Steering Committee Co-ordinator	Asif Kutbuddin Rampurawala	O: 022-2416 11 26 (ext: 3102) R: 022-2378 01 35	9820765 273	022-2416 11 26	asif.rampurawala@vsit.edu.in

3**Status of the Institution:**

Affiliate College

4**Type of Institution:**

a. By Gender

i. For Men

ii. For Women

iii. Co-education ☒

 b. By Shift

i. Regular	<input checked="" type="checkbox"/>
ii. Day	<input type="checkbox"/>
iii. Evening	<input type="checkbox"/>

5 It is a recognized minority institution?

No

6 Sources of funding:

Self-financing

7. a. Date of establishment of the college:
13/08/2002
b. University to which the college is affiliated /or which governs the college (If it is a constituent college)

University of Mumbai

c. Details of UGC recognition:

Under Section	Date, Month & Year (dd-mm-yyyy)	Remarks(If any)
i. 2 (f)	—	—
ii. 12 (B)	—	—

d. Details of recognition/approval by statutory/regulatory bodies other than UGC (AICTE, NCTE, MCI, DCI, PCI, RCI etc.)

None

8

Does the affiliating university Act provide for conferment of autonomy (as recognized by the UGC), on its affiliated colleges?

YES

☒

No

☐

If yes, has the College applied for availing the autonomous status?

Yes

☐

No

☒

9

Is the college recognized?

a. by UGC as a College with Potential for Excellence (CPE)?

Yes

☐

No

☒

If yes, date of recognition: (dd/mm/yyyy)

b. for its performance by any other governmental agency?

Yes

☐

No

☒

If yes, Name of the agency and

Date of recognition: (dd/mm/yyyy)

10

Location of the campus and area in sq.mts:

Location *	URBAN
Campus area in sq. mts.	44515.42 sq.mts. (11 acres)
Built up area in sq. mts.	3530 sq.mts.
Type of Area	Urban Area

(* Urban, Semi-urban, Rural, Tribal, Hilly Area, Any others specify)

11

Facilities available on the campus (Tick the available facility and provide numbers or other details at appropriate places) or in case the institute has an agreement with other agencies in using any of the listed facilities provide information on the facilities covered under the agreement.

- **Auditorium/seminar complex with infrastructural facilities:**
1 Auditorium and 8 Seminar halls
- **Sports facilities**
 - * playground -- 2 nos.
 - * swimming pool -- NIL
 - * gymnasium -- NIL
- **Hostel** -- NA
 - * **Boys' hostel**
 - i. Number of hostels
 - ii. Number of inmates
 - iii. Facilities (mention available facilities)
 - * **Girls' hostel**
 - i. Number of hostels
 - ii. Number of inmates
 - iii. Facilities (mention available facilities)
 - * **Working women's hostel**
 - i. Number of inmates
 - ii. Facilities (mention available facilities)
- **Residential facilities for teaching and non-teaching staff (give numbers available — cadre wise)**
 - Cafeteria — 2 nos.
 - Health centre – NIL
- **First aid, Inpatient, Outpatient, Emergency care facility, Ambulance.....**

-- Available

Tops Line ambulance with paramedic available on call

• **Health centre staff –**

Qualified doctor	Full time	Part-time -- YES√
Qualified Nurse	Full time	Part-time - No

• **Facilities like banking, post office, book shops –**

Facilities available on campus :

Post box

Stationery shop

• **Transport facilities to cater to the needs of students and staff ---**

Public Transport available (Bus No. 110) Bus Stop outside the gate of the Institution Local Railway Station at walking distance

• **Animal house -- NA**

• **Biological waste disposal --- NA**

• **Generator or other facility for management/regulation of electricity and voltage --**

UPS for sensitive equipment available

• **Solid waste management facility --- Yes**

• **Waste water management --- Yes**

• **Water harvesting --- No**

12
Details of programmes offered by the college (Give data for current academic year)

Sr . No.	Programme Level	Name of the Programme/ Course	Duration	Entry Qualification	Medium of instruction	Sanctioned/ approved Student Strength	No. of students admitted
1	Under-Graduate	B.Sc. IT	3 yrs	H.S.C	English	300	293
2	Under-Graduate	B.M.S	3 yrs	H.S.C	English	180	135
3	Under-Graduate	B.Com (A&F)	3 yrs	H.S.C	English	60	60
4	Under-Graduate	B.Com (B&I)	3 yrs	H.S.C	English	60	41
5	Under-Graduate	B.Com (FM)	3 yrs	H.S.C	English	60	00
6	Post-Graduate	M.Sc. IT	2 yrs	B.Sc. in allied discipline	English	22	22
7	Post-Graduate	MMM	3yrs	Graduation plus Work experience	English	60	09
8	Post-Graduate	MFM	3yrs	Graduation plus Work experience	English	60	20
9	Post-Graduate	MHRD M	3yrs	Graduation plus Work experience	English	60	03

13
Does the college offer self-financed Programmes?

Yes

☒

No

☐

If yes, how many?

9 (All)

14
New programmes introduced in the college during the last five years if any?

Yes	√	No		Number	6
-----	---	----	--	--------	---

15 List the departments:

Faculty	Departments	UG	PG	Research
Science	Information Technology	<ul style="list-style-type: none"> B.Sc IT. 	<ul style="list-style-type: none"> M.Sc IT. 	
Commerce	Commerce	<ul style="list-style-type: none"> B.Com. (A&F) B.Com. (B&I) B.Com. (FM) 		
Any Other (Specify)	Management	<ul style="list-style-type: none"> B.M.S. 	<ul style="list-style-type: none"> MMM MFm MHRDM 	

16 Number of Programmes offered under (Programme means a degree course like BA, BSc, MA, M.Com...)

- a. annual system -- NIL
- b. semester system -- 9 (All)
- c. trimester system --- NIL

17 Number of Programmes with

- a. Choice Based Credit System -- NIL
- b. Inter/Multidisciplinary Approach -- NIL
- c. Any other (specify and provide details) --
Credit Based Semester Grading System (CBSGS) - 9 programmes

18 Does the college offer UG and/or PG programmes in Teacher Education?

No

19 Does the college offer UG or PG programme in Physical Education?

No

20
Number of teaching and non-teaching positions in the Institution

Positions	Teaching faculty						Non-teaching staff	Technical staff		
	Professor		Associate Professor		Assistant Professor					
	*M	*F	*M	*F	*M	*F	*M	*F	*M	*F
Sanctioned by the UGC / University / State Government	-	-	-	-	-	-	-	-	-	-
Yet to be Sanctioned by the Management/ society or other authorized bodies	-	01	-	-	13	33	03	13	01	08
Recruited										
Yet to recruit	-	-	-	-	-	-	-	-	-	-

*M-Male *F-Female

21
Qualifications of the teaching staff:

Highest Qualification	Professor		Associate Professor		Assitant Professor		Total
	Male	Female	Male	Female	Male	Female	
Permanent teachers							
D.Sc./D.Litt.	-	-	-	-	-	-	-
Ph.D.	-	-	-	01	00	00	01
M.Phil.	-	-	-	-	01	02	03
PG	-	-	-	-	10	24	34
Temporary teachers							
D.Sc./D.Litt.	-	-	-	-	-	-	-
Ph.D.	-	-	-	-	00	00	00
M.Phil.	-	-	-	-	00	00	00
PG	-	-	-	-	04	08	12
Part-time teachers							
D.Sc./D.Litt.	-	-	-	-	-	-	-
Ph.D.	-	-	-	-	01	01	02
M.Phil.	-	-	-	-	00	00	00
PG	-	-	-	-	16	03	19

22

Number of Visiting Faculty /Guest Faculty engaged with the College.

– Fourteen

23

Furnish the number of the students admitted to the college during the last four academic years.

Categories	2010-11		2011-12		2012-13		2013-14	
	Male	Female	Male	Female	Male	Female	Male	Female
SC	38	15	51	26	55	26	50	28
ST	01	00	01	00	01	00	00	02
OBC	67	40	66	35	85	47	79	52
General	706	352	740	386	758	434	761	468
Others (SBC,NT)	27	17	29	16	29	26	44	32

24

Details on students enrollment in the college during the current academic year:

Type of students	UG	PG	M. Phil.	Ph.D.	Total
Students from the same state where the college is located	1543	137	-	-	-
Students from other states of India	-	-	-	-	-
NRI students	-	-	-	-	-
Foreign students	01	-	-	-	-
Total	1544	137	-	-	-

25
Dropout rate in UG and PG (average of the last two batches)

UG= 1.4%

PG= 0.5%

26
Unit Cost of Education

(Unit cost = total annual recurring expenditure (actual) divided by total number of students enrolled)

(a) including the salary component

Rs. 44664.0

(b) excluding the salary component

Rs. 28949.0
27
Does the college offer any programme/s in distance education mode (DEP)?

No

If yes,

a) is it a registered centre for offering distance education programmes of another University

Yes

☐

No

☐

b) Name of the University which has granted such registration.

c) Number of programmes offered

d) Programmes carry the recognition of the Distance Education Council.

Yes

☐

No

☐

28

Provide Teacher-student ratio for each of the programme/course offered

Department	Course	Ratio (Teacher : Student)
Commerce	B.Com. (A&F)	1:26
	B.Com. (B&I)	1:27
Information Technology	B.Sc. (IT)	1:26
	M.Sc. (IT)	1:22
Management	B.M.S	1:34
	M.M.M.	1:20
	M.F.M.	
	M.H.R.D.M.	

29

Is the college applying for

Accreditation : Cycle1

Re-Assessment: -

30

Date of accreditation* (applicable for Cycle 2, Cycle 3, Cycle 4 and re-assessment only)

N.A. (1st Cycle)

Cycle 1: (dd/mm/yyyy) Accreditation Outcome/Result.....
 Cycle 2: (dd/mm/yyyy) Accreditation Outcome/Result.....
 Cycle 3: (dd/mm/yyyy) Accreditation Outcome/Result.....

31

Number of working days during the last academic year

--- 238

32

Number of teaching days during the last academic year

--- 172

33**Date of establishment of Internal Quality Assurance Cell (IQAC)**

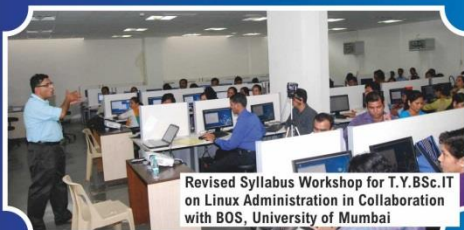
Date of establishment of IQAC : 24/09/2012

34**Details regarding submission of Annual Quality Assurance Reports (AQAR) to NAAC****N.A. (1st Cycle)****35****Any other relevant data (not covered above) the college would like to include. (Do not include explanatory/descriptive information)****None**

C

Criterion-wise Analytical Report

CRITERION I : CURRICULAR ASPECTS



Revised Syllabus Workshop for T.Y.BSc.IT on Linux Administration in Collaboration with BOS, University of Mumbai



Orientation Programme for First Year students and their Parents



Softskill Training Programme for Students by Dale Carnegie



Workshop on "Excellence in Teaching : Beyond basics" conducted by University of Illinois, Urbana - Champaign, USA



Industrial Visit to Bisleri



Industrial Visit to RBI



Faculty Exchange Programme



Dr. Robert Berry, Aston University (UK) addressing parents for Foreign Collaboration



Talk on Business Law by Supreme Court lawyer Mr. Ezaj Naqui



Workshop on "The Foundation of Excellence in Teaching" conducted by University of Illinois, Urbana - Champaign, USA

CRITERION - I

CURRICULAR ASPECTS

1.1 Curriculum Planning And Implementation

1.1.1 State the vision, mission and objectives of the institution, and describe how these are communicated to the students, teachers, staff and other stakeholders.

Vision

Our Vision is to establish a leading center for imparting Quality Education in the field of Science, Commerce and Management with emphasis on:

- Ensuring that students learn the fundamental concepts in various disciplines.
- Motivating students to apply the Scientific and technological knowledge to develop problem solving capabilities.
- Making students aware of the societal and environmental needs with specific appreciation of the emerging global context.

Mission

Our mission is to provide:

- An educational environment where students can reach their full potential in their chosen discipline and become responsible citizens without compromising in ethics.
- A scholarly environment where the talents of both, the faculty members and students are nurtured and used to create knowledge and technology for the benefit of the society.

Objectives

- To evolve a teaching-learning process whereby students will have freedom of thought and thereby explore the various aspects of technological development.
- To encourage the teaching Faculty to pursue knowledge in specialized and emerging areas of technology and develop the skills to impart that knowledge to the students.
- To provide the requisite Infrastructure including Laboratories, Library, Internet facilities to facilitate learning.
- To promote interaction of students and faculty with the Industry.
- To explore the possibilities of collaboration with other leading Institutes in India and abroad for faculty and/or students training, faculty and/or students exchange and joint research.

The vision and mission statements are communicated to all stakeholders (students, parents, teachers, employers and community):-

- During orientation programme for the parents and students on the first day of the course.

- During the induction lectures conducted at the beginning of each semester.
- By displaying them at prominent places like Principal's room, Library, Canteen, Classrooms, Laboratories, Staff room, Gymkhana, Ladies common room, Students' activity room and NAAC room.
- College website www.vsit.edu.in
- Printed in Admission Brochure, College Magazine - Vihan, Research Journal – V-Research, students and staff diaries, Institute Profile sent to Employers.

1.1.2

How does the institution develop and deploy action plans for effective implementation of the curriculum? Give details of the process and substantiate through specific example(s).

- For effective implementation of curriculum, "Teaching and Learning Workshop" is organized on last Saturday of April and October during which TLPs for all subjects are discussed and prepared.
- TLPs are vetted by the subject mentors (who are the senior faculty members in subject cluster) and finally approved by the departmental coordinators. For example, in IT department, subject mentors are fixed by grouping the subjects in clusters like Programming, Database, Networking, Electronics and Software engineering.
- Practical sessions schedule is also discussed and planned during the TLP workshop. Possibilities of introducing a new set of practical sessions are discussed and designed prior to the academic semester itself.
- Laboratory manuals are prepared with additional practice questions.
- Subject Manual are prepared and kept in the library so that the students have easy access to syllabus, paper pattern, reference books and any other curriculum related information.

1.1.3

What type of support (procedural and practical) do the teachers receive (from the University and/or institution) for effectively translating the curriculum and improving teaching practices?

Teachers are sent to various workshops and seminars conducted by University of Mumbai.

In last four year following teachers have attended the curriculum related workshops-

Faculty	Year and Date	Place	Subject
Sanjeela S.	30/6/12	K.J Somaiya College, Vidyavihar	ASP.net
Ketki B., Vijay G.	13/09/12	K P B Hinduja College Of Commerce	Revised Syllabus of FYBBI
Indrayani N., Geeta S.	1/12/12	S.M Shetty College, Hiranandani, Powai	Internet Technologies
Pushpa M., Ujwala S., Asif R.	25/06/13	S.K Somaiya College, Vidyavihar	M.Sc IT – Mobile Computing
Sumbul S.	06/08/13	Mulund College of Commerce	TYBMS Project
Seema V.	16/08/13	S.M Shetty College, Hiranandani, Powai	Software Testing
Sandip K.	05/09/13	Mulund College of Commerce	Financial Management, Special Studies in Finance
Abhijit R.	05/09/13	Mulund College of Commerce	Logistics and Supply Chain Management
Vijay G. (As Resource Person)	05/09/13	Mulund College of Commerce	Special Studies in Finance
Santosh G.	28/9/13	Mulund College of Commerce	Revised Syllabus of TYBMS
Chitra M.	03/12/13	Pragati College, Dombivli	Revised Syllabus of SYBBI Sem–IV
Shajil K., Pushpa M.	07/1/14	SIES College of Commerce and Economics, Sion	Internet Technologies
Seema V.	11/1/14	Thakur College of Arts, Science and Commerce, Kandivili	Geographic Information System
Amit K.	21/1/14	IDOL – University of Mumbai	Workshop on Moodle
Prachi M. Hrishikesh T.	22/1/14	Nirmala College, Kandivili	Project Management
Leena J, Madhavi A	30/1/14	Swami Vivekananda College, Chembur	Cyber Law
Ujwala S.	13/02/14	S.K. Somaiya College, Vidyavihar	M.Sc IT part – 1 Mobile Computing Practical

			Workshop
Binesh N.	29/03/14	CHM College, Ullhasnagar	Guest Speaker for Data Warehousing
Laxmi Kavita	30/06/14	DAV College, Bhandup	TYBBI revised syllabus workshop

- The Institute organized a one-day Linux Administration workshop on 12th July, 2012 in association with Ad-Hoc Board of Studies in Information Technology, University of Mumbai.
- The Institute organized various workshops such as University of Illinois, Urbana Champaign, USA (UIUC) Workshop for teaching methodology, Dale Carnegie workshop for soft skills for faculty members to improve quality of their lecture delivery and inter-personal skills.
- Addition of books and journals to the library is done on a regular basis to ensure that relevant reference material is available.
- Audio visual aids are procured to enhance teaching methods.

1.1.4

Specify the initiatives taken up or contribution made by the institution for effective curriculum delivery and transaction on the Curriculum provided by the affiliating University or other statutory agency.

The initiatives taken up or contribution made by the institute for effective curriculum delivery are:

- Digital notes are prepared as per the syllabus and available for download on college student portal (live.vsit.edu.in)
- The Graded Questions (GQ's) and Examination Questions (EQ's) are discussed during the lectures and used for class room assessment.
- Additional lectures are arranged for slow learners and students who shift from one stream to another (Commerce to Science or vice-versa).
- Theory Sessions are conducted with the help of hands on for specific subjects like Data Warehousing.
- The course/practical diary is maintained by each faculty member to maintain the lecture/practical schedule. The course diary includes lecture schedule, topic covered during the lecture session, guest lectures arranged etc. It also includes the assignments and tutorial conduction details like the date of assignment/tutorial given etc. Course/practical diary is reviewed by subject mentors.

1.1.5

How does the institution network and interact with beneficiaries such as industry, research bodies and the university in effective operationalization of the curriculum?

- With the view to reinforce theoretical subject knowledge by practical experience in the relevant fields, VSIT organizes industrial visits to various places such as Reserve Bank of India, Bombay Stock Exchange, Jawaharlal Nehru Port Trust (JNPT), Bisleri plant, Amul dairy, Parle

Biscuit factory, etc.

- Experts from industry are invited to narrate their experiences and motivate students to think out of box in their career options. For example, Prof. Doongaji, Vitthal Kamat, Achala Joshi.
- Under the Faculty Development Programme, industry specific training programmes are attended by faculty members like Networking Courses by Nirmal Data Communication Ltd CISCO partner which was attended by most of the IT teachers. A two-week workshop on Recent Software Technologies and Training Skills conducted by Patni Computers, Airoli was attended by Sanjeela Sagar, Janhavi Vadke, Ujwala Sav and Bharati Jagdale.

Research Bodies

Staff members are encouraged to plan and visit to research institutions for more exposure on relevant and upcoming areas of specialization. To name a few institutions visited by the faculty are Nehru Science Centre, Indian Institute of Technology (IIT) Bombay, Tata Institute of Fundamental Research (TIFR), Tata Institute of Social Sciences (TISS), Council of Scientific and Industrial Research (CSIR).

University

VSIT takes special efforts to invite University authorities and professors to our campus for active interaction with them on their ideas and best practices for effective implementation of curriculum. Such practices are then implemented in our college. Board of College and University Development (BCUD), Mumbai director Dr. Rajpal Hande, Research Scholar Dr. Neeraj Hatekar, Physicist Dr. A. M. Narsale, Professor in Physics Dr. Sureshchandra Gupta, Former Pro Vice Chancellor, University of Mumbai Dr. Vijay N. Gupchup, and other college Principals are some of such invitees.

1.1.6

What are the contributions of the institution and/or its staff members to the development of the curriculum by the University?(number of staff members/departments represented on the Board of Studies, student feedback, teacher feedback, stakeholder feedback provided, specific suggestions etc.)

VSIT is keen on inviting Chairpersons and members of Board of Studies particularly at the time of syllabus revision or examination system reforms. This helps in having first-hand information about the idea behind such revisions. Dean of Commerce, Dr. Madhu Nair, BAF in charge Prof. Wanderekar, Member of Board Of Studies in Business Economics, Dr. Rajalakshmy, Chairperson of Ad hoc BOS for IT Prof. Dand, Prof. Mangai, Prof. Rajendra Patil are a few names.

College encourages senior faculty members to be a part of syllabus revision committees. For example Prof. Vijay Gawde in the subject named “Introduction to Financial Accounting” at FYBMS level.

Feedback is taken from every stakeholder about the relevance of current

syllabus and the comments are conveyed to the BOS in respective subjects during meetings at the University or affiliated colleges.

1.1.7

Does the institution develop curriculum for any of the courses offered (other than those under the purview of the affiliating university) by it? If 'yes', give details on the process ('Needs Assessment, design, development and planning) and the courses for which the curriculum has been developed.

Yes. VSIT has developed many courses and their curricula other than those by the University of Mumbai, which are useful for improving knowledge, skill and the employability of the students, teachers, technical and administrative staff and also the support staff. The process of incorporation of such courses is as follows:-

Needs Assessment

Survey is taken from every stakeholder regarding their training needs. Vidyalankar Consultancy Services (VCS), a consultancy wing of the Trust does Training Needs Analysis (TNA) and on the basis of that, courses which are in demand are shortlisted.

Design

Basic and advanced level courses are designed depending upon the TNA. Duration of the courses, timings and other details of these courses are designed keeping in mind the academic schedule of the courses.

Development and Planning

Course structure is developed with the help of industry and academic experts. Course contents are updated in every batch depending upon the feedback of the earlier batch. VSIT faculty members are encouraged to become the trainers. In case of highly specialized courses, the trainers may be hired from industry.

Some of the courses developed in last four years are:-

Graphic and Animation, Android Applications, Robotics, SAP, Foreign languages, Glimpses of Financial market, Tally, MS-Excel, First-aid, Sports training

Course contents and other details of the above courses are kept for ready reference.

1.1.8

How does institution analyze/ensure that the stated objectives of curriculum are achieved in the course of implementation?

- The stated objectives of curriculum become a part of TLP prepared by each teacher.
- TLP includes details of all curricular, co-curricular and extra-curricular activities in each subjects designed as per the objectives of curricula. For example, objective of new Bachelor of Commerce (BAF and BBI) degrees is to have a shift from general education to professional education. To

ensure this, many activities are planned to expose the students to industry and experts from relevant fields

- Monitoring is done by the heads of the department during weekly meetings.

1.2 Academic Flexibility

1.2.1

Specifying the goals and objectives give details of the certificate/diploma/skill development courses etc., offered by the institution.

Courses offered by VSIT	Duration	Beneficiary group	Goal/Objective
Graphics	40 Hours	FY/SY students	This course enables the Students to produce multiple creative solutions for any single design challenge with critical quality and effectiveness of media objects.
Animation	45 Hours	FY/SY students	This course is to employ imagination with refined multimedia techniques to improve learning and retention of media objects.
Android applications	40 Hours	SY/TY IT students	This course provides an introduction to Android programming and its applications. It includes topics such as installation, activities, layouts, list views, SQLite, Service multimedia and Google Play.
SAP	40 Hours	FY/SY students	This course teaches the implementation consultants, support representatives and basic configurations necessary for the goal management and performance management modules.
Glimpses of financial markets	60 Hours	Commerce students	This course includes financial securities, financial reporting and company law required for the financial services and marketing.
French	100 Hours	All students	This course aims at the attainment of basic proficiency in the French language. Students learn to speak, read and write grammatical French.
Excel	30 hours	Teaching / non-teaching staff	This course helps to create high quality spread sheet documents with financial modeling, data analysis, charting etc. required for office documents.
First aid	8	Non-	The course enlighten the immediate

	Hours	teaching staff	care you give to an ill or injured person until more advanced care can be obtained.
Tally	30 Hours	Staff and students	This course is designed and taught taking into consideration of commerce or non-commerce person. It enables to understand the Tally software and its operation with practical application in accounting.
Sports	Variable	All students	This course aims to develop skills and fitness specific to a particular sport. It teaches the students to appreciate and be able to execute strategic play and provides leadership quality. It also develops and applies knowledge about umpiring, refereeing, and training.

1.2.2

Does the institution offer programmes that facilitate twinning/dual degree? If 'yes', give details.

YES

VSIT has tie-ups with various universities from UK and USA namely Aston University (UK), Sheffield Hallam University (UK), Penn State University (USA) and California State University Fresno (USA), University of Toledo. Students at VSIT avail of various programmes offered by these universities at different levels.

1.2.3

Give details on the various institutional provisions with reference to academic flexibility and how it has been helpful to students in terms of skills development, academic mobility, progression to higher studies and improved potential for employability. Issues may cover the following and beyond:

- Range of Core/Elective options offered by the University and those opted by the college.
- Choice Based Credit System and range of subject options Courses offered in modular form
- Credit transfer and accumulation facility
- Lateral and vertical mobility within and across programmes and Enrichment courses

As a college affiliated to University of Mumbai, VSIT provides academic flexibility within the framework of the university guidelines.

- VSIT offers major electives in Information technology and Management at graduation level courses.
- The courses affiliated to the University of Mumbai are all Credit Based Semester Grading System.
- The courses with foreign-tie up allow the credit transfer.
- Lateral entry of diploma students is allowed to the second year B.Sc IT.
- B.Sc. (IT) students from University of Mumbai's Institute of Distance and Open Learning (IDOL) are allowed to take admission in the Second or Third Year B.Sc. (IT) programme.
- Students with B.Sc in Statistics, Mathematics, Physics, Information Technology or Computer Science are eligible to take the admission for M.Sc in Information Technology.

1.2.4

Does the institution offer self-financed programmes? If 'yes', list them and indicate how they differ from other programmes, with reference to admission, curriculum, fee structure, teacher qualification, salary etc.

YES.

All the programmes offered by VSIT are self-financed. The college follows a uniform policy across programmes within the statutes of the affiliating university.

1.2.5

Does the college provide additional skill oriented programmes, relevant to regional and global employment markets? If 'yes' provide details of such programme and the beneficiaries.

YES.

- Dale Carnegie Programme for soft skills development is offered every semester.
- Photography workshop for students.
- VSIT has conducted the course named "Global Financial Market Associate: NSDL Star Scheme" of 60 hours duration in association with National Skill Development Corporation.
- These courses are apart from the courses listed in 1.2.1 above.

1.2.6

Does the University provide for the flexibility of combining the conventional face-to-face and Distance Mode of Education for students to choose the courses/combination of their choice? If 'yes', how does the institution take advantage of such provision for the benefit of students?

No.

1.3 Curriculum Enrichment

1.3.1

Describe the efforts made by the institution to supplement the University's Curriculum to ensure that the academic programmes and Institution's goals and objectives are integrated?

The Institute makes serious efforts to ensure that the academic programmes and Institute's goals and objectives are integrated. This is done in the following way:

- Students are encouraged to select the topics for assignments or projects based on their areas of interest within the framework of syllabus.
- Faculty members keep their knowledge upgraded through participation in technical seminars organised periodically, presenting and publishing papers in conferences and seminars, writing for monthly departmental magazine and college research journal "VISMITH"
- The Institute has 7 Computer Laboratories with 240 computers, latest software required as per the curriculum, with Wi-Fi facility in the campus and well equipped library with books, journals and internet resources. Teachers have prepared digital content and printed notes for the students to supplement classroom teaching.
- VSIT has constituted two committees – Industry-Institution Interaction Committee (IIIC) and Entrepreneurial Development Activity Committee (EDAC) through which various activities are conducted for exposing students to industry requirements. Experts from industry are invited, students are encouraged to take up live projects from industry and many activities are conducted for developing their entrepreneurial skill.

1.3.2

What are the efforts made by the institution to enrich and organize the curriculum to enhance the experiences of the students so as to cope with the needs of the dynamic employment market?

To enrich the curriculum and enhance the experiences of the students many steps are taken such as:

- Students are encouraged to take up membership of professional bodies such as Computer Society of India.
- Industrial visits to professional institutions are organized such as RBI, BSE, Bisleri etc.
- Live and industry-related projects are encouraged.
- Institute also arranges video lectures and case-studies which improves the listening skills of the students and provides an enhanced experience of learning the curriculum.

1.3.3

Enumerate the efforts made by the institution to integrate the cross cutting issues such as Gender, Climate Change, Environmental Education, Human Rights, ICT etc., into the curriculum?

The efforts made by the Institute to integrate the cross cutting issues are:

- VSIT is a mixed gender institution where the admission is taken as per the Maharashtra Govt. Reservation schemes.
- The Women Development Cell arranges the panel discussions, workshops and special lectures with an objective of sensitization about women issues as a supplement to curriculum.
- Through the programmes like Tree planting, alternatives to plastic bags, NSS works on educating students and the community on saving the planet earth.
- As a part of environment education, VSIT takes every effort to minimize the use of paper by computerizing most of the administrative procedures. To name a few – online mid-term examination, online paper checking, digital notes, use of ERP for attendance related records, Waste water plant on the campus, use of solar energy for street lights on campus is planned
- The Anti-Ragging committee at VSIT works as a help desk for the entire VSIT students. The committee organizes various seminars and workshops to ensure the human rights thoughts into the student's mind.

1.3.4

What are the various value-added courses/enrichment programmes offered to ensure holistic development of students?

The various programmes offered to ensure holistic development of students:

- For Moral and ethical values – Recycling of paper bags, Street Play
- For Employability and life-skills – Dale Carnegie programme, Photography workshop
- For Better career options – Graphics and Animation, SAP, Android Programming, GFMA star aligned to National Occupational Standard for Business Correspondent and Banking Facilitation.
- For Community orientation – NSS camps like disaster management, Shramdan for village peoples and Foreign Language (French).

1.3.5

Citing a few examples enumerate on the extent of use of the feedback from stakeholders in enriching the curriculum?

Feedback is taken from different stakeholders such as parents, alumni, employers and guest speakers, mainly to design the curriculum of add-on courses like Android based programming and T.Y.BSc IT project presentation.

1.3.6

How does the institution monitor and evaluate the quality of its enrichment programmes?

The Principal along with IQAC monitors each department and departmental activities. All programmes offered have a system of feedback collection. The feedback analysis and reviews are considered during the updating of enrichment programmes and the selection of vendors. Each course is evaluated by the teaching faculty with the expertise in the relevant field.

1.4
Feedback System
1.4.1

What are the contributions of the institution in the design and development of the curriculum prepared by the University?

VSIT executes the syllabi through a proper prior plan TLP(Teaching and Learning Plan). The TLP in each course is reviewed and updated through the feedback from various stakeholders. Reports of the feedback are analyzed and conveyed to the University by the VSIT faculty attending the syllabus revision workshops. Mr. Vijay Gawde is the member of syllabus revision committee for the FYBMS subject of “Introduction to Financial Accounting”.

1.4.2

Is there a formal mechanism to obtain feedback from students and stakeholders on Curriculum? If ‘yes’, how is it communicated to the University and made use internally for curriculum enrichment and introducing changes/new programmes?

YES.

Feedback is taken from various stakeholders regarding the new industry requirements in the curriculum.

Analysis of Feedback form is sent to the ad-hoc board of studies during the theory and practical revision workshops where the discussions are held for introducing these into the syllabus. Many faculty members have contributed to development of practical lists for subjects at T.Y.B.Sc.(IT) and M.Sc.(IT) . All the value-added courses and enrichment programmes are designed by considering the various stakeholders feedback like students, alumnus, parents and employers.

1.4.3

How many new programmes/courses were introduced by the institution during the last four years? What was the rationale for introducing new courses/programmes?

Course	Year	Rationale / Objective
--------	------	-----------------------

B.Com- BBI(Banking and Insurance)	2009-10	It provides adequate basics understanding about Banking, Insurance and other financial services and gives an adequate exposure to operational environment in the field of banking, insurance and other related financial services of accounting and finance.
B.Com- BAF(Accounting &Finance)	2009-10	It is the course that tenders extensive knowledge on the Financial and Capital markets. With subjects like Cost Accounting, Global Capital market, Risk management, Financial management. This course promises highly skilled and vibrant young professionals in accounting field.
MMM (Master of Marketing Management)	2010-11	<p>This part time management programme covers all the related areas of marketing including public sector marketing. It seeks to develop an integrated top management perspective which is necessary for marketing executives to move into top level general management positions.</p> <p>It is designed for those students from different educational backgrounds wishing to acquire the skills needed to pursue a high level career in the world of business.</p>
MFM (Master in Financial Management)	2010-11	This part-time management programme covers all related areas of Finance and Accounting with emphasis on managerial applications. Candidates having experience in Finance or related areas such as Management Audit, Internal Audit, Marketing Analysis and Economic Analysis will find this programme useful.
MHRDM (Master in Human Resource Development Management)	2010-11	The objective of this part-time management programme is to prepare executives for top-level HR positions in public or private sector organizations by exposing them to a wide range of relevant areas. Candidate having executive experience in HRD-related field in private/public organization, Government etc will find this programme useful.

CRITERION II : TEACHING - LEARNING & EVALUATION



CRITERION – II

TEACHING-LEARNING AND EVALUATION

2.1 Student enrollment and profile

2.1.1 How does the college ensure publicity and transparency in the admission process?

To ensure publicity:

- Advertisements are released in leading national and regional newspapers.
- Hoarding are put at different places like Railway stations, bus stops etc.
- Social media like Facebook and twitter is used to interact with prospective students and parents.
- Official college website (vsit.edu.in) provides details of all the courses and other relevant information for admission.
- Institute organizes seminar for students on “Career options in VSIT”.

To ensure transparency:

- Entire admissions process is published in the college brochure and college website.
- The entire process is supervised by the Principal.

2.1.2 Explain in detail the criteria adopted and process of admission (Ex. (i) merit (ii) common admission test conducted by state agencies and national agencies (iii) combination of merit and entrance test or merit, entrance test and interview (iv) any other) to various programmes of the Institution.

The admissions to under-graduate and post-graduate courses are done on basis of marks / grades obtained at the qualifying examination.

2.1.3

Give the minimum and maximum percentage of marks for admission at entry level for each of the programmes offered by the college and provide a comparison with other colleges of the affiliating university within the city/district.

Course	2013 - 14		2012-13		2011-12		2010-11	
	Min %	Max %	Min %	Max %	Min %	Max %	Min %	Max %
B.Sc.(IT)	45.00	80.83	45.17	80.00	45.00	77.17	46.17	92.60
B.M.S.	45.38	84.60	45.00	77.80	45.00	77.33	45.17	85.71
B.A.F.	46.83	84.83	50.50	75.67	45.83	76.33	45.33	74.83
B.B.I.	45.50	78.83	47.83	75.50	45.17	64.67	-	-
M.Sc.(IT)	54.00	78.00	50.60	71.33	56.66	75.93	45.00	75.00
M.M.M.	43.00	63.00	44.42	69.28	56.12	68.50	-	-
M.F.M./M.	40.00	74.00	38.71	64.57	41.00	75.00	-	-
M.H.R.D.M.	48.00	64.00	53.00	74.50	35.00	58.57	-	-

2.1.4

Is there a mechanism in the institution to review the admission process and student profiles annually? If 'yes' what is the outcome of such an effort and how has it contributed to the improvement of the process?

- The Institute has a standard operating procedure (SOP) for admissions.
- As part of our standard operating procedure, the admission committee presents a review of the current academic year admission data in the month of September to the college administration/management.
- This review meeting is to study/analyze the trends in admission with respect to past records. This helps in analyzing the profile of students wanting to take admission in to various courses offered by VSIT.
- It helps us to identify which courses are being received well by the student's community at large and the courses that are not. This also provides food for thought for the departments to improve their admissions.
- The permissions and sanctions for additional intake are based on this review. For example. after review new courses were started and taken permission for additional divisions of MScIT (20 seats), BAF(60 seats).
- Admission Committee also gives recommendations for future implementation .

2.1.5

Reflecting on the strategies adopted to increase/improve access for following categories of students, enumerate on how the admission policy of the institution and its student profiles demonstrate/reflect the National commitment to diversity and inclusion

- SC/ST
- OBC
- Women
- Differently abled
- Economically weaker sections
- Minority community
- Any other

The reservation of seat for SC/ST, OBC, Women, differently-abled, economically weaker sections, minority community for various courses is done as per the university norms. The applications of students eligible for scholarships/ freeships are forwarded to Social Welfare department / Govt. of Maharashtra.

2.1.6

Provide the following details for various programmes offered by the institution during the last four years and comment on the trends. i.e. reasons for increase / decrease and actions initiated for improvement.

Programmes		Number of applications	Number of students admitted	Demand Ratio
UG				
1) BSc IT	2010	556	294	1.9
	2011	609	283	2.15
	2012	932	255	3.65
	2013	964	293	3.29
2) BMS	2010	243	163	1.5
	2011	252	166	1.51
	2012	191	151	1.26
	2013	183	135	1.36
3)BAF	2010	55	40	1.37
	2011	67	62	1.08
	2012	61	61	1.00
	2013	66	60	1.10
4)BBI	2010	-	-	-
	2011	28	24	1.17
	2012	21	19	1.11
	2013	42	41	1.02

Programmes		Number of applications	Number of students admitted	Demand Ratio
PG				
1) MSc IT	2010	35	11	3.18
	2011	32	20	1.60
	2012	37	22	1.68
	2013	28	22	1.27
2) MMM				
	2011	11	09	1.22
	2012	13	11	1.18
	2013	12	09	1.33
3)MFM				
	2011	24	24	1.00
	2012	12	10	1.20
	2013	31	20	1.55
4)MHRDM				
	2011	07	05	1.40
	2012	03	03	1.00
	2013	03	03	1.00

Part time Management programmes (MMM/MFM/MHRDM) are no longer popular due to 3 years duration.

2.2 Catering to Student Diversity

2.2.1

How does the institution cater to the needs of differently-abled students and ensure adherence to government policies in this regard?

The Institute completely abides by the government policies, rules and regulations regarding the needs of differently-abled students. Some of the policies include:

- Reserved Parking facility is provided for such students
- Classes are allocated at ground floor
- Sitting preferences are given within the classroom.
- Reserved washroom facility
- Computers with special accessibility support for differently abled students.
- Special classes, counselling sessions are arranged for these students as a part of academic support.
- Differently abled students are allowed to get writers during the time of examination.
- Extra Time is allotted as per University Guidelines to write semester-end examination.

2.2.2

Does the institution assess the students' needs in terms of knowledge and skills before the commencement of

the programme? If 'yes', give details on the process.

Eligibility norms of university allows students from commerce background to be admitted for B.Sc.(IT) programme and from Science/Diploma/Engineering background to be admitted for BMS programme.

Based on past experience, these students who change streams have some difficulty in subjects like Electronics (in B.Sc. IT) and Accounts (in BMS). Also students coming from vernacular medium are identified and given special attention/coaching.

2.2.3

What are the strategies adopted by the institution to bridge the knowledge gap of the enrolled students (Bridge/Remedial/ Add-on/Enrichment Courses, etc.) to enable them to cope with the programme of their choice?

The institute offers bridging courses (Introduction to Electronics and Basic Accounts) during the first semester to get students who have migrated streams on par with others. These courses are offered to all students who have changed stream.

Students coming from vernacular medium are given special coaching in English both spoken and written. **Language LAB** activity was conducted for BBI students. During the Language LAB seminars the students speak and the voice is recorded and then the grammatical errors are displayed on the monitor. Students can rectify their mistakes using this information.

Result review is done after every exam to find the performance of students. Remedial lectures are given to academically weaker students. Academic advisor mentor such students to understand their difficulties and recommend suitable add-on courses. Additional lab practical sessions are also conducted for such students.

2.2.4

How does the college sensitize its staff and students on issues such as gender, inclusion, environment etc.?

Vidyalankar is committed to affirmative action, equal opportunity and the diversity of its workforce. The Institution believes sensitization of both staff and students on issues such as gender, inclusion, environment, and social responsibility is very important. Some of the activities conducted in this regards are as follows:

- Women Development Cell (WDC) organizes special programmes throughout the year like Self-defense techniques workshop, Medical camp, Grooming sessions, Women's Day celebration etc.
- Experts are invited from the fields of interest to share and deliver their experiences and knowledge.

- Self defence programmes are conducted by Women's development committee
- Paper bags are prepared and distributed to the shop in the nearby locality to discourage the use of non-bio degradable plastic
- Student and staff volunteers help form queue at Bus stop outside the college.
- NSS wing of the college undertakes a wide range of activities and programmes to create awareness relating to social and environmental issues
- Tree plantation programme was conducted.
- Water for flushing purpose is drawn from the Sewage Treatment plant situated on the Campus World water day is celebrated with a guest lecture by eminent person.
- Uniform provided to non-teaching and administrative staff.

2.2.5

How does the institution identify and respond to special educational/learning needs of advanced learners?

The institution identifies the needs of advanced learners based on the results and inputs from academic advisors. In order to cater to these needs:

- Institute has a concept of Merit batches on the basis of the percentage scored by the students in the previous academic year. A batch of ten to fifteen students from every course is formed and special lectures are arranged to cater to their needs.
- References books are loaned from library are given to all toppers for the next academic session, to help them prepare better.
- Additional laboratory sessions are arranged for extra practical sessions.
- Additional practice tests are arranged to prepare them better for university examinations. Papers solved by students are assessed and feedback is given to the students for self-improvement.
- They are made to solve previous University examination papers.
- These students are also trained for research paper preparation

2.2.6

How does the institute collect, analyze and use the data and information on the academic performance (through the programme duration) of the students at risk of drop out (students from the disadvantaged sections of society, physically challenged, slow learners, economically weaker sections etc. who may discontinue their studies if some sort of support is not provided)?

The institute collects the information of academic performance through periodic review of tutorials, weekly test and mid-term results. The students whose performance shows a cause for concern are segregated. The following activities are done for such students:

- Academic advisors guide and counsel the students.

- Payment of fees in instalments is allowed on request.
- Students are also provided with information about trusts that provide assistance to deserving students.
- Freeship and scholarship forms are processed as per the government rules for reserved category etc.
- Students who are weak are been encouraged to attend remedial lectures. With the help of this we try to reduce the drop out ratio.
- Remedial lectures are arranged before ATKT/Re-examination so that the students can improve their performance and avoid dropping out.
- Expert professional counselling lectures by people like Dr. Rajendra Barve are arranged for students.
- Parents and teachers meeting for such students are arranged by PIC (Parent Interaction Committee).

2.3 Teaching-Learning Process

2.3.1 How does the college plan and organize the teaching, learning and evaluation schedules? (Academic calendar, teaching plan, evaluation blue print, etc.)

The University has two semesters in each academic year. The courses are taught in each semester through different teaching methods: lectures, video lecture, debate, mini projects, case study, presentation, practicals, tutorials, Industrial visits, guest lectures etc. and assessed via quiz, tutorial test, assignments, midterm test, weekly test etc.

Academic calendar:

It is prepared before commencement of each academic year and published on the college internal portal VSIT Live (live.vsit.edu.in). The Academic calendar has schedule of all activities (curricular, co-curricular and extracurricular) which are planned for the year.

Teaching Learning Plan (TLP) workshops:

At the end of each semester IQAC organises department-wise TLP workshop for the upcoming semester. During the workshops faculty members present their detailed Teaching plans with all aspects of teaching (Theory /Practical/ tutorial, Guest Lecture, Teaching aids, classroom activities) to the Principal, department coordinators and subject experts and peers.

Evaluation blueprint:

The TLP workshop is where each faculty member also provides the blueprint for evaluation. This is deliberated upon keeping in mind parameters such as University requirements, consistency and uniformity in evaluation. Weight-age of each component is as per university directives.

2.3.2

How does IQAC contribute to improve the teaching –learning process?

IQAC undertakes various activities for improving TLP which are summarized as follows:

1. TLP workshop in month of October and April to plan for the next semester.
2. Monthly review of TLP implementation is done and feedback is given.
3. Arranges sessions by eminent educators to improve pedagogy
4. Faculty development workshops on latest technologies / recent trends such as
 - Dale Carnegie workshops on improving presentation skills
 - Cheelan Bo-Linn and Dr. Dilip Chajeed from Center for Teaching Excellence, UIUC (University of Illinois, Urbana-Champaign, USA) conducted Workshop Series on "**The Foundations of Excellence in Teaching**"
 - Cheelan Bo-Linn and Dr. Dilip Chajeed from Center for Teaching Excellence, UIUC (University of Illinois, Urbana-Champaign, USA) conducted workshop Series on "**Excellence in Teaching: Beyond the Basics**"
5. Publish paper solutions of past examinations.
6. Faculty members are encouraged to solve question papers of previous examinations of the subjects which they intend to teach at beginning of semester.
7. IQAC does an academic review of earlier semester.
8. Preview of next semester.

2.3.3

How is learning made more student-centric? Give details on the support structures and systems available for teachers to develop skills like interactive learning, collaborative learning and independent learning among the students?

The institution provides necessary infrastructural resources and staff training to make learning more effective and student centric. Some of the ways to achieve these goals are as follows:

- Digitization of content (with multimedia enhancements) has been initiated for interactive and independent learning
- Role Play helps in active learning
- Collaborative activities such as Business Baazigar, Mock Stock Exchange etc. are conducted.
- Case study and Presentations are used to promote independent learning
- Group projects in areas such as Environmental Management, Adult literacy project, Polio, etc. are given to students.
- Flipped Classroom Methodology is used for some lectures to inculcate independent learning. In this students have to prepare the topic for the lecture at home and come to class.
- Video clips are used to enhance retention among students.
- Current Affairs Review.

2.3.4

How does the institution nurture critical thinking, creativity and scientific temper among the students to transform them into life-long learners and innovators?

The entire campus at large and the college building in particular are designed to stimulate creativity. To further nurture critical thinking, creativity and scientific temper among the students the Institute organizes various activities :

- **Tantravihar**, which is a Live Project exhibition
- **V-search**, an intercollegiate student research paper writing and presentation competition
- **Art to Art Exhibition**, conducted by Hobby Club to showcase students' hobbies and creative talents such as Sketching, Weaving, Painting photography etc.
- **CSI student chapter**, organizes various activities to promote application of knowledge in the area of Computing.
- The Institute organizes workshops, seminars and guest lectures by experts in contemporary topics / technology.

2.3.5

What are the technologies and facilities available and used by the faculty for effective teaching? Eg: Virtual laboratories, e-learning - resources from National Programme on Technology Enhanced Learning (NPTEL) and National Mission on Education through Information and Communication Technology (NME-ICT), open educational resources, mobile education, etc.

The technologies and facilities available at VSIT are:

- Individual Laptops for each faculty provided by institution
- Complete Wi-Fi enabled campus helps faculty members access e-resources from their personal devices.
- ICT facilities in all classrooms
- NPTEL videos are hosted on local server within the Institute
- Digital content with enhancements.
- VSIT Live, an collaborative, forum style web portal (live.vsit.edu.in) where students interact amongst peers and staff.
- V-Refer, an online resource library for independent learning
- Access to online resources of IEEE, EBSCO , J-Gate etc.
- Other softwares such as Scilab, R and Selenium are used by faculty members.
- Language Lab, contains e-learning resources for soft skill development specially to improve communication in English
- Moodle, used for online evaluation and testing

2.3.6

How are the students and faculty exposed to advanced level of knowledge and skills (blended learning, expert lectures,

seminars, workshops etc.)?

- You tube and NPTEL video clips form part of lectures
- A-View classrooms are used to provide blended learning
- Webinars such as Financial Planning, Cloud Computing, E.Y.E.S.(Enlighten Yourself Every Saturday) are conducted.
- Digitization of course material.
- Movie screenings
- Book and Paper reviews
- Faculty exchange with foreign universities
- Expert lectures by eminent scientists/authors/researchers/ professionals are routinely conducted on campus. Some of the experts who delivered lectures in recent past include Padma Vibhushan Dr. M. M. Sharma, Padma Vibhushan Dr. R. A. Mashelkar(Scientist), Dr. Sudha Deshpande(Researcher) , and Dr. Suma Chitnis(former Vice Chancellor of SNDT).

2.3.7

Detail (process and the number of students \benefitted) on the academic, personal and psycho-social support and guidance services (professional counseling/mentoring/academic advise) provided to students?

Academic Mentoring:

- Academic advisors are assigned for a group of 30 students.
- Mentoring handbooks are issued to Academic advisors.
- The Academic advisors have to collect all information of the students in the mentoring handbook.
- The Academic Advisor meets the students once in every month.
- The topic of discussion is recorded in the mentoring handbook with student's and Academic Advisor's signature.
- The academic problems and in some cases personal problems faced by the students are solved by the Academic Advisor.

The Institute also has an active Career counseling committee which organizes various programmes and events to educate and guide students about various options after completion of their programme.

2.3.8

Provide details of innovative teaching approaches/methods adopted by the faculty during the last four years? What are the efforts made by the institution to encourage the faculty to adopt new and innovative approaches and the impact of such innovative practices on student learning?

The Institute encourages faculty to adapt new innovative approach by organizing workshops and training. The innovative practices which have resulted in better students understanding

- **IEF (Informal Early Feedback)**

With this kind of feedback, students are able to tell faculty if they have understood the lectures or areas of improvement. They may also be able to tell us if the activities given to them are well aligned with the ways in which they are evaluated. Responding to students' comments by discussing them in class and making changes as appropriate, can lead to increased motivation, better learning, and possibly improved student ratings.

- **PBL (Problem Based Learning):**
Problem-based learning (PBL) is an approach that challenges students to learn through engagement in a real problem. Teachers in VSIT also endeavor to develop students' intrinsic interest in the subject matter, emphasize learning as opposed to recall, promote group work, and help students to become self-directed learners.
- **CAT (Classroom Assessment Techniques)**
Classroom Assessment Techniques are formative evaluation methods that serve two purposes. They can help you to assess the degree to which your students understand the course content and they can provide you with information about the effectiveness of your teaching methods.
- **TB (Team Building)**
Teambuilding activities increase the ability of students to work together. We make teams of students for following activities:
 1. Assignments
 2. Mini Projects
 3. Presentations
- **Video clips** are used to supplement lectures with audio visual clips
- **GQ (Graded Questions)** provided at end of each chapter are designed to evaluate the understanding of the topic.
- **Flipped Classroom Methodology:** a form of blended learning in which students learn new content online by watching video lectures, usually at home, and what used to be homework (assigned problems) is now done in class with teachers offering more personalized guidance and interaction with students, instead of lecturing
- **Digital Content:** Digitization of course material with enhancements like videos clips, animations, simulations etc. help student become independent learners.

These practices have resulted in improvement of attendance in classrooms, assimilation and retention of content and better results in examinations.

2.3.9

How are library resources used to augment the teaching-learning process?

The library has an open access system and remains open to teachers and students from 8.00 a.m. to 5.30 p.m. on every working day with all the sections open and book issuing facility available. The general reading rooms in the Central Library with text book section operating remain open till 8.00 PM.

Library has computers for free access to online resources.

On Sundays, the library remains open from 9.00 AM to 5.30 PM. The reading room of the library remain open for extended hours during examination season. Assignments and Homework is given from multiple reference books to promote use of resources by different sources and authors.

Teachers conduct 'Review of latest articles/ research papers' from journals.
"VRefer" is a digital repository of e-resources provided to the students.

2.3.10

Does the institution face any challenges in completing the curriculum within the planned time frame and calendar? If 'yes', elaborate on the challenges encountered and the institutional approaches to overcome these.

YES.

The challenges faced are:

- First year admissions are late so completing the syllabus on time.
- Teaching vernacular medium students.
- Students from commerce background admitted to FYBSc-IT and students from Science/Diploma/Engineering to FYBMS.
- Completion of final year syllabus on time.

To meet the challenges certain steps are taken like:

- Additional lectures are granted within the timetable for subjects which have been known to face time crunch.
- Language Lab is in place for vernacular medium students.
- Extra lectures for Accounts and Electronics are conducted.
- Conducting lectures for additional two weeks in month of April for students going to Semester III and V.
- Planned leaves are sanctioned only after the faculty have made adjustments of their lectures and forwarded a plan to make up for the loss of academic sessions.

The Institute ensures completion of curriculum.

2.3.11

How does the institute monitor and evaluate the quality of teaching learning?

- The TLP is reviewed by IQAC fortnightly to check for compliance and feedback is given.
- Formal feedback from each student is taken twice in a semester and communicated to the faculty to take appropriate steps if required.
- Students interaction with Principal (5 students per class) provide subjective feedback on quality of teaching learning.
- Result review is conducted and compared with previous years.
- Self-appraisals of faculty reviewed by the head of the department are done each semester where all the above criteria are factored.
- Subjects are divided into clusters and subject mentor is allotted to each cluster. Subject mentor audits the paper.

2.4 Teacher Quality**2.4.1**

Provide the following details and elaborate on the strategies adopted by the college in planning and management (recruitment and retention) of its human resource (qualified and competent teachers) to meet the changing requirements of the curriculum.

Highest Qualification	Professor		Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	Male	Female	
Permanent teachers							
D.Sc./D.Litt.	-	-	-	-	-	-	-
Ph.D.	-	-	-	01	00	00	01
M.Phil.	-	-	-	-	01	02	03
PG	-	-	-	-	10	24	34
Temporary teachers							
D.Sc./D.Litt.	-	-	-	-	-	-	-
Ph.D.	-	-	-	-	00	00	00
M.Phil.	-	-	-	-	00	00	00
PG	-	-	-	-	04	08	12
Part-time teachers							
D.Sc./D.Litt.	-	-	-	-	-	-	-
Ph.D.	-	-	-	-	01	01	02
M.Phil.	-	-	-	-	00	00	00
PG	-	-	-	-	16	03	19

Two Adjunct faculty members have also been appointed.

The College motivates & encourages the faculty members to enhance their skills by providing training sessions in order to prepare them to meet the changing requirements of the curriculum every year. The College has in place a training schedule for each academic year which means the faculty is ready to meet the changing requirements of the curriculum.

2.4.2

How does the institution cope with the growing demand/scarcity of qualified senior faculty to teach new programmes/modern areas (emerging areas) of study being introduced (Biotechnology, IT, Bioinformatics etc.)? Provide details on the efforts made by the institution in this direction and the outcome during the last three years.

In order to cope up with the growing demand of qualified senior faculty to teach

new programmes, the college undertakes the following measures:

- The college appoints experienced faculty with competitive salaries
- Adjunct professors are appointed as per requirements. Dr. Chandrahas Deshpande (Economics) and Mr. Makrand Deshpande (I.T.) are the adjunct faculty members appointed to the college for the Management & Commerce and I.T departments respectively
- Every semester seminars, workshop and training programmes are conducted for the faculty in different courses

2.4.3 a)

Providing details on staff development programmes during the last four years elaborate on the strategies adopted by the institution in enhancing the teacher quality.

a) Nomination to staff development programmes

Academic Staff Development Programmes	Number of faculty nominated			
	2010-11	2011-12	2012-13	2013-14
Refresher courses	-	-	-	-
HRD programmes	-	-	-	-
Orientation programmes	-	-	-	-
Staff training conducted by the university	08	09	21	23
Staff training conducted by other institutions	02		15	35
Summer / winter schools, workshops, etc.	-	-	-	04

2.4.3 b)

Faculty Training programmes organized by the institution to empower and enable the use of various tools and technology for improved teaching-learning

❖ **Teaching learning methods/approaches**

- 1) Teaching Learning and Planning workshop is conducted in the beginning of each semester.
- 2) Dale Carnegie workshop is conducted.
- 3) Subject notes and TLP Preparation Guidelines by Ms. Ujwala Sav, Mr. Asif Rampurawala on 12/10/2010.
- 4) Three days workshop on “The Foundations of Excellence in Teaching” University of Illinois at Urbana-Champaign by Cheela Bo-Linn (Head, Center for Teaching Excellence) and Dilip Chhajed (Director, MS in Technology Management) on 23/5/2011 to 25/5/2011.

5) The review session of UIUC. The speaker was Dilip Chhajed (Director, MS in Technology Management, University of Illinois at Urbana-Champaign).

❖ **Handling new curriculum**

- 1) Scilab Programming for Advanced mathematics and digital signal processing
- 2) VB.NET workshop by Ms. Pallavi Sawant on 16/4/2010
- 3) New syllabus of TYBMS by Ms. Yashoda Shetty, Mr. Vijay Gawde on 26/6/2010.
- 4) Assembly Language Programming using 8085 by Mr. Umesh Koyande on 19/11/2010, 21/11/2010, 22/11/2010.

❖ **Content/knowledge management**

- 1) Technical Seminars are conducted every week.
- 2) Everything on Research by Dr. A. M. Narsale on 7/9/2012
- 3) Short Term Certification Programmes for BScIT faculty by Mr. Asif Rampurawala, Ms. Sanjeela Sagar on 18/10/2012.
- 4) NET/ SLET workshop coordinated by Ms. Ujwala Sav, Ms. Prachi Mahajan on 18-11-2011, 19-11-2011.
- 5) Multi-threaded Programming and Process Synchronization by Mr. Shajil Kumar on 07-12-10.
- 6) Emotional Intelligence, Change Mgmt., Success Principles by Mr. Milind Kher on 18-03-13, 19-03-13, 20-03-13

❖ **Selection, development and use of enrichment materials**

- 1) Graphics and Animation seminar by Ms. Daizy Kulkarni on 20/9/2010
- 2) Seminar on “How to write a Research Paper” by Dr. Anjali Deshpande at VSIT, Wadala (E), on 10th June 2011.

❖ **Assessment**

- 1) Seminars are conducted by the Exam Committee at the end of each semester before the commencement of the exams.
- 2) Unfair means committee is conducting seminars per semester before the commencement of the exams.

❖ **Cross cutting issues**

- 1) Seminar on being an effective mentor by Ms. Prachi Mahajan on 6/8/2012

❖ **Audio Visual Aids/multimedia**

- 1) Use of VSIT LIVE by Mr. Asif Rampurawala on 11/10/2012
- 2) High Impact Presentation by Dr. Rajesh Shekhar on 28-04-10, 29-04-10

❖ **OER's**

❖ **Teaching learning material development, selection and use**

- 1) Training programme to Electronic Instruments by Mr. Kiran Datar, Mr. Umesh Koyande on 06-12-10

❖ **Others**

- 1) Yoga Session by Ms. Indrayani Nishane on 28/7/2012 and 29/9/2012.

- 2) Effective Counseling and Mentoring by Ms. Lalita Hariharan on 3/12/2010
- 3) Yoga for life by Mr. Eknath Chaudhari on 11/12/2010.
- 4) Balancing Work and Home by Prof. Seema Shah on 28-07-10
- 5) Facial Exercises and self-acupressure by Dr. Shalaka Chaskar on 23-09-10
- 6) Thinking Across Boundary by Dr. Deepak B. Phatak on 23-03-13

2.4.3 c) c) Percentage of faculty

Invited as resource persons in Workshops / Seminars / Conferences organized by external professional agencies:

- 10%

Participated in external Workshops / Seminars / Conferences recognized by national/ international professional bodies:

- 100%

Presented papers in Workshops / Seminars / Conferences conducted or recognized by professional agencies:

- 44%

2.4.4

What policies/systems are in place to recharge teachers? (eg: providing research grants, study leave, support for research and academic publications teaching experience in other national institutions and specialized programmes industrial engagement etc.)

The Institute provides complete support for the professional development of the faculty. It has an official programme/ policy for teacher development. It motivates the faculty to take up individual initiatives.

Research grants:

The R & D committee has budgetary provisions for supporting research activities of faculty.

Study leave:

Study leave is permissible as per university statutes.

Deputation to national/ international conferences / seminars:

The management encourages the faculty to attend national/ international conferences/ seminars. Duty leave is granted for the same.

TA/DA, registration fees is paid as per policy.

2.4.5

Give the number of faculty who received awards / recognition at the state, national and international level for excellence in teaching during the last four years. Enunciate how the institutional culture and environment contributed to such

performance/achievement of the faculty.

The Institute recognizes that its staff is its most valuable asset. Providing opportunities for faculty development is a high priority of the Institute. Enriching and advancing faculty members' skills in instruction, research, advising and administration are fundamentally important to the continued excellence of the Institute.

The faculty members who got recognition:

- Ms. Ujwala Sav got recognition as Best Student Branch Counselor in October 2013 jointly given by Computer Society of India (CSI).
- Mr. Binesh Nair got recognition as Best Mentorship Award in October 2013 jointly given by Computer Society of India (CSI) and Nurture Talent at Techunt 2013 conducted at IIT Bombay.
- Mr. Vijay Gawde got recognition as 'Avhan NSS State Level Camp contingent Leader', Mumbai City Zone of University.

2.4.6

Has the institution introduced evaluation of teachers by the students and external Peers? If yes, how is the evaluation used for improving the quality of the teaching-learning process?

- The college has a mechanism for obtaining feedback from the students. A Performa for feedback is circulated among all UG and PG students to evaluate the performance of the teachers
- The students anonymously provide feedback on teachers on performance in teaching, use of teaching aids, punctuality, and completion of syllabus, knowledge input, motivation and other aspects of teaching learning process on a scale of 0 to 4
- The data of individual teacher is shared with them personally
- This feedback is analyzed by the Principal and the management to find out the strengths and weaknesses of the teachers
- Scope for improvement is intimated to the respective teachers with suitable suggestions for improvements by the principal whenever needed
- External faculty who come for answer book moderation give a feedback with regard to subject coverage
- Subject mentors periodically attend classrooms to monitor the teaching process of new faculty.

2.5

Evaluation Process and Reforms

2.5.1

How does the institution ensure that the stakeholders of the institution especially students and faculty are aware of the evaluation processes?

The institution ensure that the stakeholders of the institution especially students and faculty are aware of the evaluation processes through:

- The college brochure given to each student at the beginning of the course

- Orientation programme for First Year students and parents are conducted in the first week of semester I
- Induction programme is conducted in the first week of every semester by the class teachers to make the students aware of the semester subjects, evaluation pattern, discipline, Annual activities, Seminars /workshops for students, career options etc.
- Notices issued by the examination department to various departments are also displayed on all notice boards and the college website (www.vsit.edu.in and live.vsit.edu.in) from time to time.
- Study material provided to students contains the scheme of examination.
- Library has the previous year **question papers** with **model solutions** for reference by staff and students.
- Exam cell keeps track of university circulars related to examinations and gives a presentation to all the faculty members about the evaluation procedure periodically.
- Faculty members are sent to attend various workshops conducted by University and other colleges to make them aware of evaluation process.
- A course diary for Theory and Practical is maintained by every faculty members for every class taught.

2.5.2

What are the major evaluation reforms of the university that the institution has adopted and what are the reforms initiated by the institution on its own?

Reforms of the University:

- Credit Based Semester Grading System (CBSGS) has been one of the major evaluation reforms that have been adopted by the Institution in the last 4 years.
- The college has served as a Lead college and Cluster center for M.Sc.(IT) Part I and Part II examinations.
- The college has served as a CAP (Central Assessment programme) for evaluation of TYBMS and TYBScIT semester-end examinations.

Reforms initiated by the institution

- EQ (past university Examination Questions) solutions in which we provide past university examination questions to students with solutions and also graded questions.
- Question paper audit- After the question papers are set for semester end examination they are reviewed by subject mentors and coordinators. For any consistency and coverage.
- Weekly test- Weekly test per subject is conducted every Monday
- Online mid term test via moodle-Online mid-term test for 20 marks is taken once in a semester.
- Mid Term Practical Examination- Mid practical examination is conducted to review the performance and to give them an idea of practical examination.
- Open book test for final year students is conducted.

2.5.3

How does the institution ensure effective implementation of the evaluation reforms of the university and those initiated by the institution on its own?

To provide effective implementation of the evaluation reforms :

- Exam cell with 4 members of faculty and 3 non teaching members and the Principal as Examination Controller work specifically for the implementation of all aspects of evaluation .
- CAP coordinator is appointed for every examination who oversees the assessment and moderation of all the University Papers. All necessary staffing and accounts related aspects are managed under the supervision of the Principal in conjunction with CAP coordinator.
- TLP Compliance report is taken in every 15 days.
- Course diary: For every subject taught in each division a course diary is maintained for theory and practical by the respective teacher. It contains all the information about the performance of each student.
- Lab Diary: For every practical subject taught in each division a lab diary is maintained by the respective teacher. It contains all the information about the practical conducted and marks obtained by each student.
- Project diary: For all final year students a Project Diary is maintained which contains the records of implementation and execution of the final year project.
- Also the Final Year Project Quality Assurance Committee (FYPQAC) takes care about all the aspects of project implementation from topic selection to final presentation /Viva-voce.
- Attendance records for the semester are displayed on the departmental notice boards. 75% attendance is mandatory for any student to take the end-semester exams.
- Mid –semester examinations are conducted every semester and for Final Year students, the results are displayed on the departmental notice boards.
- For Final Year answer scripts of preliminary examinations are also shown to the students to help them to analyze their mistakes.

2.5.4

Provide details on the formative and summative assessment approaches adopted to measure student achievement. Cite a few examples which have positively impacted the system.

Formative evaluation - Each subject teacher assess the students regularly on the basis of presentations, question answers during the lecture, informal early feedback, classroom assessment techniques, problem solving , team building . Evaluation system both external and internal is told to students in the orientation and induction.

Summative evaluation – We follow university pattern of evaluation. It has two components. The 60 marks for external exam and 40 marks for internal. 60 marks exam is conducted at the end of the semester. The question paper

format and model solutions are made available in the library for reference. The students who fail to pass in the courses are allowed to appear for the Re-examination scheduled as per University. Of the 40 marks allotted for internal marks, 20 marks for midterm examinations, 10 marks are for assignments, 5 marks are given for overall conduct and 5 marks for class participation. If a student fails in internal (40 marks) then he has to give project.

Weekly Test is conducted every Monday, Mid-term test is conducted at the mid of the semester (7th or 8th week), Preliminary examination are conducted 3 weeks before the commencement of the Final semester-end examinations.

2.5.5

Detail on the significant improvements made in ensuring rigor and transparency in the internal assessment during the last four years and weightages assigned for the overall development of students (weightage for behavioral aspects, independent learning, communication skills etc.

Steps taken by the college to improve rigor and transparency in internal assessment are as follows:

- Online mid-term examination provides questions to be picked randomly with shuffled options. This keeps the evaluation strictly objective and transparent.
- Assignments given to students are based on different reference books, this ensures students read more than one reference book.
- Evaluation scheme is given at the beginning of semester through induction programmes, Course material, college internal portal (VSIT Live) etc.
- Presentations of Case study/ mini-projects etc. are evaluated by multiple faculty members to ensure transparency.

The weightages assigned for each course are as per the guidelines defined by the University of Mumbai for each programme.

2.5.6

What are the graduate attributes specified by the college/affiliating university? How does the college ensure the attainment of these by the students?

The Institute believes the graduate attributes to be inculcated in its students as reflected in its Vision and Mission are:

- Critical thinking
- Lifelong learning
- Responsible citizens with global outlook
- Creativity
- Ethical Behaviour

In order to achieve this, it is essential that the faculty, the staff and the administration of the Institute serve as role models. Academic responsibilities come first at VSIT. Teaching methodology is so designed that intelligent young boys and girls who are willing to work hard can prepare to attain their goals. The Institute allows for and encourages a healthy relationship between students and faculty which provides both motivation and energy to attain common

objectives. The Institute offers opportunity for mentorship to help mould the character of its students.

2.5.7

What are the mechanisms for redressal of grievances with reference to evaluation both at the college and University level?

There are structured mechanisms for redressal of grievances. When the results at the college and University level are declared then the students can apply for:

- 1) **Verification**- Total mistakes, unchecked answers or marks not awarded in the assessed answer sheets are checked by the subject experts and amended results if any are declared.

- 2) **Photocopy**- Students get the photocopies of the checked answer sheets. If they find any problems they can report to the exam cell or university with permission of Principal and can apply for revaluation.

- 3) **Revaluation**- Complete answer books are reassessed by subject experts other than the examiner and amended results if any, are declared.

The college has in place an unfair means committee which handles all cases of malpractices during examinations as per the rules and regulations laid down by the University of Mumbai

2.6

Student performance and Learning Outcomes

2.6.1

Does the college have clearly stated learning outcomes? If 'yes' give details on how the students and staff are made aware of these?

Yes.

The syllabus provided by the University of Mumbai provides the learning outcomes for each programme. These learning outcomes are taken in to consideration during preparation of Teaching Learning Plan (TLP) for each course. These are then mapped to the learning outcomes of each course lecture plan. The students are made aware of these learning outcomes through the Induction programme conducted at beginning of each semester, The TLP is also shared with the students which contain the learning outcomes.

2.6.2

Enumerate on how the institution monitors and communicates the progress and performance of students through the duration of the course/programme? Provide an analysis of the students results/achievements (Programme/course wise for last four years) and explain the differences if any and patterns of achievement across the programmes/courses offered.

A periodic review is conducted during the departmental meetings where students who have been absent or performed below par in the weekly tests or mid term examinations are identified and a plan of action is

created. The results are communicated to students at the risk of failure and parents of such students are duly informed. The Institute also conducts remedial lectures for students who are at the risk of failure/drop-out.

2.6.3

How are the teaching, learning and assessment strategies of the institution structured to facilitate the achievement of the intended learning outcomes?

Teaching, learning and assessments strategies need to be closely aligned to reinforce each other. This ensures that the institute has developed strategies based on the Bloom's Taxonomy.

The basic levels of blooms taxonomy to remember, understand, apply, analyze, evaluate and create have been mapped with the activities being conducted for students in each year of their programme.

The students who start the programme in the first semester are trained to remember and understand fundamental concepts which form their base for the future. As the students progress the teaching, learning and assessment is built with intent to move them up the ladder towards finally being able to evaluate and create new solutions to real world / business problems.

2.6.4

What are the measures/initiatives taken up by the institution to enhance the social and economic relevance (student placements, entrepreneurship, innovation and research aptitude developed among students etc.) of the courses offered?

The College has constituted various committees like Placement Committee (PC), Entrepreneurship Development Activity Committee (EDAC), Career Counseling Committee (CCC), Research & Development Committee (RDC) and Institute Industry Interaction Committee (IIIC).

These committees have a mandate to take up initiatives in their respective areas for the betterment of students.

Some of these initiatives are :

1. Awareness seminars about the various courses and their relevance to students and parents.
2. Career Counseling Committee conducts seminars to highlight the various career opportunities available to students after their graduation.
3. A number of lectures are organized by highly experienced corporate professionals to highlight about job prospects, skills and training required for various jobs.
4. Mock placement Activity: A placement time table is prepared for Aptitude test, Group discussions, Technical skills and Personal Interview.
5. Visit to different industry is conducted for students.
6. Internship is provided to undergraduate students in companies like - WeChat, Birla Sunlife Insurance, NCR, L & T Infotech etc.

2.6.5

How does the institution collect and analyze data on student performance and learning outcomes and use it for planning and overcoming barriers of learning?

The College collects and analyze data on student through Continuous Evaluation System comprising of Assignments, Tutorials, Case Studies, Presentations, Weekly Tests, Online Mid Term Test and Semester End Examination. The institute also takes feedback of the students to evaluate the student learning outcome. If the Principal and the heads of departments find any barrier in learning, suitable remedial steps are initiated to overcome them. Some of the steps taken are arrangement of extra classes for the weak students, planning of doubt clearing sessions and conduction of mock tests.

2.6.6

How does the institution monitor and ensure the achievement of learning outcomes?

Result analysis is done based on the total attendance, participation in the class, marks scored in the assignments and weekly tests. The College monitors and ensures the achievement of learning outcomes through fortnightly departmental review meetings where the course diaries of the faculty along with the results of tests and mid-term examinations etc. are discussed. The subject mentors and head of the department take note of the achievements of the learning outcomes and if required steps for improvisation are derived.

2.6.7

Does the institution and individual teachers use assessment/evaluation outcomes as an indicator for evaluating student performance, achievement of learning objectives and planning? If 'yes' provide details on the process and cite a few examples.

Workshops, technical festivals, conferences and add-on courses for animation and graphic are conducted to improve the student's mindset and motivate them to do some innovations. A class teacher is appointed to every class in order to identify the weak students to help him/her with counseling and intensive remedial lectures. Mock interviews and GD sessions are conducted for all the students so that they are prepared before the placement interview

Any other relevant information regarding Teaching-Learning and Evaluation which the college would like to include.

CRITERION III : RESEARCH, CONSULTANCY AND EXTENSION



Students in Grand Finale of Tech-Hunt at IIT, Bombay



Vijanan - Student's Research Journal



V-Search an Inter - Collegiate Paper Presentation by Students



Members of Information & Communication Technology Quiz 2013 Conducted by CSI College Chapter



CSI - IT2020



"AVHAN" - The Training Camp on Disaster Preparedness



Rally on "World Hepatitis Day" by NSS Students



VISMIT - National Research Conference

CRITERION - III

RESEARCH, CONSULTANCY & EXTENSION

3.1 Promotion of Research

3.1.1 Does the Institution have recognized research centre/s of the affiliating University or any other agency/organization?

No.

3.1.2 Does the Institution have a research committee to monitor and address the issues of research? If so, what is its composition? Mention a few recommendations made by the committee for implementation and their impact.

VSIT has R&D committee which promotes, monitors, and acknowledges the research oriented activities in VSIT. The committee comprises of the following:

Table 3.1 Composition of the research committee

Name	Designation	Profile
Dr. Rohini Kelkar	Principal	Chairperson
Prachi Mahajan	Teacher, IT	Convener
Kiran Datar	Teacher, IT	Member
Sumbul Samreen	Teacher, Commerce	Member
Amaraja Shivkar	Teacher, IT	Member
Dr. Chandrahas Deshpande	Adjunct Professor	R & D expert
Mr. Makarand Deshpande	Adjunct Professor	Industry expert

R & D committee makes recommendations on a regular basis. Following are some of these with their outcomes.

Table 3.1.2 Recommendations and Impact of R & D Committee

Recommendations	Action for Implementation	Impact
Create awareness among teachers and students about emerging technology and trends	Technical Seminars	Helped the teachers to bridge the gap between industry and curriculum and students to become industry ready.
Faculty to conduct paper /book review	Twice a year	Students under the guidance of Faculty members presented papers and won prizes in inter-collegiate Paper presentations.
Organize research methodology workshop for teachers	Invited experts for hands on training on various steps involved in research	Many faculty members presented papers. Some faculty members registered for Ph.D.
To organize National level conference	VISMIT 2014, national conference was organized in collaboration with CSI (Computer Society of India)	More than 100 papers were received and VSIT teachers got exposure to many scholars across the country.
To publish research journal	In the process of getting ISSN number	10 papers of VSIT teachers were selected for publication after peer review.
To encourage students to write research papers	VSearch – a research paper competition was organized for students	Research papers from at least 10 leading colleges in Mumbai were presented.

3.1.3	<p>What are the measures taken by the institution to facilitate smooth progress and implementation of research schemes/projects?</p> <ul style="list-style-type: none"> § autonomy to the principal investigator § timely availability or release of resources § adequate infrastructure and human resources § time-off, reduced teaching load, special leave etc. to teachers § support in terms of technology and information needs § facilitate timely auditing and submission of utilization certificate to the funding authorities § any other
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The Institute is very keen to promote research activities among the staff members. A few of the measures taken up in this respect are:-

Autonomy to the principal investigator

The faculty members undertaking research related activities are encouraged to deploy post graduate students as the research associates.

Timely availability or release of resources :-

Budget allocation is done for the timely availability of funds for research. Research proposals are submitted by the faculty which are reviewed by the R & D cell. Then the allocations are made in terms of financial, physical and human resources.

Adequate infrastructure and human resources:

The Institute has provided laptops and subscription to many research journals. Highly experienced and distinguished adjunct professors have been appointed to assist and facilitate research activities at college level.

Time-off, reduced teaching load, special leave, etc. to teachers:

Special leave, if necessary is given to faculty members pursuing research. Nine faculty members have availed special concessions for PhD /Research work.

Support in terms of technology and information needs:

The Institute has access to various research journals. Help is also made available in terms of necessary software/hardware required for research. R & D Committee monitors proper utilization of resources for the research projects.

3.1.4	<p>What are the efforts made by the institution in developing scientific temper and research culture and aptitude among students?</p>
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The efforts made to develop a scientific temper and research culture among students are listed below:

- The Institute encourages students to participate in the ‘AVISHKAR’ Research Convention, conducted by University of Mumbai.
- The Institute encourage students to participate in inter collegiate paper presentation competitions. Faculty members train and guide students to participate in such competitions.
- PG students are encouraged to submit a scholarly term paper based on their final year project.
- Project exhibitions are arranged to showcase live projects of VSIT students.
- “V-Search” an inter-collegiate research paper competition is organized for the students.
- Students are encouraged to present papers in “VISMIT” National/International Conference.
- As a part of their internal assessment, faculty members make students take up case studies, mini-research projects, presentations based on primary data, etc.

3.1.5

Give details of the faculty involvement in active research (Guiding student research, leading Research Projects, engaged in individual/collaborative research activity, etc.)

Table 3.2 Research Activities by Faculty Members

Sr No .	Activity	Faculty involved
1.	Completed Ph.D.	▪ Four faculty members have completed Ph.D.
2.	Completed M.Phil.	▪ Five faculty members have completed M.Phil.
3.	Pursuing Ph.D.	▪ Nine faculty members have registered for Ph.D.
4.	Research projects	▪ One minor research project is completed by Dr. Rohini Kelkar ▪ One major and two minor research projects are ongoing by Dr. Rohini Kelkar, Abhijit Rane, Radhika Marathe and Dr. Chandras Deshpande
5	Collaborative research	▪ One project is ongoing by Asif Rampurawala in conjunction with foreign University
6	Implementing Course Management System (CMS)	▪ Five faculty members are involved in a project of training and using Moodle for students assessment (Prachi Mahajan, Seema Vishwakarma, Amit Kabra, Sandip Khandekar, Vinayak Karande & Poonam Mirwani)

7	Students' projects	<ul style="list-style-type: none"> All B.Sc (IT), M. Sc (IT) and BMS/BBI Faculty members are involved in guiding students.
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3.1.6	Give details of workshops/ training programmes/ sensitization programmes conducted/organized by the institution with focus on capacity building in terms of research and imbibing research culture among the staff and students.
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The Institute believes that cultivating a research culture among students and Faculty members is the gateway to achieve the objective of “making VSIT a research Institute involved in teaching” As a move towards achieving it, following programmes were organized in last 4 years.

Table 3.3 Workshops/training programmes by Institution

No	Workshop/ training program	Resource person	Objective
1.	Research Motivation	Dr. Nayana Tadvalkar (Researcher) conducted seminar on “Why do Research?”	To motivate and encourage teachers towards research
2	Research proposal writing	Dr. Vivek Patkar (Researcher), conducted seminar on Writing Research paper	To guide Faculty members in all the steps of research
3	Data analysis	Dr. Neeraj Hatekar (Economist) and Prof Seema Ukidave (Statistician)	To acquaint with tools and techniques of data analysis.
4	Writing skills	Dr. Sanjeewani Deshpande (Chairperson, VDT)	To train in writing skills with grammar and vocabulary
5	Communication skills	Mr. Milind Kher (Head, HR) on Negotiation Skills	To create awareness about negotiation skills
6	Synopsis preparation and presentation	Dr. Chandrahas Deshpande (Adjunct Faculty VSIT)	Hands on training
7	Technical Seminars	Mr. Makarand Deshpande (Adjunct Faculty VSIT)	To keep Faculty members updated on current developments in their field
8	Technical Writing	Dr. Anjali Deshpande (Professor, VIT)	To develop technical writing skills
9	Research Opportunities	Dr. Rajpal Hande (Director, Board of College, University of Mumbai)	To give awareness regarding University schemes related to research.

3.1.7

Provide details of prioritized research areas and the expertise available with the institution.

Table 3.4 Areas of Expertise in VSIT

Faculty	Prioritized Research Areas	Resource Person
Commerce	Environmental and International Economics	Dr. Rohini Kelkar
Commerce	Indian Economy, Economic Policy	Dr. Chandrahas Deshpande
Commerce	Accounting	Vijay Gawde
Commerce	Working Capital management	Poonam Mirwani
Commerce	Non-Performing Assets	Sandip Khandekar
English	Communication Skills	Dr. Sanjeevani Deshpande
IT	Image Processing	Makarand Deshpande
IT	Mobile Computing	Ujwala Sav
IT	Linux, ICT e-Assessment	Prachi Mahajan
IT	Soft Computing	Asif Rampurawala
IT	ICT e-Assessment	Seema Vishwakarma
IT	IP and Network Security	Pushpa Mahapatro
Management	Accounting	Dr. Subhash Desai
Management	Social Entrepreneurship	Abhijit Rane
Management	International Trade	Sumbul Samreen
Management	Environmental management	Dr. Siddhesh Patil
Statistics	Statistics	Suresh Patil
Software	Automation software	Milind Tadwalkar

3.1.8

Enumerate the efforts of the institution in attracting researchers of eminence to visit the campus and interact with teachers and students?

The Institute believes that an interaction and guidance from the researchers of eminence is a necessary step towards improving quality of teaching and learning. Various Committees are given the mandate to organize the following activities to attract people of eminence:

- Organizing guest lectures by Academicians and Industry Experts from renowned institutes through Conferences and Annual Conventions.
- Appointment of two adjunct professors – one from academics and one from the industry.
- Inviting scholars as resource persons for Inter-institutional “Best Research Paper” competition.
- The Institute has invited Dr. M.M. Sharma who delivered a speech on

‘Life of a Teacher, Researcher and Consultant in a University’, Dr. R.A. Mashelkar who spoke on ‘Building India as a Science, Technology & Innovation Superpower’.

3.1.9

What percentage of the faculty has utilized Sabbatical Leave for research activities? How has the provision contributed to improve the quality of research and imbibe research culture on the campus?

Nil

3.1.10

Provide details of the initiatives taken up by the institution in creating awareness/advocating/transfer of relative findings of research of the institution and elsewhere to students and community (lab to land).

The IQAC and Research Committee take up initiatives to create awareness and transfer the findings of research to students, community and society at large. Many staff members are involved in research. Most of them have published books, articles and research papers. These publications contribute to subject knowledge, community needs and industrial requirement.

- Based on the readings and research in the latest development in IT, new practical sessions are added every year, which have been developed with use of latest software and emulators for better understanding namely:
 - Greenfoot for java programming
 - Emulators for embedded programing
- The Research papers are put in the library for reference by students and teachers.
- Multiple applications developed by in-house faculty are used for efficient delivery of services such as result preparation, time-table making, examination form filling, attendance, etc.
- Case studies based on research papers by the faculty members are used for curriculum enrichment.

3.2**Resource Mobilization for Research****3.2.1**

What percentage of the total budget is earmarked for research?
Give details of major heads of expenditure, financial allocation and actual utilization.

About 1% of the budget of college, that is Rs. 6 lakhs are allocated for the research activities, the details of which are given below.

Heads	Financial allocations	Utilisation (A.Y 2013-2014)
VISMIT National Conference	Rs. 1,20,000	Rs. 57,641
V-Search students Research Paper Competition	Rs. 50,000	Rs. 29,208
Remuneration to eminent scholars	Rs. 50,000	Rs. 43,000
Workshops and Seminars	Rs.1,20,000	Rs.85,800
Publication	Rs. 1,20,000	Rs. 9,700
Reimbursement	Rs. 50,000	Rs.20,000 approx.
Book allowance	Rs. 30,000	-
Projects by students	Rs. 30,000	-
Miscellaneous	Rs.30,000	Rs.25,000

The R&D budget allocation has been increased to Rs.12,00,000/- for the academic year 2014-2015

3.2.2

Is there a provision in the institution to provide seed money to the faculty for research? If so, specify the amount disbursed and the percentage of the faculty that has availed the facility in the last four years?

The Institute has an earmarked budget to provide seed money for the projects by Faculty members. Currently one project is being carried on under each department by Radhika Marathe and Abhijit Rane (Management), Dr. Rohini Kelkar (Commerce) and Asif Rampurawala (IT).

Seed money is also provided for the faculty exchange program.

3.2.3

What are the financial provisions made available to support student research projects by students?

- The Institute makes financial help available for research projects by the students. Final Year Project Quality Assurance Committee reviews the proposals and accordingly allocates funds for the deserving projects.
- Students are encouraged to take up survey based research papers and their expenses are reimbursed.

3.2.4

How does the various departments/units/staff of the institute interact in undertaking inter-disciplinary research? Cite

examples of successful endeavors and challenges faced in organizing interdisciplinary research.

The Institute provides a research oriented environment for interpersonal interaction and research among the various departments and its staff-members. The Institute has been promoting efforts of the faculty members to organize inter-disciplinary seminars and conferences.

Some successful endeavors include:

- Dr. Rohini Kelkar published paper titled “ICT in Environmental Management”
- Ms. Ujwala Sav, IT Department and Ms Vandana Srivastav, TPO, had written a research paper on interdisciplinary research.
- Ms. Lakshmi Kavita, Commerce Department, published research paper on topic “Information Technology in Banking and Insurance”
- An Android workshop was conducted for all the departments by Ms. Sanjeela Sagar.
- A Workshop on NSE (National Stock Exchange) was conducted by Ms. Alka Dhingra, Management Department, as guidance to faculty members for Stock markets investment related research.
- Ms Reshma Suryavanshi published a paper title ‘Changing Role of Information Professionals in the Internet Era.’ 2009.

3.2.5

How does the institution ensure optimal use of various equipment and research facilities of the institution by its staff and students?

- The Institute works in two shifts as well as during the weekends. The equipments, library, laboratories are automatically utilized optimally.
- The R & D Committee is responsible for ensuring optimal use of facilities.
- Special training programmes are designed to create awareness about the use of library resources, laboratories and other facilities on the campus.
- Online research journals are available for students as well as faculty members through Wi-Fi access across campus.
- Research Journals and new reference books are displayed via exhibitions conducted by the library committee.

3.2.6

Has the institution received any special grants or finances from the industry or other beneficiary agency for developing research facility? If ‘yes’ give details.

The institute conducts capacity building workshops with the help of various agencies at the subsidized rate for the teaching and non-teaching staff as well as students of VSIT. It has entered into an agreement with the Tejas Computers for developing laboratory on the campus.

3.2.7

Enumerate the support provided to the faculty in securing research funds from various funding agencies, industry and other organizations. Provide details of ongoing and completed projects and grants received during the last four years.

Nature of the Project	Duration Year From To	Title of the project	Name of the funding agency	Total Grant		Total grant received till date
				Sanctioned	Received	
Minor projects	2009 Completed	Medical Tourism	University of Mumbai			Rs.15,000
Major projects	On going	Environmental Dimensions in Agricultural Exports	UGC	Rs.6.9 lakhs		
Interdisciplinary projects	August 2013- January 2014	Community Connect Fellowship	Blue Ribbon NGO	Rs.30,000		Rs.30,000
Students' Research projects	On going	Gayanka Sawardekar	University of Mumbai	Rs.10,000		Pending
Any other (specify)	Completed	VPRINT	VDT			

3.3

Research Facilities

3.3.1

What are the research facilities available to the students and research scholars within the campus?

- The Institute has an R & D committee to cater to the research related activities of both students and teachers.
- The Library is well equipped with appropriate number of books essential for research. The college Library subscribes to various e-journals, journals, books, periodicals and the magazines on various subjects useful for research.
- Computer Laboratories are equipped with latest software.
- Well-equipped Electronics Laboratory made available for electronics research.
- The Institute provides free internet and Wi-Fi facility to students as well as staff for the research work.

- Few specimen copies of projects are kept in the library for providing guidelines to the students.
- Computer Society of India (CSI chapter) membership for students and faculty is made available.

3.3.2

What are the institutional strategies for planning, upgrading and creating infrastructural facilities to meet the needs of researchers especially in the new and emerging areas of research?

- VSIT intends to take up more institutional memberships such as TOGAF.
- Efforts are being made to have partnership with industry for upgrading laboratories on the campus as already done with Tejas Computers.
- The Institute aims at applying to become a Research Centre.

3.3.3

Has the institution received any special grants or finances from the industry or other beneficiary agency for developing research facilities? If 'yes', what are the instruments / facilities created during the last four years.

No

3.3.4

What are the research facilities made available to the students and research scholars outside the campus / other research laboratories?

- MOU's with industry like iGate which provides exposure to students through live projects based on latest technology and research.
- Summer internships in second year help them to select better topics for projects based on their internship experience in the industry.
- The Institute has tie ups with industries for live projects.
- The Institute has tie-ups with various libraries like British Council, IITB and Nehru Science Center for access to wider research literature and resources.
- There is a mechanism by which faculty members are kept updated on upcoming conferences/seminars/workshops.

3.3.5

Provide details on the library/ information resource center or any other facilities available specifically for the researchers?

- The college Library has a section devoted for research with computers and internet is made available.
- Research scholars can get additional books issued for research when the need so arises.
- The Library is well-stocked and continuously upgraded with new

books and journals to help the researchers.

- Whenever required, an inter-library loan facility is provided.
- Subject-wise indexing of research articles is kept in the library for easy reference.
- Each faculty receives book allowance.

3.3.6

What are the collaborative research facilities developed/ created by the research institutes in the college. For ex. Laboratories, library, instruments, computers, new technology etc.

In association with Tejas Computers, an IT/Telecommunication Research Laboratory has been setup on campus.

3.4

Research Publications and Awards

3.4.1

Highlight the major research achievements of the staff and students in terms of

- * Patents obtained and filed (process and product)
- * Original research contributing to product improvement
- * Research studies or surveys benefiting the community or improving the services
- * Research inputs contributing to new initiatives and social development

The application based research projects that have contributed in better product / services to the institution and community are:

- Internal assessment online project
- CBSGS Grade card generation software project
- Timetable software project
- Online application for college examination project
- VSIT Live which is a student forum Recycling of newspapers
- Recycling of newspapers

3.4.2

Does the Institute publish or partner in publication of research journal(s)? If 'yes', indicate the composition of the editorial board, publication policies and whether such publication is listed in any international database?

VSIT publishes:

Vijanan - a student research journal in IT and Mangement

The Editorial Board of Vijanan consists of 4 faculty members from various departments who review and approve student research papers for publication.

VISMIT a research paper journal in IT, Commerce and Management

The Editorial board consists of external experts with substantial experience in academics, research and reviewing of research papers and articles.

3.4.3	<p>Give details of publications by the faculty and students:</p> <ul style="list-style-type: none"> * Publication per faculty * Number of papers published by faculty and students in peer reviewed journals (national / international) * Number of publications listed in International Database (for Eg: Web of Science, Scopus, Humanities International Complete, Dare Database) * Monographs * Chapter in Books * Books Edited * Books with ISBN/ISSN numbers with details of publishers * Citation Index * SNIP * SJR * Impact factor * h-index
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Table 3.6 Publications by Faculty Members

S.N.	Name Of Department	No of publications	Number of publications listed in International Database	Monographs	Chapter in books	Books Edited	Books with SBN/ISSN Number	Citation index	SNIP	SJR	Impact Factor	H Index
1	Commerce	29	-	-	10	01	03	-	-	-	-	-
2	IT	35	16	-	-	-	11	-	-	-	-	-
3	Management	21	15	-	02	01	01	-	-	-	-	-
	TOTAL	85	31	-	12	02	15	-	-	-	-	-

3.4.4	<p>Provide details (if any) of</p> <ul style="list-style-type: none"> * research awards received by the faculty * recognition received by the faculty from reputed professional bodies and agencies, nationally and internationally * Incentives given to faculty for receiving state, national and international recognitions for research contributions.
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Binesh Nair (Department of Information Technology) was awarded the Best faculty Award for Techunt-2013 event organized in IIT-Bombay by CSI and Nurture Talent in October, 2013.

3.5 Consultancy

3.5.1 Give details of the systems and strategies for establishing institute-industry interface?

Various committees have been created in VSIT to handle different aspects of the Institute's industry interactions. The Industry-Institute Interaction Committee, Vidyalankar Consultancy Services, Placement Committee and Entrepreneurship Development and Activity Committee, work with external organizations and industry at various levels. These committees are responsible for:

- Conducting Value Added Courses for students.
- Taking technical consultancy assignments.
- Arranging for professional consultancy programmes.
- Arranging placement drives and providing internship opportunities.
- Inviting industry experts for guest lectures.
- Arranging industrial visits.

3.5.2 What is the stated policy of the institution to promote consultancy? How is the available expertise advocated and publicized?

The Vidyalankar Consultancy Services (VCS) provides a comprehensive platform for utilizing this immense talent that lies within its human resources. It aims at betterment of its human resources by going beyond pedagogy and applying knowledge to analyse and solve real world problems, thereby driving a parallel revenue stream for VDT and its employees and contributing to society. To achieve this:

- The Institute encourages faculty members with adequate experience to provide consultancy to industry through Vidyalankar Consultancy Services (VCS)
- A policy document, "VCS-Policy, Process and Guidelines" has been framed which stipulates the policies governing VCS.
- Technical competencies are advertised on VCS website as well as through blogs, Facebook page, alumni meet, pool campus and also through technical events/programmes.
- Updated literature about the Institute is sent to companies to highlight the latest achievements made by the faculty as well as students.

3.5.3

How does the institution encourage the staff to utilize their expertise and available facilities for consultancy services?

- To encourage the staff to utilize their expertise, a revenue sharing model has been developed.
- Weightage is given to faculty members in the annual appraisal for the consultancy work they have done.
- VCS regularly interacts with faculty members via seminars and workshop e.g. Introduction to VCS by Anand Paralkar, SAP by Arunjit Chaudary.
- Faculty members are deputed for skill enhancement programmes.
- VCS circulates consultancy opportunities in the internal forums.

3.5.4

List the broad areas and major consultancy services provided by the institution and the revenue generated during the last four years.

The areas of major consultancy services done so far are:

- IT Consultancy to Institute of Chemical Technology (Revenue generated is Rs. 2.5 lakhs)
- Training programme (revenue generated is Rs. 1.32 lakhs)
 - JAVA Basics with Android.
 - ERP and Business Processes using SAP.
 - Ethical Hacking
 - Presentation and Communication skills.
 - PCB Design using OrCad.
- Certificate Course in 2D Animation (revenue generated is Rs. 4.8 lakhs)
- Certificate Course in Graphics (revenue generated is Rs. 3.8 lakhs)

3.5.5

What is the policy of the institution in sharing the income generated through consultancy (staff involved: Institution) and its use for institutional development?

- All the members who work on a project where the project uses the infrastructure of an Institution would get a combined remuneration of 50% of the Effort Cost. The remaining 50% of the Effort Cost would be retained by the VCS.
- All the members who work on a project where the project does not use the infrastructure of an Institution would get a combined remuneration of 70% of the Effort Cost. The remaining 30% of the Effort Cost would be retained by the VCS.

3.6

Extension Activities and Institutional Social Responsibility (ISR)

3.6.1

How does the institution promote institution-neighbourhood-community network and student engagement, contributing to

good citizenship, service orientation and holistic development of students?

The institution has Units such as NSS (National Service Scheme), VVC (Vidyalankar Volunteering Committee) & Student Council which promote various activities and drives for developing better citizens and providing holistic development of the students.

3.6.2

What is the Institutional mechanism to track students' involvement in various social movements / activities which promote citizenship roles?

The Institute maintains records of committee reports under different heads of committee teams. It also keeps track of social movements and activities done by students, faculty members and institution by Student's Diary, NSS Diary and Mentor Book.

The NSS Diary is maintained by the students to keep a track of participation in NSS related activities.

VVC and NSS maintain a record of all the NSS activities and publishes it half yearly.

NSS diaries are scrutinized at the Institute level and University level.

3.6.3

How does the institution solicit stakeholder perception on the overall performance and quality of the institution?

During the conduct of various activities, experts from various fields, educationists and well known personalities visit the Institute. Informal feedback is sought from them about their perception of the institutional performance and the quality of the Institute. Similarly informal feedback is also obtained from parents during parents meeting which helps in gaining an insight about the stakeholder's perceptions.

- Parents Interaction and Feedback
- Students Feedback
- Alumni Forum
- Employees' suggestions
- Management Inputs
- Visitors Book

3.6.4

How does the institution plan and organize its extension and outreach program? Providing the budgetary details for last four years, list the major extension and outreach program and their impact on the overall development of students.

The NSS unit, WDC and VVC prepare a budget for the activities conducted.

Table 3.7 Extension and outreach programmes by the Institution

Sr. No.	Activity	Description	Impact
1	Blood Donation Camp	Spreading awareness about blood donation	Learning Social Responsibility
2	Polio Drive	Make children aware of the ill-effects of polio	Health Awareness
3	Exam Writers for little Angels School	School children who were not able to study due to their physical problems were motivated to give exams by providing them writers	Children learnt Time Management
4	Say No to Plastic	Spreading a word of awareness was spread to use paper bags and avoid plastic bags	Discipline inculcated amongst students
5	Shantivan Visit	Visit to Leprosy Rehabilitation, Old age home and dependence home	Team work, conflict management learnt by students
6	Peace Rally	A peace rally was conducted to spread message of peace.	Improve Emotional Quotient.
7	Bus Stop Queue Drive	Inculcate habit of making queue at bus stop	Sense of discipline
8	Canteen Self Service	inculcate self-service habit amongst students	Dignity of labor
9	MDAC' Red Ribbon	Spread awareness related to AIDS	Health awareness
10	Donation of School Kit Mangaon	Assistance to the school children of Mangaon	Social Responsibility
11	Tree Plantation	Spread message to Grow more ecologically important trees	Environmental awareness
12	Malaria Awareness	Awareness about Malaria (BMC Training)	Health awareness
13	Hepatitis B Awareness	Awareness about Hepatitis B	Health awareness
14	Youth day Celebration	Challenges faced by today's youth	Responsibility amongst youth

15	World Water Day	Spreading awareness about saving water and water supply system of water to Mumbai	Respect environment
16	Disaster Management training	Training for disaster management	Disaster management
17	Special camp	Special camp for building leadership skills	Build Leadership skills
18	Ecofriendly Ganesha	Awareness for use of ecofriendly material	Respect environment
19	LTD Rally	Awareness against use of Liquor, Tobacco, drugs	Health awareness
20	World Yoga Day	Session for benefits of yoga	Health awareness
21	Road safety Workshop	Session for training students to follow road safety rules	Discipline
22	Note Book preparation and distribution	Note Book preparation and distribution to under privileged children	Social Welfare

3.6.5

How does the institution promote the participation of students and faculty in extension activities including participation in NSS, NCC, YRC and other National/ International agencies?

Faculty members are encouraged to participate in NSS and VVC activities.

In the general orientation of students the information related to NSS is given to students and then the NSS promotion programme is done in every class to encourage students to participate in NSS activities.

Senior students conduct presentations and promotion activities to spread awareness amongst junior students and get volunteers.

The students who are registered are briefed by the NSS programme officer and student representatives.

Certificates are issued to the NSS Volunteers and gracing of 10 marks in academics is awarded to students.

3.6.6

Give details on social surveys, research or extension work (if any) undertaken by the college to ensure social justice and empower students from under-privileged and vulnerable sections of society?

- A Health Checkup was conducted by NSS volunteers at CGS Welfare Association.

- The NSS unit of college conducted a survey at Mangaon Dist. Raigad for Under- privileged and vulnerable section of tribal community to find demographic basis of income.
- Distribution of School Kits was done to the economically backward school students.
- An awareness drives for Polio, Malaria, Hepatitis B, Anti-smoking and “No-alcohol” was conducted by NSS Unit.
- School children from Little Angles School, who were not able to study due to their physical problems, were motivated to take their exams with the help of writers provided by VSIT.

3.6.7

Reflecting on objectives and expected outcomes of the extension activities organized by the institution, comment on how they complement students’ academic learning experience and specify the values and skills inculcated.

Implementing extension activities like Blood donation camp, Thalassemia Testing, Tree plantation, NSS residential camp help students acquire knowledge, experience and values like cooperation, volunteering, self-reliance, social awareness, water management. It makes an impact on their academic learning and influences their personality.

Aims and Objectives

- Understand the community in which they work.
- Understand themselves in relation to their community.
- Identify the need and problems of community.
- Develop among them a sense of social and civic responsibility.
- Utilize their knowledge in finding practical solutions to individual and community problems.
- Develop competence required for group living and sharing of responsibilities.
- Gain skills in mobilizing community participation.
- Acquire leadership qualities and democratic attitude.
- Develop capacity to meet emergencies and natural disasters.
- Practice national integration and social harmony.

3.6.8

How does the institution ensure the involvement of the community in its reach out activities and contribute to the community development? Detail on the initiatives of the institution that encourage community participation in its activities?

Health Camp is conducted by NSS Unit on 2nd October of every year to spread health consciousness amongst people at CGS Welfare Association. The Institute ensures the involvement of the community by undertaking following activities like Aadhar card registration procedure in the college campus, Tree Plantation and Voting Card registration. The Institute made

efforts to start bus Service from college door-step: Bus nos. are 110 and 175.

3.6.9

Give details on the constructive relationships forged (if any) with other institutions of the locality for working on various outreach and extension activities.

- NSS Unit and NGO Maharashtra Sahyog Seva distributed School kits at Mangaon, Dist. Raigad from 28th May, 2012 to 30th May, 2012.
- In association with Lions Club, Shivaji Park, Mumbai, the NSS Unit organized medical camp for vulnerable under-nourished children on 6th October, 2013.
- NSS Unit took part in Traffic Police activity for Road safety in association with Mumbai traffic Police
- VIST along with the Mumbai Police conducted activity Mriutyunjay.
- The Unit made efforts to promote the activities of the J. J. Mahanagar Palika Blood Bank.
- A campaign was done for registration of people from surrounding locality for Aadhar card (NUID) and Voters ID for Election Commission.

3.6.10

Give details of awards received by the institution for extension activities and/contributions to the social/community development during the last four years.

Based on the work done by NSS Unit for state Level Camp on Disaster Preparedness camp at Swami Ramanand Tirth University, Nanded, Programme Officer was selected as Contingent Leader.

3.7

Collaboration

3.7.1

How does the institution collaborate and interact with research laboratories, institutes and industry for research activities. Cite examples and benefits accrued of the initiatives - collaborative research, staff exchange, sharing facilities and equipment, research scholarships etc.

The Institute has forged strong collaborations with various universities in US and UK. Following activities are the result of these collaborations

- Prof. Dharmendra Shadija (Sheffield Hallam University, UK) conducted workshop on 'Object Oriented Programming Techniques' for VSIT staff in January 2010.
- VSIT faculty members Asif Rampurawala and Shajil Kumar PA were part of a faculty exchange programme with Sheffield Hallam University, UK in 2011.
- Prof Chris Bates (Sheffield Hallam University, UK) conducted lectures for students at VSIT and took training sessions for faculty members in 2011.
- Cheelan Bo-Linn and Dr. Dilip Chajeed from UIUC (University of

Illinois, Urbana-Champaign, USA) conducted a Workshop Series on **"The Foundations of Excellence in Teaching"** 23rd May – 25th May, 2011

- Cheelan Bo-Linn and Dr. Dilip Chajeed from UIUC (University of Illinois, Urbana-Champaign, USA) conducted workshop Series on **"Excellence in Teaching: Beyond the Basics"** in 21st January –22nd January, 2013

3.7.2

Provide details on the MoUs/collaborative arrangements (if any) with institutions of national importance/other universities/ industries/Corporate (Corporate entities) etc. and how they have contributed to the development of the institution.

MoUs signed by VSIT

- Penn State University (USA) signed in 2006
- Sheffield Hallam University (UK) signed in 2008
- Fresno State University (USA) signed in 2009
- Aston University (UK) signed in 2009
- Patni Computers signed in 2009
- University of Toledo (USA) signed in 2013
- iGate signed in 2014

3.7.3

Give details (if any) on the industry-institution-community interactions that have contributed to the establishment / creation/up-gradation of academic facilities, student and staff support, infrastructure facilities of the institution viz. laboratories / library/ new technology /placement services etc.

- Health Camp is conducted every 2nd October for community and staff in association with Lions Club.
- MOU with i-Gate provides opportunity for:
 - Staff development programmes
 - Placement for students
 - Live Projects for students
- National Skill Development Limited has conducted a skill development course for students in Financial Markets.
- EBTS conducts value added courses for students to bridge Industry-Academia gap.
- Tejas Computers has setup a research laboratory on campus.

3.7.4

Highlighting the names of eminent scientists/participants who contributed to the events, provide details of national and international conferences organized by the college during the last four years.

The eminent scientists/ participants who contributed to the events, provide details of national and international conferences organized by the college are:

- Dr. Chandrahas Deshpande (Economist)
- Dr. Richa Jain (BMS Coordinator, Thakur College)
- Mr. Ravi Raman (Chief Solution Evangelist, iCreate)
- Dr. Sureshchandra Gupta (Ex-HOD, Physics, University of Mumbai)
- Mr. Abraham Koshy (Head of CSI, Mumbai)
- Mr. RajendraPatil (S.K.Somaiya, Mumbai)
- Dr. Anjali Panigrahi (Chetna Hazarimal Somani College)
- Ms. Jayalakshmi Srinivasan (Vivekanand Education Society)
- Dr. Prakash Salvi (HOD, Economics Dept., Ruparel College)

3.7.5

How many of the linkages/collaborations have actually resulted in formal MoUs and agreements ? List out the activities and beneficiaries and cite examples (if any) of the established linkages that enhanced and/or facilitated -

- a) Curriculum development/enrichment
- b) Internship/ On-the-job training
- c) Summer placement
- d) Faculty exchange and professional development
- e) Research
- f) Consultancy
- g) Extension
- h) Publication
- i) Student Placement
- j) Twinning programmes
- k) Introduction of new courses
- l) Student exchange
- m) Any other

a) Curriculum development/enrichment

- Bridging modules have been developed with Sheffield Hallam University and Aston University.
- Syllabus revisions workshops conducted in collaboration with IT Academic Forum.

b) Internship/ On-the-job training

Internship program for students are conducted with

- Birla SunLife

- 3HD Media

c) Summer placement

Summer placement programmes have been started in which students get practical industry exposure and also allow students to earn money.

- WeChat
- L & T Infotech
- NCR

d) Faculty exchange and professional development

- Faculty exchange program with Sheffield Hallam University (UK).

e) Research

- Joint research initiative with Aston University, UK has been started.

f) Consultancy: NIL

g) Extension: NIL

h) Publication:

- Faculty members are writing research articles and papers in collaboration with Aston University, UK.

i) Student Placement: NIL

j) Twinning programmes

VSIT has tie-up with various foreign Universities for the following programmes-

- ❖ B.S. (Information Science and Technology) from Penn State University, USA
- ❖ B.Sc. (Software Development) from Sheffield Hallam University, UK
- ❖ B.S.(Computer Science) from Fresno State University, USA
- ❖ B.Sc. (Software Engineering) and M.Eng. (Software Engineering) from Aston University, UK
- ❖ B.B.A. from University of Toledo, USA
- ❖ B.S.(Business Administration) from Fresno State University, USA

k) Introduction of new courses: NIL

l) Student exchange: NIL

m) Any other: NIL

3.7.6

Detail on the systemic efforts of the institution in planning, establishing and implementing the initiatives of the linkages/ collaborations.

Outreach committees like Placement committee, R&D committee, Industry Institute Interaction Committee, Vidyalankar Consultancy Services, Entrepreneurship Development Activity Committee have a mandate to interact with various stakeholders and establish collaborations. The potential collaborations are reviewed by IQAC and forwarded to top management for formalization of agreement.

Any other relevant information regarding Research, Consultancy and Extension which the college would like to include.

The Institute's long term plan is to transform from being a Teaching Institution involved in Research to a Research Institution doing Teaching. The Institution is taking steps towards achieving this goal such as conducting a National Research Conference, Student research competitions etc.

The Institute is permanently non-grant institute (PNG). In order to continue provide quality education the Institute wants to generate a revenue stream which would help take care of ever growing expenditure without substantial increase in fees for students. Vidyalankar Consultancy Services is a step towards achieving this.

VSIT believes in the philosophy of "Learn, Earn and Return". Through the various extension activities like NSS and VVC, the Institute tries to inculcate this philosophy amongst students.

CRITERION IV : INFRASTRUCTURE & LEARNING RESOURCES



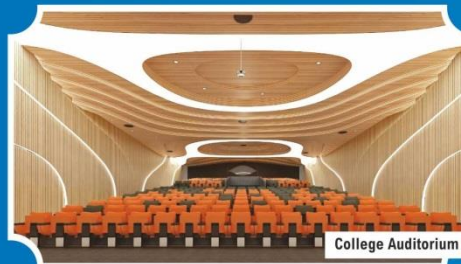
Refreshing in the Canteen



Recreation at Gymkhana



Vprint- Centralised Printing Station



College Auditorium



Library - Study Center



Practical Session (Computer Laboratory)



Practical Session (Electronics Laboratory)



Participation for Field Games

CRITERION – IV

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 Physical Facilities

4.1.1 What is the policy of the Institution for creation and enhancement of infrastructure that facilitate effective teaching and learning?

The college has effective policy to provide state of the art infrastructure for teaching and learning with modern aids. The policy ensures maximum and optimum utilization of space and infrastructure to facilitate interactive learning. The fundamental task of campus planning is to maintain highly functional campus facilities which support the Institute's educational and operational programmes while maintaining a healthy and attractive environment for the people who study and work at All modern IT tools are adequately available. The campus offers students a vibrant and attractive setting for their studies.

4.1.2 Detail the facilities available for

- Curricular and co-curricular activities-classrooms, technology enabled learning spaces, seminar halls, tutorial spaces, laboratories, botanical garden, Animal house, specialized facilities and equipment for teaching, learning and research etc.
- Extra-curricular activities-sports, outdoor and indoor games, gymnasium, auditorium, NSS, NCC, Cultural activities, Public speaking, communication skills development, yoga, health and hygiene etc.

The details of the facilities available with the Institute are as under :

(a) For curricular and co-curricular activities :

Class rooms/tutorial spaces:

- The institute has 16class rooms with a seating capacity of 60 students each and 4class rooms with a seating capacity of 30 students each.
- All class rooms have basic facilities of air-conditioners with permanent fixtures of projectors, light, blackboards and requisite benches, podiums.

Technology Enabled learning spaces:

- The institute has ICT enabled lecture rooms which are equipped with projectors to promote learning through multimedia.
- All faculty members are provided with a laptop each which are used in lecture rooms for power point presentations, video; and other multimedia application.
- Entire institute has Wi-Fi connectivity for internet access.
- Our library and laboratories are equipped with computers for providing internet access as well as access to online journals and databases.

- V- Refer is a digital library which enables access to digitized academic content .
- The modern state-of-art seminar halls and an auditorium is also equipped with projector, sound system, white board, with facilities which facilitate visual aids in teaching-learning such as documentaries, movies, slide shows, webinars etc. to a large audience.

Seminar Halls:

The institute has 6 fully equipped seminar halls which are regularly used for conducting student seminars, conference, group presentations, project presentations, guest lectures, meetings etc. by both UG & PG students and faculty members.

Laboratories:-

- The institute is equipped with seven computer laboratories for the regular conduct of their computer practicals.
- Computers are available in the ratio of 1:1 for students during practicals.
- The institute has electronics laboratory with kits for carrying out electronics practicals.
- All laboratories are air-conditioned and are having internet facility.
- The institute has number of licensed software.
- Up gradation and maintenance of laboratories are handled by an efficient team of faculty, technicians, and laboratory staff.
- All computer laboratories are open from 8.00 am to 5.00 pm on working days and in case of necessity, they are kept open on holidays and Sundays as well.

Specialized facilities and Equipment for teaching, Learning & Research:-

- The institute is equipped with seven computer laboratories having a total of 240 computers connected with internet facility.
- Wi-Fi facility has been established through installed Wi-Fi access points for access of internet by faculty, staff and students from any location within the college campus. This facility helps the faculty and students in accessing e-journals, and e-databases. Additionally case studies can also be downloaded and shared among the academic community.
- The institute has subscribed to online journals like EBSCO , IEEE Explore, J-Gate Plus.
- The institute's self-developed 'VSIT live' provides a platform for communication between faculty and students to retrieve the information online. Digitized notes, Syllabus, Question paper of previous years and solutions of any of the tests on its completion are available on 'VSIT live'.
- All Faculty members are provided with Wi-Fi enabled laptops which are needed to prepare their PPTs, Digital notes, Videos , Documentaries and other study material. The faculty can access latest updates in their subject area etc. and share it with students.
- All faculty members and staff are provided with official email ids.
- The staff room has a desktop with an attached printer.

- The institute has a world class automated in-house printing facility (VPrint) . This enables students to issue print commands virtually from anywhere at most affordable prices.
- The institute provides printed study-material to help students understand the subject matter.
- The institute encourages and motivates faculty for research activities and Duty leaves are sanctioned to attend seminars, conferences and workshops.
- Financial assistance is extended as per laid down norms of the institute for research initiatives

Landscape

The Institute recognizes the importance of landscaping and is aware that it is the landscape and not the buildings, which on the mature campus, creates visual impact and continuity. The landscape creates vistas and provides delight. The Institute has appointed a Landscape architect. He has been briefed to preserve most of the wooded areas.

(b) For Extra-curricular Activities :**Sports (Outdoor and Indoor Games) :**

- The institute has two grounds which are available for outdoors sports, and a gymkhana for indoor sports activities.
- The institute has a full-time Sports-in-Charge to nurture talented sports enthusiastic from amongst our students.
- The institute organizes an “Annual Sports Day” every year in which the students participate in many outdoor and indoor games like Volley ball, Cricket, Table Tennis, Football, Chess etc.
- The institute promotes sports activities by permitting its students to participate in Inter-Collegiate tournaments and University level sports events . Students participating in Sports are given attendance and other support by faculty whenever they are required to attend tournaments at University/State/National levels.
- Facilities for sports like Volleyball, Table Tennis, Chess, Carrom etc. are provided to students within the College campus.
- Special Summer Camps are organized for training budding talents in sports.
- All required equipment is made available by the Institute.

Auditorium/ Seminar Halls :

- The institute has an Auditorium and six seminar Halls on the Campus. They are State-of-the art with all modern amenities like projectors, modern audio and visual System.
- The seating Capacity of the auditorium is approximately 300 persons.
- Each Seminar Hall accommodates averagely 100 persons.

NSS :

- Our institute has a registered NSS Unit .
- Vidyalankar Volunteering Committee(VVC) works with NSS and there is a budget earmarked for these activities.

- Shared activity room for NSS and other cultural activities has been provided.

Cultural Activities:

- The institute organizes VIGOUR which is an inter-collegiate event organized by student's Council and VERVE , an inter-house cultural festival (gathering) every year. They use the Open-air stage available on campus for various events. The infrastructure is outsourced for the event and budget is allocated.
- Shanivaar manch is a weekly cultural event conducted in the common passage within the building called the "Tree Area".

Public Speaking and Communication Skill Development :

- The Institute provides a structured soft-skill development programme (2days per semester for all 6 semesters) to all its students free of cost organized by experts from Dale Carnegie Institute.
- Language Laboratory is in place for linguistic activities.

Yoga :

Yoga sessions are organized for students and staff by professional trainers on a regular basis.

Health and Hygiene :

The institute has special concern for maintenance of health and hygiene of our students, staff and other members in the campus.

- Medical insurance for staff and students.
- First- aid kit is available in the college office.
- There is a provision for "Ambulance on call" with a paramedic in case of medical emergencies.
- There are separate washrooms for boys and girls on ground floor and first floor.
- Classrooms, Corridors , Staffroom ,Office and Washrooms are cleaned regularly by outsourced housekeeping agency fulltime.
- Purified drinking water is available on ground floor and first floor. The portability test is done every six months.
- Emergency Evacuation plan exists.
- Canteen is supervised by experts from Government Catering College, Dadar.
- Modern High end industry grade equipment for cleaning.

4.1.3

How does the Institution plan and ensure that the available infrastructure is in line with its academic growth and is optimally utilized? Give specific examples of the facilities developed/ augmented and the amount spent during the last four years.

The college has effective policy to provide state of the art infrastructure for teaching and learning with modern aids. The policy ensures maximum and

optimum utilization of space and infrastructure to facilitate interactive learning. The infrastructure is utilized for conduct of full-time UG and PG courses, part time PG courses, Personal Contact Programme (PCP) Centre associated with Distance Education, University of Mumbai (IDOL), Add-On Courses, College and University Exams, Preplacement Training Programmes, Campus & Pool Campus Placements.

For Optimal utilization of available infrastructure , courses are run in two shifts starting at 07.30 a.m and 11.30 a.m. Part-Time Post-Graduate Management courses are conducted late Fridays & Saturdays and full day on Sundays. Since its inception in 2002, the Institute has been keeping pace with the changing needs and requirements to meet its academic growth. Additional infrastructure is provided from time to time.

The details of the facilities in the last four years are available in the audited balance sheet attached (Annexure IV).

Furniture and fixtures are incorporated as and when required.

4.1.4

How does the Institution ensure that the infrastructure facilities meet the requirement of students with physical disabilities?

The institute ensures that all class-rooms and examinations are conducted on the ground floor for students with physical disabilities. In addition, our library and canteen is also on ground floor and accessible to them. Ramp facility is provided in washroom on the ground floor. Assistance of attendant is provided as and when required.

The institute is also making special efforts to make its campus more accessible to persons with disabilities.

College arranges for writers for students with physical disabilities. Reserved parking on campus for differently-abled is available.

4.1.5

Give details on the residential facility and various provisions available within them

- ⇒ Hostel Facility
- ⇒ Recreational facilities, gymnasium yoga Centre etc.
- ⇒ Computer facilities including access to internet in hostel
- ⇒ Facilities for medical emergencies.
- ⇒ Library facility in the hostels
- ⇒ Internet and Wi-Fi facility
- ⇒ Recreational facility-common room with audio-visual equipment
- ⇒ Constant supply of safe drinking water
- ⇒ Security

Central hostel facility for Vidyalkar students is available at Nerul, Navi Mumbai (24 Km. from college). Hostel Rooms can be utilized by students and staff.

Guest house is available on campus.

4.1.6

What are the provisions made available to students and staff in terms of health care on the campus and off the campus?

- We spread awareness amongst the students and staff about environmental hazards, and the importance of eco-friendly existence.
- First Aid kit available at different areas on campus.
- In case of emergency, hospitalization to nearby hospitals is ensured by trained staff in the institute.
- We have ambulance attended by a doctor available for students and staff on call.
- We organize a Health checkup camp on every 2nd Oct on campus.
- We organize seminars on regular basis on stress management, yoga, diet, manners and etiquette etc.
- Indoor & outdoor games ensure physical fitness.
- Medical Insurance for all staff members on campus.
- Students are covered by group insurance policy- 'Yuva-Raksha' with an assured sum of Rs.50,000/- each.

4.1.7

Give details of the common facilities available on the campus- spaces for special units like IQAC, Grievance Redressal unit, Women's Cell, counseling and career guidance, placement unit, health Centre, canteen, recreational spaces for staff and students, safe drinking water facility, auditorium etc.

The common facilities available on the campus are :

- IQAC office
- Grievance Redressal Unit, Women's Cell has been allocated a meeting room for their regular meetings.
- Counseling and Career guidance are made in special location A -302.
- Full-Time Placement Officer is seated in a cubicle in the main office of the college. Pre-Placement and Placement Activities are conducted in available class-rooms, Seminar halls and computer laboratories.
- Availability of Purified drinking water through water filters is ensured on ground floor and first floor.
- Auditorium with 288 seating capacity available on campus.
- Counseling area for meeting with students and parents.
- Two canteens serving hygienic food.
- TopsLine Ambulance service provides a mobile health center with paramedics.
- Each faculty member has been allocated a personal desk within the staff room for working.

4.2 Library as a Learning Resource

4.2.1

Does the library have an Advisory Committee? Specify the composition of such a committee. What significant initiatives have been implemented by the committee to render the library, student/user friendly?

The college does have a Library Advisory Committee comprising of :

- Principal,
- Librarian,
- Co-ordinators of the courses conducted.

The Advisory Committee is assisted by a Library Committee comprising of a Convener and two faculty members.

Faculty generate requirement of books, journals, subscription of magazines, e-journals etc. and forward it to Library Committee, which in turn assess them and put before the Advisory Committee for approval. The decisions of the Advisory Committee are implemented by Library Committee. It also assists in developing operational procedures, suggest various measures for improvement and development of the library. It strives to inculcate the enriching habit of reading books in a technologically enabled and intellectual atmosphere. The Advisory Committee manages resources and formulates personnel and fiscal policies.

The various activities which are undertaken by Library Advisory and Library Committee are as follows:

- Drive for purchase of Books/Journals/Articles to upgrade and make available the latest and the best material available in the market.
- Library Induction for first year students and all newly admitted students introduces the students to all library resources such as books, reference books, e-material, journals etc.; and library services such as circulation, reference, referral, Current awareness Service (CAS), Selective Dissemination of Information (SDI) etc.
- Library Literacy Programme educates students to understand how to use various resources in the library.
- Book-bank facility for academic toppers in various streams encourages students to inculcate and pursue reading beyond the reference text.
- 'GranthTumchya Pashi' is a book exhibition conducted by Library Committee where the resources reach out to the students. It fulfills namely the Law of Library Science which aims at every book to its reader.
- At the end of every semester, a book donation camp is organized by Library Committee wherein faculty, staff and students donate books.
- An IP based login is provided to students which enables them to access e-resources.
- Students not abiding library rules are made to perform library functions like shelving, rearranging books and numbering.

- Selected Final year project reports are preserved in the Library for reference of students.

4.2.2

Provide details of the following:

- * Total area of the library (in Sq. Mts.)
- * Total seating capacity
- * Working hours (on working days, on holidays, before examination days, during examination days, during vacation)
- * Layout of the library (individual reading carrels, lounge area for browsing and relaxed reading, IT zone for accessing e-resources)

- * Total area of the library (in Sq. Mts.): 143.37 Sq. Mts.
- * Total seating capacity: 60
- * Working hours (on working days, on holidays, before examination days, during examination days, during vacation)
Throughout the Year Library timings are as follows:
Mon – Sat 9 Hrs. 30 min (08.00 – 17:30)
On Sundays 8 Hrs. 30 min (9:00 – 17:30)
- * Layout of the library (individual reading carrels, lounge area for browsing and relaxed reading, IT zone for accessing e-resources)

The Library has separate areas for

- Reading Section.
- Periodical Section.
- Circulation Section.
- Intelligent Cell.
- IT zone for e-resources.
- Stacking area for books.
- Librarian's Office.
- Library Staff Desk.
- Library Notice Board.

4.2.3

How does the library ensure purchase and use of current titles, print and e-journals and other reading materials? Specify the amount spent on procuring new books, journals and e-resources during the last four years.

The Budget is prepared keeping in mind the annual expansion plans and allocation of fund to the Library for maintenance and improvement of infrastructure. Appropriate funds are allocated to cater to the requirements of all courses. Requisite books are provided to be available for staff and students. The expenditures are properly maintained.

- **Purchase and use of Current Titles, Print**

The Library follows the procedure given below:

- Recommendations are invited from staff and students at the beginning of each semester using requisition form. These recommendations are

reviewed by Library Committee and approved by Library Advisory Committee and purchase order is placed.

- Books are procured and retained on approval basis from various publishers and book vendors . This activity is performed throughout the year. The books on approval by the teachers are purchased.
- We annually subscribe for print(IT , Commerce and Management) journals .

• **E resources**

VSIT library users can access following E journals and database.

- EBSCO database for Management
- IEEE Explore Digital Library
- J-Gate Plus for Engineering and Management

Details of spending available in the balance sheet attached (Annexure IV).

4.2.4	<p>Provide details on the ICT and other tools deployed to provide maximum access to the library collection?</p> <ul style="list-style-type: none"> * OPAC * Electronic Resource Management package for e-journals * Federated searching tools to search articles in multiple databases * Library Website * In-house/remote access to e-publications * Library automation * Total number of computers for public access * Total numbers of printers for public access * Internet band width/ speed * Institutional Repository * Content management system for e-learning * Participation in Resource sharing networks/consortia (like Inflibnet)
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* **OPAC**

We have our own In-house software which is ERP. It is accessible to all staff as well as the students. . This system allows a comprehensive search as per the Accession No., Title and Author Name.

* **Electronic Resource Management package for e-journals**

For our Electronic Resource we have CD's. We have also purchased e-journal packages such as EBSCO, IEEE Explore, and J-Gate Plus.

* **Federated searching tools to search articles in multiple databases**

The Institute uses meta search engines, which acts as federated search engine, in catering the information

* **Library Website**

Internal website can be used to access library details.

* **In-house/remote access to e-publications**

Computers in library and computer laboratories have access to e-publications. The library subscribes to various e –publications and e-resources of repute.

* **Library automation**

Fully automated library system with bar code facility for issue/return of books.

* **Total number of computers for public access:**

5 desktops + 5 tablets

* **Total numbers of printers for public access:**

3 Anytime Printing Station (VPRINT)

* **Internet band width/ speed:**

60 MbPS

* **Institutional Repository:**

VRefer (online repository of digital content)

* **Content management system for e-learning:**

VSIT LIVE(live.vsit.edu.in): It is the institutional forum for e-learning

* **Participation in Resource sharing networks/consortia (like Inflibnet)**

Nil

4.2.5

Provide details on the following items:

- * Average number of walk-ins
- * Average number of books issued/returned
- * Ratio of library books to students enrolled
- * Average number of books added during last three years:
- * Average number of login to OPAC
- * Average number of login to e-resources
- * Average number of e-resources downloaded/printed
- * Number of information literacy trainings organized
- * Details of “weeding out” of books and other materials

* **Average number of walk-ins:**

1200 per year

* **Average number of books issued/returned:**

600-615

* **Ratio of library books to students enrolled:**

4:1

* **Average number of books added during last three years:**

Sr.No	Academic year	Added books
-------	---------------	-------------

1	2011-2012	569
2	2012-2013	1415
3	2013-2014	1525

- * **Average number of login to OPAC:**
Access through various locations.
- * **Average number of login to e-resources:**
Access through various locations and hence average number cannot be provided.
- * **Average number of e-resources downloaded/printed:**
Access through various locations.
- * **Number of information literacy trainings organized:**
Two per year
- * **Details of “weeding out” of books and other materials:**
Mutilated / torn books are withdrawn. Old magazines and newspapers are disposed off periodically.

4.2.6

Give details of the specialized services provided by the library

- * Manuscripts
- * Reference
- * Reprography
- * ILL (Inter Library Loan Service)
- * Information deployment and notification (Information Deployment and Notification)
- * Download
- * Printing
- * Reading list/ Bibliography compilation
- * In-house/remote access to e-resources
- * User Orientation and awareness
- * Assistance in searching Databases
- * INFLIBNET/IUC facilities

The details of the specialized services provided by the library:

- * **Manuscripts:** Teacher’s papers, Technical papers, Thesis, Dissertations.
- * **Reference:** The library has a reference section where students can access reference books
- * **Reprography:** Available on campus
- * **ILL (Inter Library Loan Service):** The library has memberships with IIT

Bombay, and British Council Library. There is also book loan arrangement with Vidyalkar Institute of Technology and Vidyalkar Polytechnic.

* **Information deployment and notification (Information Deployment and Notification):** The students are notified about the availability of books and journals in the library. This is done in the following manner-

- 1) At the commencement of each semester the dedicated Library Committee counsels the students on the resources available in the library.
- 2) New arrivals are displayed in the display section of the library as well as on the College Website under the head Library.
- 3) Various activities scheduled by the Library Committee are intimated to the students using Notices/Website/VSIT Live.
- 4) The information related to placements, competitive exams, important current issues are also notified on the notice board of the library.

* **Download:** Allowed

* **Printing:** Available

* **Reading list/ Bibliography compilation:** In-progress.

* **In-house/remote access to e-resources:** Through VRefer

* **User Orientation and awareness:** Students and faculty are oriented about facilities and resources available during induction programmes by Library Committee. Special training is also provided for effective access of e-resources.

* **Assistance in searching Databases:** Library Staff is always willing to lend a helping hand to both the students and the staff.

* **INFLIBNET/IUC facilities:** In progress

4.2.7

Enumerate on the support provided by the Library staff to the students and teachers of the college.

Following support is provided by the Library staff:

- A catalogue containing electronic data of all books, Journals, thesis, dissertations and Major /Minor Projects is made available
- Books are issued to the students on first come first served basis.
- The library staff is always accessible and ready to assist students and staff in finding books.
- The Library creates a book bank for meritorious students which are distributed to them from time to time.
- Information regarding New Arrivals is displayed timely.
- Magazines, periodicals, Journals and Projects are kept in separate enclosure.
- Helpdesk is provided for reference query.

4.2.8

What are the special facilities offered by the library to the visually/physically challenged persons? Give details.

Since the Library is situated on the Ground Floor physically challenged students can access it easily. Help is extended by the Library Staff as and when needed.

4.2.9

Does the library get the feedback from its users? If yes, how is it analyzed and used for improving the library services. (What strategies are deployed by the Library to collect feedback from users? How is the feedback analyzed and used for further improvement of the library services?).

YES

Feedback is collected from students and faculty for improvement of library The feedback is analyzed by the Library Advisory committee and necessary action plan is formulated for improvement.

4.3
IT Infrastructure
4.3.1

Give details on the computing facility available (hardware and software) at the institution.

- Number of computers with Configuration (provide actual number with exact configuration of each available system)
- Computer-student ratio
- Stand alone facility
- LAN facility
- Wifi facility
- Licensed software
- Number of nodes/computers with Internet facility
- Any other

The details on the computing facility available are:

- **Number of computers with Configuration** (provide actual number with exact configuration of each available system)

Computers

Sr. No	Brand	Configuration	Total no of machines
1	Dell	Intel 3 processor, 2gb RAM, 500gb HDD	60
2	Lenovo	Intel3 Processor, 4gb RAM, 500gb HDD	40
3	Lenovo	Intel Pentium dual processor, 1gb RAM, 160gb HDD/80gb HDD	41
4	Lenovo	Pentium dual-core processor, 1gb RAM, 320gb HDD Intel p4 processor, 2gb RAM, 250gb HDD	28 22
5	Acer	Intel Core 2 Duo processor, 4gb RAM, 320gb HDD	30
6	Acer	Intel Core 2 Duo processor, 4gb RAM, 320gb HDD	28
7	N-computing	Diskless	02
TOTAL			251

Laptop Details With Configuration

Brand	Configuration	Total
Lenovo	Intel Atom CPU N280@ 1.66 GHz 1.33 GHz, RAM 1 GB with 160 HDD	24
HP Mini	Intel Atom CPU N2600@ 1.66 GHz 1.33 GHz, RAM 2 GB with 320 HDD	28
emachine	Intel Atom(TM) CPU N450@ 1.66 GHz 1.67 GHz, RAM 1 GB with 160 HDD	3
Acer	Intel Atom CPU N450@ 1.66 GHz 1.67 GHz, RAM 2 GB with 250 HDD	1
Total		56

The college also has state of the art Servers for managing the Active Directory services and roaming profiles along with high-end Firewall for highest levels of network security.

- Computer-student ratio**

The computer:student ratio on campus is 1:8.
(During practical sessions its 1:1)

- **Stand alone facility**

Nil

- **LAN facility**

The college is having a modern IT Infrastructure which includes the following

1. Sonicwall Firewall : 01
2. Cisco Switches : L3 - 02 nos.
3. Cisco Switches: L2 – 08 nos.
4. CAT6 Cable
5. Fiber Optic Backbone
6. Internet Facility

ISP Details:

Provider name	Speed	Used for
SIFY	10 MbPS	WLAN
SIFY	20 MbPS	LAN
Reliance	30 MbPS	WLAN
Total Bandwidth	60 MbPS	-

- **Wifi facility**

Full campus if wi-fi enabled. The Institutions has 25 Wireless AccessPoints in the Campus of Sonicpoint which has Easy connectivity and security for your wireless network. It provides high-speed wireless access with greater range and better reliability. With support for IEEE 802.11a/b/g/n standards, SonicPoint access point devices provide secure, faster access to data, voice and video over high-bandwidth wireless LANs.

- **Licensed software**

The Institute is part of Microsoft Academic Alliance which gives access to a host of licensed softwares from Microsoft.

Licensed software available outside the alliance:-

MATLAB, AUTOCAD, Rational Rose, Adobe, Genesys, IE3D, Keil, Protious, Optimis& Oracle.

- **Number of nodes/computers with Internet facility**

We have Internet facility available on all the computers in the Campus (209 computer + 50 Faculty Laptops). Each user has his/her own login credentials to use the Internet.

- **Any other**

VPrint: VPrint printer/copier is a multi-function device capable of large volume printing, duplexing, copying. They are accessible to students, faculty and employees of the college.

It can also be termed as a driverless mode of printing by using WEB BROWSER. Through the internet, you can login into your account and check the balance printing credit, upload files of certain formats for printing, cancel

print requests, see how your past print jobs have affected the environment and much more. Three release stations for V-Print to provide printing service.

The Institute has an Electronics laboratory; the details of equipment are as follows:

Electronics Lab Details

Sr.No	Name	QTY
1	Resistance Box 10000 ohm	09
2	Multimeter System	09
3	Digital Multimeter	09
4	Bread Board	11
5	Dual o/p regulated DC power supply	05
6	Dual display tracking power supply(scientific)	02
7	Miliameter/Voltmeter	13
8	Micro controller Development Board	20
9	PRO	03
10	Embeded Programmer	20

Details

Network Switch Details

Sr. no.	Manufacturing	Ports	Quantity
1	DLink	24	10
2	DLink	16	7
3	CISCO	24	1
Total			18

Wi-Fi AccessPoint Details

Sr. no.	Manufacturing	Quantity
1	SonicWall SonicPoint Ne/Ni	2

LCD Projectors

We are having LCD Projectors (EPSON/SONY) fixed mounted in all the classrooms. All classrooms are air-conditioned.

4.3.2

Detail on the computer and internet facility made available to the faculty and students on the campus and off-campus?

The institute provides each faculty with wi-fi enabled laptops. There is an Internet browsing Laboratory for students as well as for staff. With the

implementation of the communication software “Lync” in the College, the staff is able to exchange notices, circulars and information with each other. VSIT live provides a social-academic portal for student teacher interaction over the web. All students and faculty are provided with institution email id.

4.3.3

What are the Institutional plans and strategies for deploying and upgrading the IT infrastructure and associated facilities?

The plans and strategies of the Institute for deployment and upgradation of the IT infrastructure and associated facilities are as follows:

- The Institute is committed to provide infrastructure as per the Industry standards.
- The Servers on campus are in the process of upgradation
- A new ERP solution is being developed with major feature enhancements to replace the current system.
- Recently upgraded the Bandwidth from 10 Mbps to 60MbPS
- A project to phase out physical notice boards and replace them with digital notice boards has already begun.
- Plan to provide tablets to students to access the digitized content developed by the Institute is under consideration.

4.3.4

Provide details on the provision made in the annual budget for procurement, upgradation, deployment and maintenance of the computers and their accessories in the institution (Year wise for last four years)

Audited balance sheet attached in Annexure IV

4.3.5

How does the institution facilitate extensive use of ICT resources including development and use of computer-aided teaching/ learning materials by its staff and students?

The Institute supports use of ICT for enhancing teaching learning process.

In this respect the college has started various initiatives such as:

- Fixed roof mounted projectors in every classroom
- Laptops provided to every teacher
- Digitized content with enhancements are hosted on web portal for remote access to students
- Next generation of ERP software is being rolled out soon.
- Digital notice boards are replacing conventional notice-boards.

4.3.6

Elaborate giving suitable examples on how the learning activities and technologies deployed (access to on-line teaching -learning resources, independent learning, ICT enabled classrooms/learning spaces etc.) by the institution place the student at the centre of teaching-learning process and render the role of a facilitator for the teacher.

Some of the initiatives taken by the Institute to provide student centric learning and help faculty render a role of a facilitator are

- **Flipped Classroom Methodology:** In this the students are given access to reference material at home which they have to read and come to class prepared. The faculty asks questions and initiates a discussion on the topic rather than lecture the students.
- **VRefer:** provides students with an online repository of E-resources.
- **VSIT live:** is a social-academic portal which is used by students to collaborate and share content between student –student, student-teacher and teacher-teacher.
- **Digitized content** with enhancements provide students the freedom to learn at their convenience through personal digital devices. It provides content which has been enhanced with animations, graphics and videos for better understanding and retention.

4.3.7

Does the Institution avail of the National Knowledge Network connectivity directly or through the affiliating university? If so, what are the services availed of?

The college is in the process of becoming part of a national knowledge network which will give students and staff access to a huge database of e-resources for learning and research.

4.4

Maintenance of Campus Facilities

4.4.1

How does the institute ensure optimal allocation and utilization of the available finance resources for maintenance and upkeep of the following facilities (Substantiate your statements by providing details of budget allocated during last four year) Building, Furniture, Equipment, Computers, Vehicles, Any other.

The institute has made appropriate (adequate) arrangement for the maintenance and upkeep of its infrastructure. The campus has a Facility Management department in place which manages maintenance of all facilities. Housekeeping is outsourced and supervised by the Facility Management team. Annual maintenance contracts takes care of all electronic equipment (Computers, projectors, network, servers etc.). The college has an in-house team of skilled carpenter and plumber etc. for day to day maintenance needs. The campus has two Security officers on role who head a security team.

The Management ensures that sufficient funds are allocated and utilized for maintenance of infrastructure facilities. *Refer Annexure IV for details on expenditure.*

4.4.2

What are the Institutional mechanisms for maintenance and upkeep of the infrastructure, facilities and equipment of the college?

The maintenance and improvement of the campus is done periodically with facility management personnel, housekeeping staff, electricians etc. The upkeep of the classrooms, seminar halls and other areas on campus is outsourced to a private housekeeping agency which takes utmost care of these areas.

The institute takes care of its equipment by having AMC with other companies for maintenance and upkeep of computer system, Printer, Telephone exchange services, Projectors, Audio System, Air Conditioners, and other equipment that are being used in the Institute. Apart from this, a fulltime electrician (outsourced agency), Carpenter team, System Administrator and Laboratory technicians take care of maintenance and safeguard of the Computer/Electronic equipment.

We have a round the clock security in place for safety and security of students, staff and infrastructure including equipment etc., Sufficient funds are allocated by the top Management for all maintenance and upkeep of the infrastructure

4.4.3

How and with what frequency does the Institute take up calibration and other precision measures for the equipment/instruments.

At beginning of every semester the Institute takes up calibration and other precision measures for the equipment/ instruments.

4.4.4

What are the major step taken for location, upkeep and maintenance of sensitive equipment (Voltage fluctuations, constant supply of water etc.)

The institute takes required steps to protect sensitive instruments from electrical damage so that they render optimum and assured performances.

The island city of Mumbai has no load shedding. Critical equipment such as Fire pumps have backup generators. There are no voltage fluctuations but as precaution UPS have been used to protect servers. Fire extinguishers are placed at strategic points on campus.

Electric meter are kept clean through periodic maintenance. All electronic and laboratory equipment is under AMC (Annual maintenance Contract) for its upkeep. A constant supply of water is available from Municipality. Stored purified drinking water is available on ground floor and first floor for students and staff as well. There is tie up with local water suppliers to meet any shortage of water on campus.

Any other relevant information.

CRITERION V : STUDENT SUPPORT & PROGRESSION



Winners of "Fencing"
at National level



Tug-Of-War Winners



Students Achievements - Scholar's Day



Winners of "Vigour - an InterCollegiate Festival"



Graduation Day Celebration



Students Counseling Session



Acanthus - First Prize Winner in
Paper Presentation at Inter-Collegiate level



Tejas Bedade,
Winner of "Inter-Collegiate
Swimming Competition"

CRITERION – V
STUDENT SUPPORT AND PROGRESSION**5.1 Student Mentoring and Support****5.1.1**

Does the institution publish its updated prospectus/handbook annually? If 'yes', what is the information provided to students through these documents and how does the institution ensure its commitment and accountability?

The Institute publishes its updated Prospectus annually during the time of admission and uploads it on the website. The Prospectus provides the following information to stakeholders:

- Introduction about the Institute
- Message from Principal
- Vision, Mission and objectives of the Institute
- Courses offered by the Institute
- Details about faculty members
- Information about VIIE
- List of Committees
- Information about Placement Cell
- Details about Extra Curricular activities

The Principal monitors the implementation through various committees constituted within the organization to ensure effective delivery of services. Feedback from stakeholders provides inputs for improvement of processes.

5.1.2

Specify the type, number and amount of institutional scholarships / freeships given to the students during the last four years and whether the financial aid was available and disbursed on time?

The Institute facilitates scholarships through the Social Welfare Department of the State Government.

Maharashtra State Government Scholarships and freeships are provided to SC category students in case if the Annual income of the family is less than 2 lakhs. If Annual Income of the family is more than 2 Lakhs Freeships are provided.

For OBC/SBC/VJNT, if the Annual Income of the family is less than 1 lakh Scholarship, and if it is more than 1 lakh Freeships are provided.

Students receive money as soon as the State Government releases it.

5.1.3

What percentage of students receives financial assistance from state government, central government and other national agencies?

For last four years data is as follows:

Year	SC	OBC	SBC	VJNT	Total
2010-11	30	53	13	9	105
2011-12	44	16	15	7	82
2012-13	52	37	14	8	111
2013-14	45	41	27	8	121

5.1.4

What are the specific support services/facilities available for?

- Students from SC/ST, OBC and economically weaker sections
- Students with physical disabilities
- Overseas students
- Students to participate in various competitions/National and International
- Medical assistance to students: health centre, health insurance etc.
- Organizing coaching classes for competitive exams
- Skill development (spoken English, computer literacy, etc.)
- Support for “slow learners”
- Exposures of students to other institution of higher learning/corporate/business house etc.
- Publication of student magazines

Students from SC/ST, OBC and economically weaker sections can avail of following facilities

- Payment of fees in Installments.
- State Government Scholarships and Freeships are provided.

Students with physical disabilities

The institute ensures that all class-rooms and examinations are conducted on the ground floor for students with physical disabilities. In addition, our canteen and library is also on ground floor and assessable to them. Ramp facility is provided is washroom on the ground floor. Assistance of attendant is provided as and when required.

The institute is also making special efforts to make its campus more accessible to persons with disabilities.

College arranges for writers for students with physical disabilities. Reserved parking on campus for differently –abled is available.

Students participate in various competitions/National and International

- Special care is taken to cover academic loss due to participation in training camps and competitions.
- Internal examinations are retaken for students as per the guidelines of affiliating University.
- Sports Trainer / Choreographers are provided to train students for related activities.
- The Institute sponsors the registration fees for various events.
- The institute provides conveyance to the students participating in competitions.
- The institute organizes intercollegiate competitions.
- Best students and best achievers are honored by awarding prizes.

Medical assistance to students: health center, health insurance etc.

- “YuvaRaksha Scheme” in which Oriental Insurance Company Limited provides Rs. 50,000 Insurance Policy to each student in case of accidents. College is making payment of premiums on annual basis.
- College has an arrangement with Topline Ambulance service with paramedics
- Doctor visits on campus are held periodically.
- First Aid Box is available.
- Professional Counsellor available on campus.
- Medical Camps are arranged in associations with NGOs.

Organizing coaching classes for competitive exams

The Institute provides training for competitive exams as mentioned below:

- CAT/CMAT : MBA entrance
- TOEFL/IELTS : English Proficiency Test

Skill development (spoken English, computer literacy, etc.)

- Conducting special batches for vernacular medium by experts on communication topics.
- Certified courses for Animation and Graphics.
- Dale Carnegie workshops for overall Personality Development
- Certification Courses like SAP or Android.
- Excel workshop and training for students and staff.
- English Language training.

Support for “slow learners”

- For slow learners or students having some medical problems like dyslexia, special classes are arranged.
- Counseling sessions are arranged by Professional Counsellor.
- Mentoring facility is also available.
- Extra time is provided during examination.
- Additional gracing is given as per ordinance of University of Mumbai.

Exposures of students to other Institution of higher learning/ corporate/business house etc.

- Arranging Industrial Visits to Bombay Stock Exchange, Reserve Bank of India, Bisleri plant, etc.
- Computer Society of India College Chapter organizes various activities on campus and participates / volunteers in activities off campus.
- Guest faculty from Academia and Industry are invited to conduct seminars / workshops.
- Value added courses in partnership with Industry have been started.
- Faculty exchange programmes with Universities abroad to provide exposure to students and faculty members.
- MOUs with Industry have been signed.
- Encouraging students for Summer and Winter Internship projects

Publication of student magazines

- “Vihaan” an annual college magazine is published every year.
- “Vector” is a News supplement which has 8 issues published per year in collaboration with DNA.

5.1.5

Describe the efforts made by the institution to facilitate entrepreneurial skills, among the students and the impact of the efforts.

- The Institute has setup Entrepreneurship Development Activity Committee (EDAC) which conducts activities for entrepreneurship development amidst students.
- Entrepreneurship Development Activity Committee is working to encourage students by organizing various programmes like Business Bazigar and Guest Lectures by Entrepreneurs.
- Screening of inspirational documentary in the class like “India’s Milkman”, “Harishchandradi Factory”, “Rocket Singh”.
- Career guidance cell/placement cell conducts various lectures for promotion of self employment visits to various Departments, Industries, Research institutes, which are useful for the motivation and to develop entrepreneurial skill among students.
- Guest Lectures conducted by Eminent Personalities like Ms. Rashmi Bhansal who is an Entrepreneur and a Youth Expert, spoke on “How passion drives one to take the path” and Mr. Gagan Sharma who spoke on the topic “Prepare oneself to face the Industry”.
- An Incubation cell for nurturing Entrepreneurial ideas has been setup under VCS (Vidyalankar Consultancy Services)
- Infrastructure of the Institute is made available to students for promoting entrepreneurial activities.

5.1.6

Enumerate the policies and strategies of the institution which promote participation of students in extracurricular and co-curricular activities such as sports, games, Quiz competitions, debate and discussions, cultural activities etc.

- * additional academic support, flexibility in examinations
- * special dietary requirements, sports uniform and materials
- * any other

The policies and strategies of the Institute which promote participation of students in extracurricular and co- curricular activities are:

- The Institute has well equipped Gymkhana.
- Institute provides sports kits, jerseys (uniforms), and provides coaching and training for sports.
- Students participate in debate competitions, quiz competitions, cultural activities at the Institute level and also at Inter-collegiate competitions.
- 10 grace marks are given to students who represent in NSS and other extension activities.
- If the sportsmen unable to take their examination due to sports activity, an additional examination is held especially for them as per University rule.
- Success stories are published in Institute Magazine.
- Sports Officer is available in the institute to help train and promote sports.
- **“Shanivaar Manch”** is a forum to showcase student’s talents organized on every Saturday afternoon in college campus.
- **“VERVE”** is an annual **inter-house** competition which provides an avenue for creativity , team building, leadership and camaraderie amongst the student community.
- **“VIGOUR”** is an annual **inter-collegiate** festival which is hosted by VSIT in which cultural, sports, co-curricular and other extra-curricular activities are conducted by the students of VSIT.
- CSI College Chapter provides students to organize and participate in various events, seminars and competitions in the area of Computing.

5.1.7

Enumerating on the support and guidance provided to the students in preparing for the competitive exams, give details on the number of students appeared and qualified in various competitive exams such as UGC-CSIR- NET, UGC-NET, SLET, ATE / CAT / GRE / TOFEL / GMAT / Central /State services, Defence, Civil Services, etc.

The various support and guidance provided to the students in preparing for the competitive exams are:

- The Career Counseling Committee organizes various programmes for creating awareness and helps prepare students for various competitive examinations after their graduation.

- Conducting Aptitude Test for students of all semesters to prepare them better.
- The Institute arranges expert lectures to provide guidance in preparing competitive examinations.
- Organizing awareness programmes on importance of competitive exams
- Competative examination books are made available in the library.

Number of students who have appeared for the various examinations are as follows:

Year	TOEFL	IELTS	CMAT
2011 -12	21	07	14
2012 -13	12	--	28
2013 -14	13	04	--

5.1.8

What type of counselling services are made available to the students (academic, personal, career, psycho-social etc.)

The campus life is a unique phase of learning, maturing, adapting and of self-realization. Students face transformation in all aspects of their life. VSIT works to enable them make these significant transitions smoothly. The Institute provides this support through:

Academic Mentor

Each student has an Academic Mentor (Faculty member) assigned to them, who meet the students every month. The mentors maintain a mentoring diary containing the details of each student under their mentorship. The mentors provide mostly academic counseling but occasionally also provide pastoral support if needed.

Professional Psychological Counseling

The Professional Counselor on campus provides psycho-social counseling to students on campus. The students can approach the counselor by themselves. Alternatively, the students are referred to the counselor either by the academic mentors, class teachers, or by any faculty if needed.

Career Counseling

Career Counseling is provided mainly through the academic mentors and the Career Counselling Committee (CCC). The CCC conducts various awareness seminars to provide information to students about the career and study options after their programme. The committee has a mandate to conduct various activities to help student progression in their respective areas of interest.

5.1.9

Does the institution have a structured mechanism for career guidance and placement of its students? If 'yes', detail on the

services provided to help students identify job opportunities and prepare themselves for interview and the percentage of students selected during campus interviews by different employers (list the employers and the programmes).

Career guidance and Placement is a shared responsibility for the Institute and students, and requires partnership building among stakeholders. VSIT has services like Placement Cell and Career Counseling Committee to provide a structured mechanism for career guidance and placement.

The **Placement cell** provides Pre-Placement Training Programme (PPT) to students twice a year. This programme is basically provided to final year students. The Pre-Placement training includes Mock Aptitude Test, Group Discussion, Technical round and HR Rounds which are held by experts. A full time Training and Placement Officer (TPO), Ms. Vandana Shrivastava has been appointed to head the Placement cell.

The **Career Counseling Committee** provides guidance to students regarding the various choices the students have at their disposal after they graduate. The committee helps in providing focus and clarity to students when pursuing a path to achieve their career goals.

Year	Company Name	No. of Students placed
2010 -11	L&T Infotech	94
	i-Gate	
	Navteq	
	TCS	
	Kaizen	
	HDFC Bank	
	Tech Mahindra	
2011-12	Wipro Infotech	97
	Jaro Education	
	Wipro BPO	
	Apar Games	
	Mastek	
	BMA Wealth Creators	
	Nokia	
	IndiaBulls Ltd	
2012-13	Capgemini	53
	L&T Infotech	
	Wipro Technology	
	IndiaBulls	
	Nokia	
	CMC	
	Bristle Cone	
	Hedge Square	

	Wallen Shipping Accenture	
2013-14	L&T Infotech	92
	iGate	
	Bristle Cone	
	Tata Consultancy Services	
	Capgemini	
	Mphasis	
	Mastek,	
	National Stock Exchange	
	Wipro Ltd.	
	Microland	
	ING Vysya Bank	
	Marcus Evans	
	China Certification and Inspection Group	
	Vital Health	

5.1.10

Does the institution have a student grievance redressal cell? If yes, list (if any) the grievances reported and redressed during the last four years.

Yes, institute has a student grievance redressal cell. The grievances reported are:

Grievance #1:

Need for library to be open on Sundays for MMM/ MFM MHRDM students who are pursuing a part time programme on campus and have lectures also on Sundays.

Redressal: Necessary provisions were made to keep library open specifically late evenings on Sundays (throughout the week).

Grievance #2:

Lack of food options available on campus specifically late evenings and Sundays.

Redressal: The Canteen service was extended to Sundays. Also vending machines have been placed at strategic locations on campus to provide food and drink options round the clock.

5.1.11

What are the institutional provisions for resolving issues pertaining to sexual harassment?

The institutional provisions for resolving issues pertaining to sexual harassment are:

- The Institute has an Anti-Ragging squad as per Government norms. No incident of students ragging has taken place so far due to the disciplined & cultured behavior of students and teachers.
- There are male and female security personnel on campus to prevent any misbehavior.

- The Security staff is headed by two full time security officers of the Institute.
- The campus and lecture halls are secured by CCTV surveillance.
- “Women Development Cell” conducts activities regarding women empowerment.

5.1.12

Is there an Anti-Ragging committee? How many instances (if any) have been reported during the last four years and what action has been taken on these?

- Anti-ragging Committee is in existence since last four years .
- No instances of ragging have been reported till this date.

5.1.13

Enumerate the welfare schemes made available to students by the institution.

The welfare schemes made available to students by the Institute are:

Academic Welfare Schemes

- Remedial Lectures for weaker students.
- Support sessions for slow learners/dyslexia/physically handicapped students.
- Provision of Printing (V-Print)/Photocopies in the campus .
- Reading Room with extended hours.
- Drop-out students are allowed to attend regular lectures in the same year again to help them keep in sync with their academics.
- Students of M.Sc.(IT) Part –II are provided opportunity to work as Teaching Assistants.

Non Academic Welfare Schemes:

- Availability of TOPS LINE Ambulance service with paramedics.
- Student insurance worth Rs. 50,000/- through “YuvaRaksha Scheme”.
- Profession Counsellor available on campus.
- Summer and Winter Internships are provided.

5.1.14

Does the institution have a registered Alumni Association? If

‘yes’, what are its activities and major contributions for institutional, academic and infrastructure development?

The Institute has an Alumni Committee which interacts with the Alumni through various channels.

“Alumni Meet” is arranged every year to provide networking and interaction between Alumni and Institute. Some of the major contributions are:

- The Alumni have provided good placement opportunities to current students.
- Alumni are invited as Guest lectures.
- The Alumni working in industry provide live projects through their reference to the final year students.
- Participation of Alumni during annual day functions
- Provision of project guidance and mock presentation to final year students by the Alumni.

5.2 Student Progression

5.2.1

Providing the percentage of students progressing to higher education or employment (for the last four batches) highlight the trends observed.

Student progression	%
UG to PG	More than 50 %
PG to M.Phil.	-
PG to Ph.D.	-
Employed	IT-70%-75%
Campus selection	BMS-30%
Other than campus recruitment	Internship -5-10%

5.2.2

Provide details of the programme wise pass percentage and completion rate for the last four years (cohort wise/batch wise as stipulated by the university)? Furnish programme-wise details in comparison with that of the previous performance of the same institution and that of the Colleges of the affiliating university within the city/district.

Year	Department	Sem	No. of students appeared	No. of students passed	Pass percentage(%)	No. of students obtained 60% marks
	IT	I	269	126	46.84	102

2010-2011		II	264	164	62.12	128
		III	261	206	78.92	173
		IV	255	214	83.92	188
		V	285	166	58.24	118
		VI	250	111	49	92
2011-2012	IT	I	272	179	70	140
		II	272	163	60	124
		III	259	171	65	159
		IV	264	169	64	111
		V	301	171	61	133
		VI	275	216	78.54	85
2012-2013	IT	I	240	96	40	54
		II	237	125	52.74	80
		III	282	164	57.15	145
		IV	281	151	53.74	109
		V	274	113	41.25	68
		VI	274	140	51.30	74
2013-2014	IT	I	279	187	62.96	145
		II	294	189	64.28	136
		III	274	145	52.98	108
		IV	266	184	69.17	117
		V	278	135	48.56	70
		VI	278	182	65.47	124

Year	Department	Sem	No. of students appeared	No. of students passed	Pass percentage(%)	No. of students obtained 60% marks
2010-2011	BMS	I	175	94	53.71	43
		II	168	55	32.73	15
		III	114	81	71.05	40
		IV	110	86	79.27	45
		V	95	88	93	82
		VI	195	77	81.05	69
2011-2012	BMS	I	167	108	64.67	39
		II	159	76	47.79	10
		III	135	97	71.85	27
		IV	142	78	84.92	17
		V	105	69	65.71	48
		VI	105	79	75.23	55

2012-2013	BMS	I	149	66	44.30	23
		II	145	90	62.07	12
		III	145	83	87.25	8
		IV	139	105	75.54	11
		V	139	76	54.68	59
		VI	141	104	73.76	47
2013-2014	BMS	I	136	39	28.68	6
		II	133	44	33.08	16
		III	145	81	55.86	6
		IV	143	97	67.83	28
		V	137	61	44.53	13
		VI	137	109	79.56	9

Year	Department	Sem	No. of students appeared	No. of students passed	Pass percentage(%)	No. of students obtained 60% marks
2010-2011	BAF	I	40	37	92.50	29
		II	39	38	97.43	23
2011-2012	BAF	I	62	40	64.41	18
		II	59	48	81	22
		III	37	30	81.08	24
		IV	35	27	72.97	22
2012-2013	BAF	I	61	58	95.90	20
		II	61	52	85.25	11
		III	58	50	86.20	20
		IV	58	52	89.65	15
		V	35	28	80	18
		VI	35	31	88.58	21
2013-2014	BAF	I	59	49	83.05	NA
		II	59	45	76.27	NA
		III	62	53	85.48	17
		IV	61	56	91.80	20
		V	59	45	76.27	NA
		VI	59	50	84.75	16

Year	Department	Sem	No. of students appeared	No. of students passed	Pass percentage(%)	No. of students obtained 60% marks
		I	24	8	33.33	2

2011-2012	BBI	II	23	16	69.56	3
2012-2013	BBI	I	20	14	70	7
		II	20	3	15	NA
		III	22	13	59.09	1
		IV	21	12	57.14	2
2013-2014	BBI	I	39	13	33.33	NA
		II	38	26	68.42	4
		III	21	13	61.90	2
		IV	21	17	80.95	6
		V	20	8	40	2
		VI	20	12	60	0

5.2.3

How does the institution facilitate student progression to higher level of education and/or towards employment?

The **Career Counseling Committee (CCC)** provides guidance to students regarding the various choices they have at their disposal after they graduate. The committee helps in providing focus and clarity to students when they are pursuing a path to achieve their career goals. The CCC conducts various awareness seminars to provide students, information about the career and study options after their programme. The committee has a mandate to conduct various activities that help student progress in areas of their interest.

The Institute through various tie-ups with other organizations provides coaching for competitive exams like CMAT, GATE and IELTS/ TOEFL. Along with this, the Institute also conducts various value-added courses aimed at employment such as SAP, Graphics, Animation, TOGAF certification etc.

A full time Training and Placement Officer (TPO) is appointed to head the **Placement Cell**. The Placement cell aggressively promotes recruitment. The Institute invites various companies for Campus Placement such as i-Gate, Wipro, L&T Infotech etc.

5.2.4

Enumerate the special support provided to students who are at risk of failure and drop out?

The special supports provided to students who are at risk of failure and drop out are:

- A review of weekly test marks, mid-term results and attendance in the departmental meetings help identify students who are on the verge of failure.
- Extra sessions are arranged to help these students with academic difficulties.

- Remedial lectures are also taken to clear the doubts and guide the students for better examination preparedness.
- Academic advisors help motivate the students to improve performance.
- In case the performance is too poor , parents meetings are arranged.

5.3 Student Participation and Activities

5.3.1

List the range of sports, games, cultural and other extracurricular activities available to students. Provide details of participation and programme calendar.

List of sports/games:

Indoor	Outdoor
Chess (Boys, Girls)	Football
Carrom (Individual boys and girls)	Volleyball
Carrom (Doubles)	Cricket
Carrom (Mix Doubles)	Tug of War
Table Tennis (Individual Boys and girls)	Box Cricket
Table Tennis (Doubles)	Dodge ball
	Throw ball
	100m race (Boys, Girls)
	200m race (Boys, Girls)
	100 x 4 Relay (Boys, Girls)

List of cultural and other extracurricular activities

- VIGOUR (Inter - Collegiate festival)
- VERVE (annual cultural festival)
- Maay Marathi (Annual festival showcasing Marathi culture)
- Shanivaar Manch (weekly activity showcasing talents of students)
- CSI (Computer Society of India) activities
- Exhibitions related to new arrivals of books.
- Art to Art
- Kite Flying

Sr. No.	Date	Sports Activity
1	2 nd Dec to 4 th Dec 2013	Dodge Ball and Football
2	5 th Dec 2013	Chess
3	7 th Dec 2013	Carrom
4	8 th Dec 2013	Cricket
5	9 th Dec 2013	Table Tennis
6	15 th Dec 2013	Volley Ball

7	22 nd Dec 2013	Tug of War
8	23 rd Dec 2013	Athletics Events along with Final Matches

5.3.2

Furnish the details of major student achievements in co-curricular, extracurricular and cultural activities at different levels: University / State / Zonal / National / International, etc. for the previous four years.

Achievements by Students at University level		
Name Of Student	Event	Awards/Recognitions
Academic		
Anagha Kotre	T.Y. B.Sc. IT Exam.	Third Rank
Gayanka Sawardekar	Summer Camp	Project approved At the University
Ashwin Goyal	GARP Scholarship for the Financial Risk Manager (FRM) examination(2011)	International
Sports		
Periyaswamy Sivan	Fencing	First
Prajakta Pongade	Fencing	Eighth
Nilay Sawant	Mallakhamb	Eighth
Tejal Bedade	Swimming	Fourth
Sagar Mhatre	Running	Third
Saumitra Oak	Badminton	Gold Medal
Siddhart Chheda	Debate	First
Achievements by Students at District Level		
Sharukh Khan	Science Exhibition	First
Achievements by Students at State Level		
Karthik Alagasamy	Fencing	Second
Yajnesh Talwar	Fencing	Seventh
Nilay sawant	MallakHamb	Eighth
Periyaswamy Sivan	Fencing	Gold, Silver, Bronze
Achievements by Students at National level		
Tejal Bedade	Swimming	
Periyaswamy Sivan	Fencing	Top 8 and Gold
Achievements by Students at International Level		
Periyaswamy Sivan	Fencing	57 th rank

Achievements by Students at University level		
Name Of Student	Event	Awards /Recognitions
Suman Malandkar	Acanthus a research paper competition organized by SIWS college, Wadala	First Prize

Suman Malandkar	Conducted by Blue Ribbon Club	Selected to do Project
Radhika Kandalgaonkar	Conducted by Blue Ribbon Club	Selected to do Project
Shreya Bane	Anbhuti organized by Ruia College	First prize
	Fencing –National Level	Sixth prize

Achievements by Students at University level		
Name Of Student	Event	Awards/Recognitions
Academic		
Sadhan A, Hussain Q	Intercollegiate Research Paper Presentation (Tolani College, Andheri)	First Rank
Archana P, Suman M, Kausthubh B	Intercollegiate Research Paper Presentation (SIWS College, Wadala)	First Rank
Alimedi M, Tushar T, Vishakha P	1 st Student Indian Parliament (Bhartiya Chatra Sansad), MIT Pune	Participants
Sports		
Pooja R	Archery	Third Rank
Paritosh Prabhu	Squash	-
Jay Sabhrani	Photography	Third Rank
Achievements by Students at State Level		
Muthumada Swamy A	Tug of War	First

Cultural:

Name of the student	Activity	Level
Prachi Pisat	Winner of Shravan Queen Title (2010)	CITY

5.3.3

How does the college seek and use data and feedback from its graduates and employers, to improve the performance and quality of the institutional provisions?

The Institute is keen on taking feedback and incorporating its learning to upgrade its academic delivery and infrastructure for holistic development of its students.

Feedback from graduates:

The graduates are the ones who can bring valuable information about the market status and condition and thereby create a linkage between the college and the

industry. The Alumni Meet held once every year, pulls in wave of ex-students who share their experience.

Feedback from Employers:

The Training and placement cell sends feedback form via mails for the feedback. Once feedback is collected various academic and placement related actions are taken. It makes institute aware about what a potential employer wants or what industry wants in terms of quality. The feedback collected is mainly about the quality of projects submitted by students and the improvements that were visible in Soft Skills through variety of programmes such as Dale Carnegie's programme.

5.3.4

How does the college involve and encourage students to publish materials like catalogues, wall magazines, college magazine, and other material? List the publications/ materials brought out by the students during the previous four academic sessions.

Students are very important part of any institution and their participation brings in name, fame and reputation to that organization which they belong to. The teachers encourage them to come up with creative ideas and those ideas have taken shape in the form of the articles which have seen its way into the various publications. Their approach towards certain articles pertaining to their subject and outside the subject zone, have been the matter of pride and appreciation. The channel for creative ideas in VSIT has taken form of magazines, journals and newsletter.

The list of student publications is as follows:

Publication	Description	Frequency
Vihaan	College magazine, which provides expression to the creativity of the students and faculty.	Yearly
Vijanan	Student research journal which contains research articles written by undergraduate and post graduate students	Yearly
Vector	A Newspaper supplement containing articles by students on various curricular, co-curricular, cultural and extra-curricular aspects of their lives	8 issues / year

5.3.5

Does the college have a Student Council or any similar body? Give details on its selection, constitution, activities and funding.

Yes, the college has a student council.

Selection:

The nominations are invited from students along with the statement of purpose. A selection committee selects the members of Students committee based on the nominations received. The selection committee selects the students based on their performance in academics, sports, cultural and other activities.

Student council Constitution

- | | | |
|------|--------------------------|---|
| I) | Chairman | : Principal Dr. Rohini Kelkar |
| II) | Teacher In-charge | : Mr. Umesh Koyande |
| III) | NSS Programme officer | : Mr. Vijay Gawde |
| IV) | Class Representatives | |
| | T.Y.B.Sc. IT | : Mr. Neehar Gaikwad |
| | S.Y.B.Sc. IT | : Mr. Eric Mandviwala |
| | F.Y.B.Sc. IT | : Mr. Radha Pillai |
| | T.Y.B.M.S. | : Mr. Sagar Amale |
| | S.Y.B.M.S. | : Mr. Muvic Jain |
| | F.Y.B.M.S. | : Mr. Khushrao Irani |
| | B.A.F. | : Ms. Radhika Kandalgaonkar |
| | B.B.I | : Mr. Sagar Bagwe |
| | B.F.M. | : Mr. Mitesh Parmar |
| V) | Teacher Sports In-charge | : Mr. Sandip Khandekar
: Mr. Vinayak Karande |
| VI) | Student In-charge | |
| | Sports | : Mr. Periyaswamy Konar |
| | NSS | : Mr. Atul Gupta |
| | Cultural activities | : Mr. Neehar Gaikwad |
| VII) | Lady representative | : Ms. Suman Malandkar |

Activities:

The various internal activities undertaken by Student council may include the following:

- Fresher's Party (event organized for welcoming first year student)
- Teachers day organization
- Garba Night
- Traditional day
- Tie/Saree Day

- Sports festival organization
- VERVE (annual cultural festival)
- Maay Marathi (Annual festival showcasing Marathi culture)
- VIGOUR (Inter - Collegiate festival)
- Kite Flying Day
- Scholars Day
- Graduation Day
- Shanivar Manch

Funding:

The Student Council prepares a plan of every event in consultation with the faculty in-charge. The estimated budget for the event is then prepared and sent for approval to the Principal. On approval of the budget, necessary payments are made for various heads within the budget. The funding is done partly through sponsorships and partly funded by the Institute.

5.3.6

Give details of various academic and administrative bodies that have student representatives on them.

Various academic and administrative bodies that have student representatives on them are:

Body	Number of students
Student Council	13
Sports	10 (1 captain and 1 co-captain per house)
CSI Chapter	5 (Student Coordinator, Marketing head, Technical head, Sponsorship head, Reporting head)
NSS	1 (NSS Leader)
Cultural Committee	2(Cultural Secretary, Co-secretary)
Vidyalankar Volunteering Committee (Extension Activity)	2
VSIT Live	5

5.3.7

How does the institution network and collaborate with the Alumni and former faculty of the Institution.

The institute networks and collaborates with the Alumni and former faculty of the Institute through:

- Alumni Directory : The alumni directory contains contact detail of all alumni

- Alumni Meet: Is an annual event where alumni of the Institute get meet other ex-students, and staff members. Former faculty members are also invited to attend.
- Official Facebook Page of VSIT provides a convenient tool for interacting with alumni and former faculty.

Any other relevant information regarding Student Support and Progression which the college would like to include.

CRITERION VI : GOVERNANCE, LEADERSHIP & MANAGEMENT

VIDYALANKAR DYANAPEETH TRUST

Late Shri C.S.Deshpande, Founder



MEMBERS OF THE TRUST

Dr. Sanjeevani C. Deshpande, Chairperson

Shri. Vishwas C. Deshpande, Managing Trustee

Shri. Avinash R. Chatorikar, Secretary

Smt. Rashmi Deshpande, Trustee

Smt. Namrata V. Deshpande, Trustee

Shri. Keshav R. Kulkarni, Trustee

Shri. Milind Tadvalkar, Director

VSIT

Dr. Rohini A. Kelkar, Principal

CRITERION – VI
GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 Institutional Vision and Leadership

6.1.1

State the vision and mission of the Institution and enumerate on how the mission statement defines the institution's distinctive characteristics in terms of addressing the needs of the society, the students it seeks to serve, institution's traditions and value orientations, vision for the future, etc.?

Vision

Our Vision is to establish a leading center for imparting Quality Education in the field of Science, Commerce and Management with emphasis on:

- Ensuring that students learn the fundamental concepts in various disciplines.
- Motivating students to apply the Scientific and technological knowledge to develop problem solving capabilities.
- Making students aware of the societal and environmental needs with specific appreciation of the emerging global context.

Mission

Our mission is to provide:

- An educational environment where students can reach the full potential in their chosen discipline and become responsible citizens without compromising in ethics.
- A scholarly environment where the talents of both, the faculty members and students are nurtured and used to create knowledge and technology for the benefit of the society.

To achieve this vision and mission, the following activities are carried out at VSIT:

a) Quality Education:

The Institute follows a stringent policy for recruitment of faculty. VSIT encourages the teaching faculty to pursue knowledge in specialized and emerging areas of technology and develop the skills to impart that knowledge to the students. The Institute organizes periodic Faculty Development Programmes for skill enhancement. The Institute follows a structured Teaching Learning Plan (TLP). The implementation of the TLP is monitored through systemic processes. Feedback from stakeholders is taken for quality enhancement.

b) Application of Science & Technology: The Faculty use modern teaching methods like role plays, visits and surveys, interviews, assignments, presentations, Group discussion, case studies, class room projects & live projects. Every year VSIT conducts an inter-collegiate paper presentation

competition named V-Search for inculcating research oriented approach among the students.

c) **Awareness about of the societal, environmental needs and Ethical Compliance:** VSIT celebrates Women day, Water day, Environment Day and many other similar notable days where student's participation is involved. VSIT provides scholarly environment by using modern teaching methods and organises interaction sessions so as to make students responsible global citizen.

d) **Fundamental concepts in various disciplines:** VSIT prepares a teaching-learning process whereby students have freedom of thought & expression. It helps students to free themselves from conventional ways of looking at things & develop holistic approach. Every end semester examination and weekly test papers containing "thought provoking questions" which are based on assessing the depth of knowledge of the topic. Question paper audits ensure balance and quality of semester end examination paper.

e) **Responsible Citizen:** Programmes such as NSS and VVC are also carried out to help students become responsible citizens.

f) **Faculty development programme:** The Institute promotes professional development of the faculty by organizing seminars, conferences and workshops. Faculty members of the Institute actively participate in national and international seminars and conferences. The Institute encourages faculty members to arrange resources for training programme and workshop.

6.1.2

What is the role of top management, principal and faculty in design and implementation of quality policy and plan?

VSIT looks at quality through the eyes of the student. Quality is a wholesome description of the culture, attitude and organization of an Institute that strives to provide students with educational services that satisfy their holistic needs.

Role of Top management

The Top Management works closely with the Principal and faculty and has regular interactions with them to help design and implement quality policies and plans. The Top management provides an environment conducive to learning. They make financial resources available for Quality Improvement initiatives. The focus of the Top Management always is "Customer Delight". They provide a platform for global interactions through tie-ups with various organizations. These interactions help sharing of Best Practices for quality enhancement.

Role of Principal

The Principal is the link between Top Management and faculty members. The Principal plays a very important role in preparing & implementing policies and plans for the institute. The various steps taken by the Principal are:

- Provide effective leadership to the College in fulfilling its mission.
- Regularly monitor all the activities of IQAC.

- Adopt open door policy for faculty members, administrative staff and students.
- Motivate all the faculty members towards research in their respective field.
- Encourage participative decision making.

Role of Faculty Members

Academic excellence begins with high quality faculty members. Faculty members at VSIT are passionately committed to teaching. They help develop and implement the quality policies within the Institute. They understand the changing needs of students and adapt accordingly. The faculty assist the Principal in various administrative functions of the college. They incorporate various innovative methods of teaching. They are part of various committees which supports quality policy.

6.1.3

What is the involvement of the leadership in ensuring:

- the policy statements and action plans for fulfillment of the stated mission
- formulation of action plans for all operations and incorporation of the same into the institutional strategic plan
- Interaction with stakeholders
- Proper support for policy and planning through need analysis, research inputs and consultations with the stakeholders
- Reinforcing the culture of excellence
- Champion organizational change

- **The policy statements and action plans for fulfilment of the stated mission:**

All the action plans & policies are student centric. The leadership provides resources for upgradation of staff and facilities to provide a scholarly environment for students. The Management, Principal and Faculty ensure that the students are nurtured and used to create knowledge and technology for benefit of society.

- **Formulation of action plans for all operations and incorporation of the same into the institutional strategic plan**

The leadership is closely involved in the process of planning what needs to be done, when it needs to be done, by whom it needs to be done, and what resources or inputs are needed to do it. The leadership through various activities like admission review, course diary & staff diary review, Daily Lecture Records (DLR) keeps constant involvement in all operations of the institute and monitors and implement strategic plans.

- **Interaction with stakeholders**

VSIT has created several platforms for interacting with its stakeholders as given below:

- **Parents meet** for keeping them updated regarding performance of their wards and the Parents feedback are recorded for taking necessary corrective actions.
- **Student counseling** is conducted for problem identification and resolution. The Institute conducts mentoring sessions for ensuring preventive and quick action against complaints.
- **HR department** communicates with the employees and collects feedback from them.
- Through **VSIT live**, students provide institutional Feedback.
- **Students' feedback** about faculty members is collected twice in a semester.
- **Alumni Committee** is responsible for interacting and involving alumni for growth of the institute.

• **Proper support for policy and planning through need analysis, research inputs and consultations with the stakeholders**

The Heads of the Departments review the departmental progress for continuous improvement in consultation with the Principal and the Dean. Additional training is given in the areas requiring improvement.

- The performance of the students is improved by internal assessment. Weekly test, Online Mid-term test, Projects, Presentations and Assignments are conducted periodically.
- Additional lectures are conducted for academically weak students.
- VSIT encourages research habits among students through V-search.

• **Reinforcing the culture of excellence**

As the world changes, leaders reinforce the culture of excellence with people of the Institute that makes changes to increase the quality of the institute.

Internal activities are the following:

- The Principal and HODs assesses progress and suggests changes in direction on a regular basis.
- People are inspired to create a culture of involvement, ownership, empowerment, entrepreneurship, improvement and accountability at all levels.
- Promote the generation of new ideas and new ways of thinking to encourage innovation and organizational development.
- Promote and encourage equal opportunities and diversities.
- The Institute has collaborations with international universities has helped creation of various workshops and programmes for promoting excellence in teaching.

• **Champion organizational change**

The leadership role of organizational changes is given below:

Initiating

- Developing a change mindset

- Providing visionary leadership
- Being well informed about the issues, opportunities, and how to get things done
- Involving key stakeholders and building commitment

Facilitating

- Working with people
- Working with teams
- Networking and getting the right people together

Implementing

- Planning and managing the change process
- Making things happen
- Keeping people focused and motivated
- Developing feedback mechanisms to evaluate and monitor progress
- Persevering until the change succeeds

6.1.4

What are the procedures adopted by the institution to monitor and evaluate policies and plans of the institution for effective implementation and improvement from time to time?

The Institute has developed Standard Operating Procedures (SOPs) and policies for effective implementation of all processes of the institute.

Procedures of monitoring and evaluation of policies and plans are as follows:

MONITORING:

- Each department conducts meetings fortnightly to monitor and review teaching and learning plan, staff diary, and course diary are maintained on regular basis.
- Regular meetings of the Principal with various functional heads like Examination Cell, Placement Cell etc. helps monitor all key processes.
- Committee calendar are made and Committee reports are published and presented at the end of every semester.
- Feedback is taken periodically from all stakeholders.
- Periodic meetings are held between Top management and Principal (C1); and Principal and Heads of Departments (C2); help in effective implementation of strategies and improvement of processes.
- A set calendar is followed for all these meetings.

EVALUATION:**Evaluation is done through the following:**

- C1 meeting (between Principal and Top Management)
- Local Managing Committee meets twice a year
- Outcome evaluation of teaching and learning plan.
- Feedback forms are evaluated for performance appraisal.
- The decisions of the meeting are implemented on regular basis.

6.1.5

Give details of the academic leadership provided to the faculty by the top Management?

The members of the Top Management are all highly educated and thorough academicians. They have been involved in academics all their life and lead by example. They organize and encourage faculty members to participate in training programmes. They provide faculty with opportunities of self-development by encouraging staff to take up research activities and providing the requisite infrastructure for the same.

6.1.6

How does the college groom leadership at various levels?

Yes

The college groom leadership at various levels. All the staff members are involved in various activities on the campus. The senior staff members are appointed as convenors of various committees which are directly involved in day to day operations of the college (like IQAC, Personality Development Committee, Women Development Committee, Students Activity Committee, Staff Welfare Committee, R & D Committee, Entrepreneur Development Committee, Placement Committee etc.).

- Encouraging faculty to take up administrative roles to promote leadership.
- Development and implementation of teaching and learning strategies, policies and processes at both Institute and University level are made.
- Consultancy projects are promoted amongst staff to promote leadership qualities amongst them.
- Promotion of innovative techniques in learning and teaching, including the oversight of e-education initiatives.
- Identifying staff training needs and coordinating staff development activities in teaching and learning.
- Various co-curricular and extra-curricular activities are organised through student Activity Committee with office-bearers. In this way the College grooms leaders at higher levels, teaching staff, non-teaching staff and students.

6.1.7

How does the college delegate authority and provide operational autonomy to the departments / units of the institution and work towards decentralized governance system?

The Principal, functions in order to fulfil the vision and mission of the Institute. The various functional units of the Institute are broadly categorized into Statutory, Administrative, Academic and Student related. Within each category there are various committees to oversee the functions of the Institute. The various units have periodic meeting as per a set calendar and also have periodic meetings with the Principal.

At VSIT, Head of Departments are delegated authority and operational autonomy to work towards a decentralized governance system. The policies largely aim at decentralization, reorganizing, distribution, expanding initiatives, and creating new avenues of collaboration between stakeholders.

The Principal of the college holds regular meetings with the teaching and non-teaching staff to discuss various issues. The Heads of Departments monitor the functioning of their respective Department. The participative decision-making ensures total participation of all the people concerned.

6.1.8

Does the college promote a culture of participative management? If 'yes', indicate the levels of participative management.

Yes, the college promote a culture of participative management. The members of the Top Management are always available for discussion with all the stakeholders, and encourage the involvement of the staff for the improvement of effectiveness and efficiency of the institutional process.

The Top Management and Principal promote participative management through regular meetings with various committee conveners and members. There is a schedule for various level of meetings such as C1 meeting (between Principal and Top-Management), C2 meeting (between Principal and Head of Department), D1 meeting (between Head of the Department and its staff members), D2 meeting (between Head of Departments and all teachers teaching within the department including members of other department and visiting faculty). The Top-Management has regular meetings with the Principal, faculty and other process owners.

The Principal with the Heads of the Departments discusses the needs, difficulties if any and suggestions to improve the educational quality. The teaching and non-teaching staffs are represented in the various college committees.

LMC: Local Management Committee

Local Management Committee is highest decision making authority between top management and college administration. It comprises of following members.

- Three expert members from industry or research or academician.
- Key policy decisions are approved by LMC in meeting.
- LMC meeting is conducted once in a year i.e. twice in an academic year.

6.2**Strategy Development and Deployment**

6.2.1 Does the Institution have a formally stated quality policy? How is it developed, driven, deployed and reviewed?

Yes, VSIT has a formally stated quality policy.

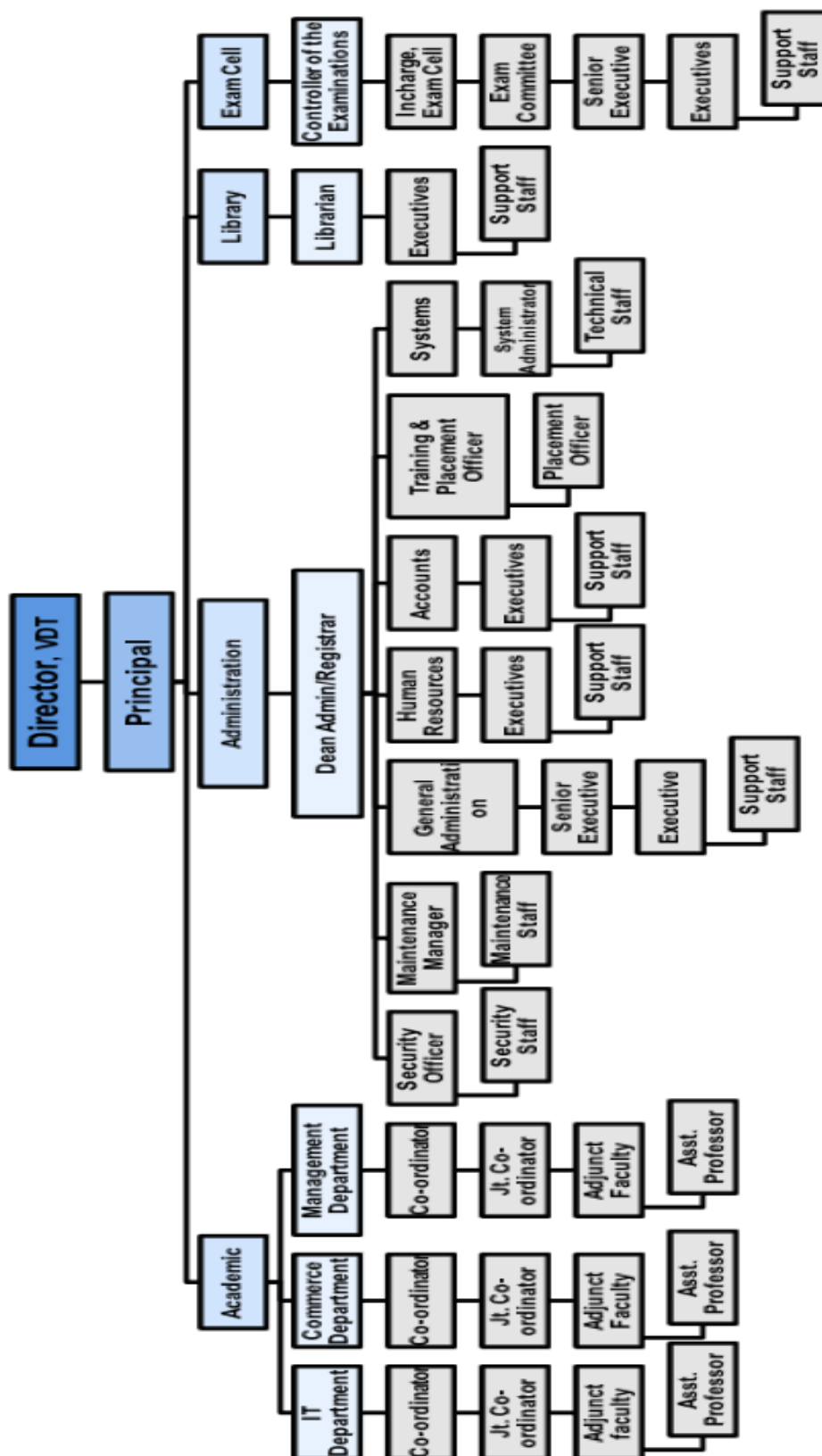
- The Principal has periodic meetings with the Head of Departments and students to get feedback of the functioning of the college. These feedback help develop the quality policy of the Institute.
- The Institute has written Standard Operating Procedures (SOP) for all the various functional processes being carried out by the college. These SOPs have been written to ensure consistency and quality across all processes.
- The various process owners like the HODs, In-charge of Exam Cell; Committee conveners etc. are responsible for the deployment of these quality policies and ensuring the SOPs are followed.
- There are periodic reviews and annual audits which are conducted by the process owners under the supervision of the Principal. The results of these reviews and audits are used to update the SOPs if required and develop new strategies for quality enhancement.

6.2.2 Does the Institute have a perspective plan for development? If so, give the aspects considered for inclusion in the plan.

Yes, the institute has perspective plan for development. The Institute plans to move from being a Teaching Institute doing research to a Research Institute doing teaching in the long term. The short term perspective plans include starting more Post Graduate courses and subsequently research centers in various disciplines. The College plans to encourage faculty members to undertake Minor and Major Research projects and provide consultancy to industry.

6.2.3 Describe the internal organizational structure and decision making processes.

Following is the internal organizational structure:-



6.2.4

Give a broad description of the quality improvement strategies of the institution for each of the following

- Teaching & Learning
- Research & Development
- Community engagement
- Human resource management
- Industry interaction

The quality improvement strategies of the institute:

- **Teaching & Learning**

- The Institute conducts TLP workshop before the beginning of each semester where the TLP is reviewed by peers and industry experts
- Various innovative teaching methodologies such as Flipped Classroom Methodology, Problem Based Learning (PBL) have been introduced as part of the TLP.
- All classrooms have been equipped with ICT facilities.
- A project for digitization of all course content with multimedia enhancements is underway.
- Regular Faculty development programmes are conducted.
- Question paper audits are performed to ensure quality of assessment.

- **Research & Development**

- R & D cell is established to inculcate research practices.
- Infrastructure facilities like well-equipped laboratory for student learning as well as for faculty research are made available.
- The library has books for research and prescribes to national and international Journals.
- Faculty members are sponsored for presentations in conferences hosted by other institutes both National and International levels.

- **Community engagement**

- Active participation in Community works like NSS. NSS camps are frequently arranged for promoting community service. Apart from this, the institute conducts blood donation drive every year. Other programme such as Voter card drive, Adhaar Card drive, Pulse Polio drive etc. is organized for quality improvement.
- Vidyalankar Volunteering Committee (VVC) takes up various extension activities for community.
- Health Camps are organized every year in collaboration with local community for the residents of the vicinity.

- **Human resource management**

The HR Department oversees:

- Manpower Planning
- Recruitment
- Training Need Analysis
- Impart training

- Monitors performance and Self –appraisals
- Exit interview to understand the reasons for people leaving.

- **Industry Interaction**

At VSIT we have an Industry Institute Interaction Committee (IIIC) in association with Placement committee. They promote industrial training for the students. The institute creates a tie up and signs MOUs with corporates (like i-Gate). Every academic year students are taken for industrial visits. Guest lectures by industry experts are conducted.

Both UG and PG students are motivated to undertake their end semester project in the relevant industries of their domain, thus exposing and preparing them to meet the real time requirement of the industry.

6.2.5

How does the Head of the institution ensure that adequate information (from feedback and personal contacts etc.) is available for the top management and the stakeholders, to review the activities of the institution?

The Principal conducts periodic meetings with all process owners and HODs. The findings are shared with the Top-Management. Information is passed on to other stakeholders through brochures, website and Social Media like Facebook.

6.2.6

How does the management encourage and support involvement of the staff in improving the effectiveness and efficiency of the institutional processes?

The Management encourages and supports involvement of the staff in improving the effectiveness and efficiency of the institutional processes through:

- SOP audits conducted every year by the process owners to improve the procedures.
- Training Sessions conducted on basis of the Training need analysis.
- Deputation of staff for conferences, workshops and FDP (Faculty Development Programme)
- Encouraging and supporting staff to upgrade their educational qualifications.
- Provide recognition to staff for significant contribution made by them.

6.2.7

Enumerate the resolutions made by the Management Council in the last year and the status of implementation of such resolutions.

The meeting of (LMC) was held and resolution was passed:

Resolution Passed	Action Taken
Expert members suggested that some cultural activities be organized for faculty members	Cultural activities for faculty members have started in in Shanivar Manch from June 2013.
Information about various research papers presented by our faculty members were shared with LMC members & they were informed about satisfactory organization & conduct of National Research Conference VISMIT 2014.	It was appreciated by all LMC members.
Asif Rampurawala explained the NAAC road map and informed the LMC members that our process of NAAC has began.	LMC members appreciated & extended their full support in the NAAC process.
Mr. Ninad Dani an expert LMC member inquired about 'EDAC'	Prof. Asif rampurawala informed him about 'Business Bazigar' activity and guest lectures on 'Business opportunity in Africa.'
Mr. Ravi Eppaturi an expert LMC member suggested upgrading the college website.	College website has been updated.
LMC members were briefed about the progress in sport activities at colleges & university level.	We have produced medal winners & are continuing to give exposure to students in our colleges.

6.2.8

Does the affiliating university make a provision for according the status of autonomy to an affiliated institution? If 'yes', what are the efforts made by the institution in obtaining autonomy?

Yes, there is a provision. The college will apply for Autonomy after fulfilling eligibility requirements.

6.2.9

How does the Institution ensure that grievances / complaints are promptly attended to and resolved effectively? Is there a mechanism to analyse the nature of grievances for promoting better stakeholder relationship?

The Grievance Redressal Cell has been constituted as per the provisions of the University of Mumbai. As and when the committee receives grievance/ complaint, they review and resolve the problems. They also ensure that

necessary actions are taken. The complaint details are filed separately and kept confidential with the chairperson of the committee

Suggestion box is put up in the institute campus so that stakeholders can present their suggestions and complaints.

6.2.10

During the last four years, had there been any instances of court cases filed by and against the institute? Provide details on the issues and decisions of the courts on these?

No

6.2.11

Does the Institution have a mechanism for analysing student feedback on institutional performance? If 'yes', what was the outcome and response of the institution to such an effort?

Yes, VSIT collects online feedback from the students on the continuous basis. The Institute has adopted a system of periodically collecting secret-ballot-type feedback from the students where the students can fearlessly write their opinion about any aspect of the Institute without having to disclose their identity. Every semester, students evaluate their subject teachers using the specified questionnaire (feedback form). The Institute also has a grievance redressal cell where the grievances from the students end are received, heard seriously and addressed as and when required.

6.3**Faculty Empowerment Strategies****6.3.1**

What are the efforts made by the institution to enhance the professional development of its teaching and non-teaching staff?

The Institute has policy of encouraging professional development of faculty and supporting staff listed below:

- The HR Department prepares a Training calendar on basis of the training need analysis.
- Programme such as short-term training programme (STTP), Teaching learning excellence (UIUC), Dale Carnegie, etc., are conducted to enhance professional development of teaching staff.
- Eminent personalities are invited some of these include Padamvibhushan Dr. Raghunath Mashelkar, Dr. Rajpal Hande, Dr. Sanjivani Deshpande etc. to address the teaching and non-teaching staff as part of professional skill development.
- The teaching and non-teaching staff are provided training programme through regular workshops, seminars and conferences.
- Programmes like Soft Skill Development, Emotional Intelligence Training are organized for overall personality development of the employees.

- Staff is deputed for training programmes both in-house and outside the organization.

6.3.2

What are the strategies adopted by the institution for faculty empowerment through training, retraining and motivating the employees for the roles and responsibility they perform?

The strategies adopted by the Institute for faculty empowerment are:

- All new staff members joining VSIT undergo an Induction Programme.
- Enrichment programmes are conducted for staff skill development.
- Resources and equipment are made available for faculty desirous of undertaking research activities.
- Staff is provided with an opportunity to participate in various committee of their choice.
- Linkage with industry and institutes for faculty exchange, staff training etc. are conducted.
- Leaves and financial support are provided to staff members for training and developmental activities.

6.3.3

Provide details on the performance appraisal system of the staff to evaluate and ensure that information on multiple activities is appropriately captured and considered for better appraisal.

Faculty is assessed twice a semester by student's feedback and reviewed by the Principal. Every year individual faculty reports are generated by HODs as a part of the process of performance appraisal. These reports are sent to HR department by the principal for further assessment. A staff diary is maintained by every faculty on Academic Performance for self-appraisal. A self-appraisal form is used for performance appraisal of faculty members.

Non-teaching staffs are appraised on KRAs (Key Result Areas) assigned to them, being further assessed for technical and managerial competencies by Reporting Officer (RO).

6.3.4

What is the outcome of the review of the performance appraisal reports by the management and the major decisions taken? How are they communicated to the appropriate stakeholders?

The outcome of the review of the performance appraisal reports is conveyed to faculty members and their improvement is monitored. Mentors are appointed to strengthen the faculty in their respective field. Increments for Non-Teaching are based on performance.

6.3.5

What are the welfare schemes available for teaching and non-teaching staff? What percentage of staff have availed the benefit of such schemes in the last four years?

There is an active Staff Welfare Committee which takes efforts for welfare of teaching and non-teaching staff as follows:

- There are flexible provisions for study leaves, Maternity leave, Annual Dinner, Annual Picnic and Long Leaves.
- Need based loan facility is also available for non –teaching staff.
- For Non-teaching staff, uniform is provided by institute.
- Medical Insurance for all teaching and non-teaching staff is provided by the Institute

6.3.6

What are the measures taken by the Institution for attracting and retaining eminent faculty?

Academic excellence begins with high-quality faculty. Faculty not only enhances the Institute's teaching and programmatic reputation but also attracts the highest quality students at all levels. Attracting and retaining exceptional faculty members is by far the single most important factor responsible to enhance the status of the Institute. The measures taken by the Institute for attracting and retaining eminent faculty are:

- Vacancy advertisement in major news papers
- Transparent recruitment strategy
- Salary based on industry standards
- EPF and Gratuity for faculty
- An engaging and productive environment
- Leaves and other support for faculty empowerment
- Exit interviews

6.4**Financial Management and Resource Mobilization****6.4.1**

What is the institutional mechanism to monitor effective and efficient use of available financial resources?

The institutional mechanisms to monitor effective and efficient use of available financial resources are:

- Process owners provide requisitions for procurement.
- The Principal prepares and presents the requirements and its financial allocation proposals in the LMC (Local Management Committee) meeting.
- The approved copy is sent to Accounts Department which also monitors the utilization.
- For purchase of any equipment, consumables and capital goods a standard procurement process is followed (Inviting quotes, negotiations, purchase order etc.).
- Annual financial audit is performed of all accounts.

6.4.2

What are the institutional mechanisms for internal and external audit? When was the last audit done and what are the major audit objections? Provide the details on compliance.

The trust (VDT) carries out internal audits through in-house/ external agencies to ensure reliability in terms of budget details and to avoid any form of discrepancy.

Statutory Audits are conducted every year by a Chartered Accountant (R. V. Chougule). The last audit was done during the financial year 2013-14. There were no audit objections.

6.4.3

What are the major sources of institutional receipts/funding and how is the deficit managed? Provide audited income and expenditure statement of academic and administrative activities of the previous four years and the reserve fund/corpus available with Institutions, if any.

The Institute belongs to permanently unaided category and receives no funding from Government. Student's fees are the source of revenue.
(Balance sheets enclosed).

6.4.4

Give details on the efforts made by the institution in securing additional funding and the utilization of the same (if any).

To generate a parallel stream of revenue the Institute encourages faculty to take up technical projects and consultancy work. The trust has constituted VCS (Vidyalankar Consultancy Services) through which activities are carried out for revenue generation.

Students and staff are encouraged to get sponsors for social programmes and conferences to offset the costs.

6.5**Internal Quality Assurance System (IQAS)****6.5.1 a)**

Has the institution established an Internal Quality Assurance Cell (IQAC)? If 'yes', what is the institutional policy with regard to quality assurance and how has it contributed in institutionalizing the quality assurance processes?

Yes, the institute has established an Internal Quality Assurance Cell (IQAC). The guiding principles for IQAC at VSIT are:

- Ethics
- Integrity
- Trust
- Training

- Teamwork
- Leadership
- Recognition
- Communication

The IQAC channelizes and systematizes the efforts and measures of the Institute towards academic excellence on basis of the above guiding principles. It has suggested training interventions to help develop attitude that puts quality first and refuses to accept second grade results.

6.5.1 b)

How many decisions of the IQAC have been approved by the management/ authorities for implementation and how many of them were actually implemented?

Some of the decisions approved by the management for immediate implementation were:

- Funding provided for research activities
- Support for National Conference
- Appointment of Adjunct faculty

6.5.1 c)

Does the IQAC have external members on its committee? If so, mention any significant contribution made by them.

There is one external member on the committee. Mr. Suresh Patil has been guiding the NAAC accreditation process for the institute.

6.5.1 d)

How do students and alumni contribute to the effective functioning of the IQAC?

The suggestions of Alumni are useful for guest lectures, workshops, seminars, annual gathering, feedback system, placements, etc. Feedback is analyzed by IQAC and steps for improvement are suggested. These suggestions are then conveyed to concerned process owners and the Management.

6.5.1 e)

How does the IQAC communicate and engage staff from different constituents of the institution?

Suggestions are communicated through various periodic meetings with the process owners under the guidance of the Principal.

6.5.2

Does the institution have an integrated framework for Quality assurance of the academic and administrative activities? If 'yes', give details on its operationalization.

Yes, the Institute has an integrated framework for Quality Assurance of the academic and administrative activities. Activity calendars are prepared and communicated to all stake holders. The SOPs have been developed to standardize processes and are periodically audited and reviewed.

6.5.3

Does the institution provide training to its staff for effective implementation of the Quality assurance procedures? If 'yes', give details enumerating its impact.

Yes, the Institute provides training to its staff for effective implementation of the Quality assurance procedures. The Teaching staffs are sent to various orientation programmes held in various Universities and colleges.

The following steps are adopted for the benefit of faculty.

- Induction Programme for new joiners.
- Training needs analysis.
- Training Activity calendar is prepared and published.
- Depute faculty for Orientation Programmes, Summer and Winter Programmes, Technical skills Development Programmes and encourage to participate in conferences and seminars.

6.5.4

Does the institution undertake Academic Audit or other external review of the academic provisions? If 'yes', how are the outcomes used to improve the institutional activities?

Yes, the institute undertakes Academic Audits through:

- TLP review and audit by external experts
- DLR (Daily Lecture Records)
- Question paper audits
- Moderation of answer sheets by external faculty
- Result analysis review by Principal, Management and HODs
- Appraisal for staff members

6.5.5

How is the internal quality assurance mechanisms aligned with the requirements of the relevant external quality assurance agencies/regulatory authorities?

The Institute uses the evaluation methods in lines with the suggestions of the accrediting agencies. The internal quality mechanisms are fully aligned with the requirements of NAAC.

6.5.6

What institutional mechanisms are in place to continuously review the teaching learning process? Give details of its structure, methodologies of operations and outcome?

All faculty members are provided with staff diaries and course diaries for theory and practical sessions. These diaries contain the implementation details of all TLP activities including the methodologies and activities conducted by the staff for enrichment of curriculum. These staff diaries and course diaries are reviewed fortnightly by the Departmental heads.

Activities	Outcomes
Teaching Learning Plan Workshop	A detailed TLP with beyond syllabus activities included
Monthly syllabus completion report	Identification of need for extra sessions if any.
Conducting weekly tests and midterm online test	Continuous evaluation and provides input for identifying weak students
Conducting extra classes for academically weak students	Improvement in results and decrease in drop-out rate.
Lab manuals are prepared by the institute and made available for the student.	Provides standardization and enhancement of hands-on activities
Detailed subject-wise lecture notes are prepared by each faculty.	Supplements the lectures taken by faculty

6.5.7

How does the institution communicate its quality assurance policies, mechanisms and outcomes to the various internal and external stakeholders?

The Institute communicates its quality assurance policies, mechanisms and outcomes to the various internal and external stakeholders through meetings, website (www.vsit.edu.in), VSIT LIVE, Facebook, emails, reports, Newspaper (Vector) and notices.

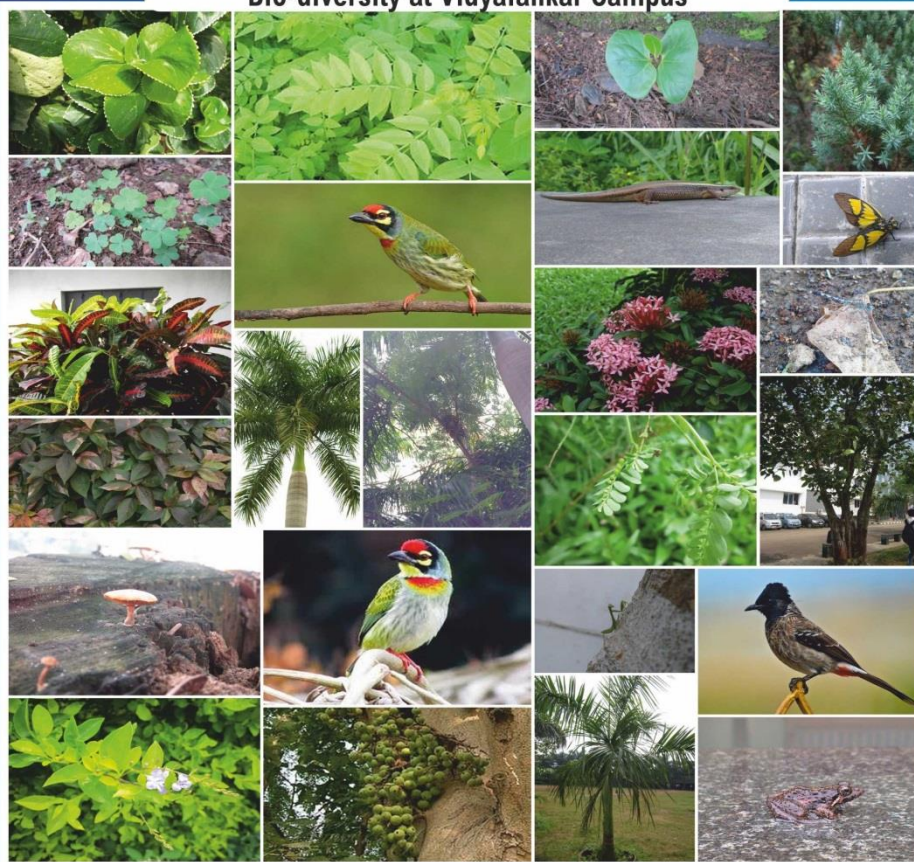
Any other relevant information regarding Governance Leadership and Management which the college would like to include.

- The Chairperson of Vidyalankar Dnyanpeeth Trust, Dr. Sanjeevani Deshpande's lead by example is available on campus daily. She is a double post graduate and recently completed her PhD. She has been an academician throughout her life.
- The Director, VDT looks after the infrastructure of all the institutes on campus to allow the Principal to focus on Academics. This also allows a sharing of best practices within institutes and optimal utilization of resources.

- The Management is keen to use technology in TLP implementation through supporting projects based on mobile platforms such as Digitization of content and providing ERP automation.

CRITERION VII : INNOVATIONS & BEST PRACTICES

Bio-diversity at Vidyalankar Campus



Sewage Treatment Plant

CRITERION – VII

ENVIRONMENTAL STUDIES – ENVIRONMENTAL MANAGEMENT

7.1 ENVIRONMENT CONSCIOUSNESS

7.1.1 Does the Institute conduct a Green Audit of its campus and facilities?

The institution practices green initiatives in all its processes. It has constituted internal green audit team which is supposed to periodically conduct green audit.

7.1.2 What are the initiatives taken by the college to make the campus eco-friendly?

- * Energy conservation
- * Use of renewable energy
- * Water harvesting
- * Check dam construction
- * Efforts for Carbon neutrality
- * Plantation
- * Hazardous waste management
- * e-waste management

* **Energy conservation**

The college is taking efforts in terms of energy conservation by-

- Using energy efficient lighting system
- The Institute has installed special ventilation system which helps in continuous outflow of hot air and thereby reduces temperature of the area around classrooms.

* **Use of renewable energy**

- The Institute is planning to use solar panels for street lighting on the campus.

* **Water harvesting**

- The Institute is on the land which has high water table. Water for non-drinking purposes is drawn from the well on the campus which has perennial water supply.
- Water for flushing purpose is drawn from the Sewage Treatment plant situated on the Campus.

* **Check dam construction**

- The Institute is located in the island city of Mumbai. The geographical location of the Institute is not suitable for check dam construction

* **Efforts for Carbon neutrality**

- The Institute is very keen on spreading environmental awareness among its stakeholders. Students are enlightened about the urgency of environmental protection through various programmes.
 - Environmental consciousness is imbibed into the young minds through curriculum which is taught by the environmental specialist teachers.
 - Students are encouraged to take up live projects on environmental impact of various issues.
 - VSIT campus have plantation which works as a major sinking point and reducing carbon footprint.
 - The electrical appliances used for various purposes are star rated. So there is efficient use of electricity.
- * Plantation**
- The Institute has initiated landscaping which will suit the academic environment on the campus. Taking care of space constraint in the metropolitan city like Mumbai, all possible care is taken to maintain the green cover on land. Efforts are done to have native species of plants on the campus to increase the faunal diversity.
 - Campus has many native species of plants, attracting good number of birds including Coppersmith Barbet (City Bird of Mumbai).
- * Hazardous waste management**
- Academic courses run by Institute do not generate hazardous waste.
- * e-waste management**
- VSIT takes care to minimise e-waste generation. Maintenance of computers by the technical staff on a regular basis, re-utilisation of spare parts, etc are some of the methods for increasing the life of machines.

7.2 Innovations

7.2.1

Give details of innovations introduced during the last four years which have created a positive impact on the functioning of the college.

The innovations introduced during the last four years which have created a positive impact on the functioning of the college:

• Dale Carnegie Workshops

The Institute imparts workshops by Dale Carnegie Training Institute (US) on Interpersonal Skills. The syllabus of the program is set keeping the core objectives which helps the student to have an easy transfer from education world to corporate world. The students in this program are also trained to deal with Group Discussions & Personal Interviews. Six workshops (one per semester) are conducted free of cost for every student at VSIT.

- **Shanivar Manch**

VSIT created “Shanivar Manch” to create an educating experience by providing qualitative non-academic interactions for the students every Saturday afternoon which helps them acquire knowledge and skills essential for their personality development and provide a platform for students to express their talent.

The various activities conducted as part of Shanivar Manch are:

- Workshops – Chess, Rangoli, Nail Art, Sari Designing etc
- Movie Screening – Inspirational & Educative
- Sports Competitions – Inter and Intra College
- Dance – National and International dance forms
- Music sessions – College bands performing for their fellow students
- Quizzes and Debates

- **Teaching Excellence workshop series**

Cheelan Bo-Linn, Center for Teaching Excellence and Dilip Chhajed, Business Administration University of Illinois at Urbana-Champaign (UIUC) have conducted workshop series twice for the staff members of VSIT.

The topics covered in these workshops included:

- Creating Courses to Promote Significant Long-Term Learning
- Effective Questioning Strategies to Promote Critical Thinking and Deep Learning
- Active Learning: Ways to Improve Learning and Create Excitement in the Classroom
- An Active Learning Project: Problem-Based Learning
- Informal Early Feedback (IEF) and Classroom Assessment Techniques (CATS): Ways to Get Timely, Effective Feedback
- Designing Effective Student Teams and Assignments
- Moving from Problems to Solutions in Teams

- **Special policy for drop out students**

Students at VSIT who drop out due to any reason are kept engaged and connected with college. This is done mainly in two ways:

- Firstly, students who dropout are allowed to attend the year / semester again to help them prepare for their ATKT examinations. These students benefit both academically and psychologically by attending regular college.
- Secondly, if the students do not attend regular lectures despite of drop-out, are called for remedial tutorial sessions where students are made to solve remedial sheets under supervision of faculty members who help with doubts if any.

- **Weekly test**

Every Monday morning, the first period is reserved for weekly test at VSIT. The schedules for these weekly tests are published in advance. Each week, students give test in one subject. The marks of these weekly test form part of the internal assessment of students in each subject.

- **Online Mid-term test**

Mid-term test are conducted online through MOODLE. This project has been well received by students and faculty. The online examination system provides each student random set of questions with shuffled distractors. The students find this mode of assessment less strenuous compared to written examinations.

- **Standard Operating Procedures (SOP)**

At VSIT all academic and administrative processes have a documented Standard Operating Procedure (SOP). Standard Operations are a way of ensuring consistency. If any process is allowed to operate in a non-controlled manner will inevitably produce variations in the services it generates. These variations affect Quality of Service. SOPs ensure that we can generate the expected level of Quality in line with requirements of various stakeholders.

These SOPs are periodically reviewed and changes if necessary are incorporated. The SOPs are made available to all staff members for perusal. The familiarization with SOPs is part of the induction programme of all new employees.

- **Daily Lecture Record monitoring**

Daily Lecture Record (DLR) is prepared every day for each class. This DLR keeps track of engagement of lectures by faculty members, attendance of students in each lecture and lecture adjustments if any. The DLR is prepared by administrative staff who personally monitor and prepare the records. The DLR is emailed to all Heads of Departments and Principal daily. This helps them keep a track of lecture engagements and adjustments on a day to day basis.

- **VPrint**

VPrint is a service which provides easy access to printing facility to students, faculty and employees of the college. Students can give print commands from anywhere, on campus or off-campus (homes) using this service. VPrint printer/copier is a multi-function device capable of large volume printing, duplexing, copying.

Any VPrint user can login into a web based system on or off campus and check the balance printing credit, upload files of certain formats for printing, cancel print requests, see how past print jobs have affected the environment

and much more. Three release stations for V-Print have been established at strategic locations on campus.

- **VSIT Live**

VSIT live is a social-academic portal which is used by students to collaborate and share content between student –student, student-teacher and teacher-teacher. It is widely used by students and faculty to upload notes, presentations, information relevant to their courses and notices. The entire portal is managed/administered by students and staff jointly.

The students at VSIT are currently working on developing an mobile app for VSIT Live which will allow smoother access through mobile phones and tablets.

- **Vijanan**

Vijanan an in-house publication which contains research articles written by undergraduate and post graduate students. Vijanan provides a platform to promote undergraduate and postgraduate research. A lot of learning occurs when students do research. Learning that does not happen during traditional coursework. Classroom knowledge is reinforced and more completely assimilated when students are given the opportunity to apply that knowledge.

- **Technical Seminars**

Each week Technical seminars are organized on latest technology and trends. These seminars aim to spread awareness amongst faculty and students about the latest trends and innovations happening in industry. These seminars are usually given by faculty members but occasionally students also present topics of interest.

- **Digital Content**

The Institute has undertaken a courseware digitization project. Through this project courseware for each subject at VSIT is being digitized with enhancements in a phased manner. The enhancements include video clips, animations, colours, etc. which make the entire courseware more robust and interesting. The digital content is accessible through web browsers and can also be loaded on mobile phones and tablets via a mobile app.

- **Faculty Exchange**

Through its various collaborations, VSIT has been engaged in promoting faculty exchange programmes. VSIT has had a successful faculty exchange programme with Sheffield Hallam University, UK. The benefits to the Institute from this program are manifold and include wider experience for our faculty members teaching in new and different environments and

broader exposure for our students from visiting faculty members. These exchanges have further helped faculty to meet and work with colleagues in different institutions.

- **Earn While You Learn**

The students of various streams are encouraged to gain hands-on experience which would help them in their future. Summer Internships / On Job training helps students gain a first-hand experience of the corporate world and thereby develop their self-confidence and personality. The Placement cell headed by the Training and Placement Officer (TPO) at VSIT advertise vacancies for Summer Internships and On-job training opportunities. They are also responsible for interacting and building links with newer companies to provide more summer placement opportunities to students.

- **Value Added Courses**

Students gain knowledge through the value added programmes, which will enable them to face the future challenges. The Institute organizes various value added programmes for its students every year.

The value added courses conducted at VSIT are:

- Graphics course
- Animation course
- Android Application Development course
- Introduction to SAP
- Glimpses of Financial Markets
- MS Office (EXCEL) programme
- Tally
- Foreign Language (French) course

7.3 Best Practices**1. Information & Communications Technology at VSIT****Goal**

Technology is used to enhance learning; therefore it is important for educators to ensure that students get the full advantages of educational technology. We at Vidyalankar tried to incorporate computers as well as necessary enterprise software, middleware, storage, and audio-visual systems, which enable students as well as faculty members to access, store, transmit, and manipulate information. Our endeavour is to help the students to become competent and confident users of ICT who can make efficient, effective and creative use of basic application software in their everyday activities and to encourage them to become critical and reflective users of ICT.

The Context

Advancement in Technology has seen a sea change in the activities on campus. Some of the areas that have been introduced to make the work of students easier on campus through the use of advanced technology are the world class automated in house print facility, online educational portal, audio-visual learning aids, digital libraries, vending machines etc.. The V-Print system enables students to issue print commands from virtually anywhere in the world at the most affordable prices. The Institute has its own social networking portal that allows students to maintain their academic interactions under this one portal with friends and faculty. Class room notes activities and lecture details are shared on this platform. The Institute conducts Aptitude tests and Mid-term tests online making it a paperless system and promoting the Go Green Drive.

The campus provides students and faculty with a digital library which enables users to access videos, lectures, presentations and documents. It allows users to have their own personal briefcase. They have the option to share it with other users all across the globe.

Projectors are installed in every class room so that the teaching pedagogy could be made more interesting through audio- visual means.

Automatic vending machines are installed for the facility of students to be able to buy a snack of their choice through a novel process. A snack between classes has become easy, affordable and very unique.

The Practice

V- Print, the printing portal sees students in large numbers taking printouts by using the simple method of swiping their I Cards. They could give the commands for the same by even sitting at their homes. V-live the academic-social portal is widely used by students and faculty to upload notes, presentations, information relevant to their courses and notices. With the Online Midterm Test, Teachers are able to assess their students on innovative MCQ's that they design specifically on completion of every topic to ensure complete understanding of the same. The assessment naturally has become swifter and students are updated about their performance from time to time. The audio visual learning aids make teaching and learning both more effective. Students are able to exhibit their presentations through power point presentations. Teachers are able to make their lectures livelier through the use of PPT's and audio video clips. The campus is equipped with 240 computers for the use of both faculty and students. The campus is Wi-Fi enabled making internet accessible easily for teachers and students to refer to archives at the click of a button. LCD notice boards are installed at vantage positions for recent updates and news. For a quick bite between classes, the Automatic Vending machine is widely used by students to buy a product of their choice just by entering the product code & required amount at ease.

Evidence of Success

The evidence of success is visible both qualitatively as well as quantitatively. The qualitative indicators are firstly the happy faces of the students and teachers who seem comfortable in an environment which is conducive to quality education. All students are able to easily access the facilities provided to them. For example, the V-Print is a novel technology used to avail of print outs and students and teachers alike make the best use of it. The class room activities are made livelier with the projectors where students are able to showcase their skills in animation and creativity when it comes to making presentations. Teachers also use the medium to make the best use of innovative pedagogy. The fully equipped labs with LAN connections help both students and faculty for updating knowledge and conducting practical work without any problems. The results this year with 1 student getting 7.0 out of 7.0 stand testimonies to the fact that the best practices have made a difference. The use of the Digital Library coupled with the skills acquired by students to make better use of technology has resulted in a substantial rise in Paper presentations being made in colleges across Mumbai and winning laurels. Due to Online Midterm test, it has become easy & quick to assess the knowledge of the students. Students are enjoying the use of Automatic Wending machine to buy products of their choice.

Problems encountered & Resources required

Initially, it was a difficult task for the students to get the printouts using V-Print even reading the User manual but as the time passed it became an easy task for them. During online midterm test we had faced the issue of Server load as the number of users logged in went beyond capacity. So we divided number of students' batch wise and conducted the exam. As it is an online test each student gets different set of questions.

Contact Details

Name of the Principal	: Dr. Rohini Alok Kelkar
Name of the Institution	: Vidyalankar School of Information Technology
City: Mumbai	Pin Code: 400 037
Accredited status: 1 st Cycle	Work Phone : 022 2416 11 26
Fax: 022 2416 11 26	Website: www.vsit.edu.in
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2. Committee Structure at VSIT

Goal

The Committee structure allows all the members to participate in decisions affecting the organization as a whole. Committees are a way to formally draw together like minded people from different departments who otherwise would not have a good way to share information and coordinate actions. They may have the advantage of widening viewpoints and sharing out responsibilities.

The Context

Institute realizes the need to continually get better in order to be more competitive, we need to be more efficient and perhaps more effective. We began to be more efficient and accountable in the way we allocated and accounted for resources infrastructural, financial and human, which in turn led to an increased focus on planning and setting priorities. Given these contexts, college needed its employees to be more active as partners in mapping strategic institutional directions. Getting all the committees to be tied up in a common thread was of prime importance.

The Practice

The Institute has developed 22 committees which look after the technical, administrative and extra-curricular activities of the institutions. These committees are responsible for implementation of the objectives of the Institute. These committees interact with all the stakeholders (students, parents, faculty, employers, top-management) and help in developing and execution the strategies of the organization. Every committee have a well-defined and documented “Goals and Scope” which gives direction and basis for measuring the performance of each committee. The committee consists typically of a convener and 3-4 members of staff.

The selection of the committee is done by the Principal keeping in view preferences given by each faculty member. The individual preferences are collected in advance. The committee constitution is as per the policy guidelines prescribed within the policy document for each committee. Great care is taken in having right people for the right job and yet provides exposure to each faculty with different committee functions.

Each committee conducts regular meetings as defined in the policy document for each committee and keeps it minutes of meetings. These meetings are useful in creating a roadmap and action plan for various activities conducted by each committee. Each committee conducts its activities as per a self-declared activity calendar which is published and displayed prominently within the

Institute. Each activity of the committee is publicized through the website and flex displayed on the campus. On completion of the activity the committee prepares a report and sends it to the Principal.

Every six months a committee meet is organized wherein each committee convener presents the activities conducted in the last six months. In the meet the committee also proposes their activity calendar for the next six months. The meet is chaired by the Principal and all faculty members attend and give feedback on the activities and future plans.

Evidence of Success

The committee structure came into place in 2009. Until then the various activities were done by ad-hoc committees put together for the specific purpose. These committees have over the years allowed the Institute to delegate responsibility among the staff members and increased a feeling of ownership amongst them. It has provided an opportunity for faculty and student empowerment and involvement of all stakeholders in the betterment of the Institute. The success of the committee structure can be seen from the half-yearly committee reports which is compiled and published every June and December. There has been a steady improvement in the overall quality of activities been done. Some of the highlights of these committee initiatives are:

1. “VISMIT”, National Conference in IT and Management conducted by the R & D committee.
2. “Vigour” (intercollegiate fest) and “Verve” (Annual intra-house competition) conducted by Students Activity committee.
3. Increase in campus placements through the various activities conducted and MOU’s signed due to the initiatives of Placement Cell.
4. Vidyalkar volunteering committee and NSS unit have conducted lots of community outreach programme
5. Eminent Guest have visited the campus and interacted with the students and staff due to the initiatives of Staff development committee , Women Development Cell, Industry Institute Interaction Committee and Entrepreneurship Development Activity Committee.

Problems encountered & Resources required

The purpose of having these committees has been to streamline all the activities of the Institute. The biggest challenge in smooth functioning of these committees is to get the right team under an able leader (convener). The preferences and expertise of the faculty are considered while constituting the committee but sometimes all preferences cannot be incorporated. Initially there was a lot of debate in terms of number of activities to be conducted by each committee and the consequent effect on the quality of these activities. Committees have now achieved a nice equilibrium in terms of both quantity and quality. The endeavour to continuously improve and not get complacent or settled in a comfortable zone where innovation ceases is the greatest challenge of all.

Contact Details

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D

Inputs from the Departments

i

**Department of
Commerce**

DEPARTMENTAL INPUTS
Department of Commerce

1 Name of the department:

Department of Commerce

2 Year of Establishment:

2009-2010

3 Names of Programme / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.):

Under Graduate:

- B.Com. (Accounting and Finance)
- B.Com. (Banking and Insurance)

4 Names of Interdisciplinary courses and the departments/units involved:

Nil

5 Annual/ semester/choice based credit system (programme wise):

All Courses are under Credit Based Semester Grading System

6 Participation of the department in the courses offered by other departments:

Some of the Commerce faculty takes lecture in the Management course (Bachelor of Management studies) and Information Technology mentioned as under.

Department	Course	Subject	Semester
Management	B.M.S.	Introduction to Financial Accounting	I
		Business Law	I
		Introduction to Cost Accounting	II
		Management Accounting	III
		Direct & Indirect Taxation	IV
		Financial Management	V
		Special Studies In Finance	VI
Information Technology	B.Sc.(IT)	Project Management	VI
		Patent Law	VI

Also Participates in Seminars, Workshops etc., organized by other departments.

7	Courses in collaboration with other universities, industries foreign institutions, etc.
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1. National Skill development Corporation of India in Association with Bombay Stock Exchange had come up with Star Scheme for the development of students who interested in finance area. Under said scheme course on Global financial Market is conducted.
2. VSIT in association with VCP, Mumbai conducted CMAT special training course for commerce students for scoring high percentage in PG entrance exam.
3. VSIT in association with VCP, Mumbai offers certificate course in Graphic designing and 2D Animation as add on professional courses to commerce students.
4. SAP course is conducted by Enterprise Building Training Solution

8	Details of courses/programmes discontinued (if any) with reasons:
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Nil

9	Number of teaching posts
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	Sanctioned*	Filled
Professors	-	-
Associate Professors	-	01
Asst. Professors	10	08
Adjunct Professors	-	01

*Un-aided Section with all self-financed courses

10	Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)
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S. No.	Name	Qualification	Designation	Specilization	No. of Years of Experience	No. of Ph.D. Students guide d for the last 4 years
1	Dr.(Mrs.) Rohini Kelkar	M.A (Eco.) Ph.D	Principal	Economics	27	-

2	Dr.Chandrasehas Deshpande	M.A (Eco.) Ph.D	Adjunct Faculty	Economics & Finance	25	
3	Mr.Vijay Gawde	M.Com,PGDFM,MBA (Finance), NET(Commerce)	Asst. Prof.	Accounting and Finance	10	-
4	Mrs. Daizy Kulkarni	M.Com (Business Management), SET(Commerce)	Asst. Prof.	Commerce	09	-
5	Ms. Chitra More	M.Com, LLB, MCA, NET(Commerce)	Asst. Prof.	Accounts and Law	07	-
6	Mr. Sandip Khandekar	M.Com, M.Phil., Pursuing Phd.	Asst. Prof.	Accounting and Finance	08	-
7	Ms. Nutan Singh	M.A (English)	Asst. Prof.	English	06	-
8	Mrs. Lakshmi Kavitha	M.Com, MPhil, NET(commerce), ICWA(Inter), Pursuing Ph.D.	Asst. Prof.	Commerce	07	-
9	Mrs.Poonam Mirwani	M.Com, MBA, NET, SET, Pursuing Ph.D.	Asst. Prof.	Accountancy	07	-
10	Mr. Vivek Gupta	M.Com., NET	Asst. Prof.	Accountancy	02	

11 List of senior visiting faculty:

S.No	Name of Faculty	Qualification	Designation
1	Dr. Siddesh Patil	M.Sc.(EVS), Ph.D	Asst. Professor, VIT
2	Mrs.Yashoda Shetty	M.Com. M.Phil.	Asst. Professor

3	Mr. Pankaj Pandagale	M.Com, M.Phil, B.Ed, L.L.B, NET(Commerce)	Asst. Professor, Dr.TK Tope College
4	Mr. Shahid Qureshi	M.Com, NET(Commerce)	Asst. Professor, Khalsa college
5	Ms. Charanjeet Kaur	M.Com.	Asst. Professor, Khalsa College
6	Mrs. Tandra Chakraborty	PGDBM, B.Ed.	Asst. Professor
7	Mr. Sanket Sharma	M.B.A. (Finance)	Asst. Professor, VIT

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Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty:

YEAR	No of Faculty	BAF		BBI	
		Lectures	Practical	Lectures	Practical
2013-14	01	26.67%	-	13.33%	-

13

Student -Teacher Ratio (programme wise) :

Year	BAF	BBI
2013-14	26:1	27:1

14

Number of academic support staff(technical) and administrative staff; sanctioned and filled

Technical Staff	Administrative Staff
Nil	02

15

Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/PG

Ph.D./ D.Litt.	M.Phil.	P.G.
07*	04	17

*(out of which 4 are pursuing Ph. D.)

16

Number of faculty with ongoing projects from

a) National
b) International funding agencies and grants received:
One faculty

(Dr. Rohini Kelkar has acquired sanction for fund of Rs. 6.9 lakhs from UGC, to conduct a major research project on “ Environmental Dimensions in Agricultural Exports with Special reference to Indian Food Processing Industry.”)

17 Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received:

- Dr. Rohini Kelkar conducted a Minor research project funded by University of Mumbai on MEDICAL TOURISM with grant of Rs. 15000/-
- Digital content creation for FYBAF and FYBBI programme

18 Research Centre /facility recognized by the University:
No

19 Publications:

- * Publication per faculty
- * Number of papers published in peer reviewed journals (national / international) by faculty and students
- * Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)
- * Monographs
- * Chapter in Books
- * Books Edited
- * Books with ISBN/ISSN numbers with details of publishers
- * Citation Index
- * SNIP
- * SJR
- * Impact factor
- * h-index

S.No.	Name Of Faculty	No of publications	Number of papers published International	Number of publications listed in International	Monographs	Chapter in books	Books Edited	Books with SBN/ISSN Number	Citation index	SNIP	SJR	Impact Factor	H Index
1	Dr.(Mrs.) Rohini Kelkar	11	-	-	-	7	-	-	-	-	-	-	-

2	Dr.Chan drehas Deshpan de	-	-	-	-	-	-	-	-	-	-	-	-
3	Mr.Vija y Gawde	06	-	-	-	-	1	-	-	-	-	-	-
4	Mrs.Dai zy Kulkarn i	02	-	-	-	-	-	-	-	-	-	-	-
5	Ms.Chit ra More	02	-	-	-	-	-	-	-	-	-	-	-
6	Mr.Sand ip Khande kar	02	-	-	-	-	-	-	-	-	-	-	-
7	Ms.Nuta n singh	01	-	-	-	-	-	-	-	-	-	-	-
8	Mrs.Lak shmi Kavitha	06	-	-	-	3	-	3	-	-	-	-	-

* Number of Papers published in peer reviewed Journals (National/ International) by Faculty and Students:

By Faculty:

Publications	International	National
Papers Published	05	22
Papers Presented	05	24

By Student:

Publications	International	National
Paper Published	-	04
Paper Presented	-	05

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Areas of consultancy and income generated:

Mrs. Daizy Kulkarni conducts Certificate course in Graphics and 2D Animation in association with VCP. Average income generated from these courses by her is 2,00,000.

21

Faculty as members in
a) National committees
b) International Committees

c) Editorial Boards
a) Member in National committees

Sr.No.	Name	National Committee
1	Mr.Vijay Gawde	Institute of Material Management of India

b) International Committees: Nil
c) Editorial Boards

Sr.No.	Name	Editorial Board
1	Dr.(Mrs.)Rohini Kelkar	Member of College Magazine (Vihan) Member of Vijanan
2	Mr.Vijay Gawde	Member of VISMIT a research Journal Member of V-search
3	Ms. Nutan Singh	Member of College Magazine (Vihan) Member of V-search Member of News letter Member of Vijanan

22
Student projects

- Percentage of students who have done in-house projects including inter departmental/programme
- Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/other agencies

Student projects
a) Percentage of students who have done in-house projects including inter departmental/programme:

100% (TYBBI Projects)

b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/other agencies:

- Two BAF students has completed project for Blue Ribbon Club.
- A group of eight BAF students has completed project for Cost Accounting in Ketan soap industry.
- Around five students completed Summer Internship project through Placement Cell in Birla sun life company in the area of Finance & Marketing.

23
Awards/ Recognitions received by faculty and students
Achievement by Faculty

Dr. (Mrs.) Rohini Kelkar	Chairperson for 21 st International Economics Convention by Emerging Economics of the world and MMK College of Commerce and Economics.	
Mr.Vijay Gawde	Avhan NSS State Level Camp contingent Leader, Mumbai City Zone of University. Invited as a Resource Person on workshop for the subject ‘Special Studies in Finance’ (TYBMS) which was conducted by Mulund College of Commerce collaborated with Board of Studies, Mumbai.	
Achievements by Students at University level		
Name Of Student	Event	Awards /Recognitions
Suman Malandkar (SYBAF)	Acanthus a research paper competition organized by SIWS college, Wadala	First Prize
Suman Malandkar (SYBAF)	Conducted by Blue Ribbon Club	Selected to do Project
Radhika Kandalgaonkar (SYBAF)	Conducted by Blue Ribbon movement NSS- CCF	Selected to do Project
Shreya Bane (FYBBI)	Anbhuti organized by Ruia College	First prize
Muthupathi Ramakrishnan (SYBAF)	Fencing –National Level	Sixth prize

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List of eminent academicians and scientists/ visitors to the department

S.N.	Name	Designation/Institute
1	Mr. Abhay Nagale	CA and Visiting faculty in various institute
2	Dr. Sudha Deshpande	Economist, Demographer
3	G.A. Waingankar	CA and former VP of Chatna college, also Asst. professor of NMIMS University
4	Mr. Ejaz Naqvi	Supreme court Lawyer
5	Dr. Anjali Panigrahi	Statistics Consultants and Associate professor of Chatna College
6	Dr. Madhu Nair	Principal of Nirmala college & Dean of Dept. of commerce, Mumbai University
7	Dr. Seema Ukidve	Head of Dept. of Statistics, Raheja College
8	Dr. Achala Joshi	Business Women & Social Activists
9	Dr. Suma Chitnis	Farmer vice-challenger of SNTD university

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Seminars/ Conferences/Workshops organized & the source of funding

- a) **National:** 2013-14 –VISMIT(National research conference)
b) **International:**

- Teaching Excellence workshops for teachers conducted by Illinios Urbana –Champaign(USA) in collaboration with VSIT
- Dale Carnegie Programme for all students and faculty.
- VISMITE 2015(proposed research conference).

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Student profile programme/course wise:

Year	Name of course/ Programme	Application Received	Selected	Semester	Enrolled		Pass percentage (%)
					M	F	
2010-2011	BAF	69	40	I	17	23	92.50
				II	16	23	97.43
2011-2012	BAF	92	62	I	32	30	64.41
				II	32	30	81
				III	15	22	81.08
				IV	15	22	72.97
2012-2013	BAF	99	61	I	16	45	95.90
				II	16	45	85.25
				III	27	33	86.20
				IV	27	33	89.65
				V	17	18	80
				VI	17	18	88.58
2013-2014	BAF	106	60	I	26	34	83.05
				II	26	34	76.27
				III	17	45	85.48
				IV	17	45	91.80
				V	27	34	76.27
				VI	27	34	84.75

Year	Name of course/ Programme	Application Received	Selected	Semester	Enrolled		Pass percentage(%)
					M	F	
2011-12	BBI	24	24	I	9	15	33.33
				II	9	15	69.56
2012-13	BBI	11	19	I	11	9	70
				II	11	9	15
				III	8	14	59.09
				IV	8	14	57.14

2013-14	BBI	41	41	I	9	32	33.33
				II	9	32	68.42
				III	12	9	61.90
				IV	12	9	80.95
				V	7	11	40
				VI	7	11	60

27 Diversity of Students

Year	Name of the course	% of students from the same state	% of students from other states	% of students from abroad
2010-2011	BAF	100%	NIL	NIL
2011-2012	BAF	100%	NIL	NIL
	BBI	100%	NIL	NIL
2012-2013	BAF	100%	NIL	NIL
	BBI	100%	NIL	NIL
2013-2014	BAF	100%	NIL	NIL
	BBI	100%	NIL	NIL

28 How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc. ?

First batch pass out in 2012-13

29 Student progression

Student progression		
Course	BAF	BBI
Year	2013-14	2013-14
UG to PG	62.86	-
PG to M.Phil.	-	-
PG to Ph.D.	-	-
Ph.D. to Post-Doctoral	-	-
Employed :	05.71	-
Campus selection	28.57	-
Other than campus recruitment		
Entrepreneurship/Self-employment	02.86	-

*based on total numbers of eligible students

30 Details of Infrastructural facilities

a) Library

- Common Library
- Department Library
- Reading hall.
- The Library provides the right resources to help students complete their studies successfully.
- The library contains an extensive collection of Accounts, Magazines, Journals Etc.,

b) Internet facilities for Staff & Students

- Wi-Fi connection is on the campus for all faculties and students.
- Internet Facility for online submission.
- 60 Mbps Wi-Fi Facility.

c) Class rooms with ICT facility

- All class rooms are with projector and Wi-Fi facility.

d) Laboratories

- One Well-equipped Computer laboratory with LAN and internet connections with capacity of 100 computers.

31 Number of students receiving financial assistance from college, university, government or other agencies

Year	Course	No. of students
2010-2011	BAF	01
	BBI	00
2011-2012	BAF	04
	BBI	02
2012-2013	BAF	07
	BBI	03
2013-2014	BAF	05
	BBI	02

32 Details on student enrichment programmes (special lectures / workshops / seminar) with external experts.

S. N.	Workshop	External Experts
1	'Yoga' Workshop organized by Personality Enrichment committee to	Mr.Eknath Chaudhari

	focus on the health of faculties.	
2	'Chess Workshop' by VVC committee to give the idea about the strategy and tricks to master the game of chess.	Prof.Prakash Limaye
3	Summer internship with Birla Sun Life	-
4	TATA Glimpses Model	Mr. D. Doongaji
5	'Interview and Career Planning' By placement committee to guide the students about the importance of careers in booming Management sector which help to become professional expert	Mr. Rijoy Kurup
6	Seminar on 'Everything on Research' by R&D committee to encourage in the field of Research	Dr.A. M. Narsale
7	Seminar on 'Project Reference-V REFER' by Library committee to understand the concept	Mr.Vivek Singh
8	Guest Lectures for the subject Taxation	CA. Abhay Nagale
9	Seminar on 'Importance of Soft skills'	Ms.Prachi Pisat
10	Guest Lectures for the subject Cost A/c	CA. Bhanjan
11	Guest Lectures for the subject Law	Advocate Ejas Naqvi
12	"Techniques of Dabbawallas in Mumbai	Mr. Raghunath Medge
13	'Lecture on entrance exams' by Alumni committee to guide the students for preparing entrance exams.	Mr. Pranav Kelkar
14	Seminar on 'How to write research paper'	Dr. Salvi

Problem Based Learning:

The goal of these lessons is to give students grounding in the problem-solving and critical thinking skills that practitioners of a discipline require to be successful. To encourage the growth of these skills, most inquiry and problem-based lessons are centered on a problem similar to one that a practitioner of a given discipline would have to solve.

Informal Early Feedback

Student evaluations of teaching are an important part of the feedback that instructors receive. This feedback can be especially helpful when it is collected during the semester. Our students can tell us if we are clear, accessible, respectful or timely.

Digital teaching

The Digital Environments for Learning, Teaching, & Agency (DELTA) program seeks to investigate and formalize theories, principles, and practices that focus on learning and teaching in digital environments.

Team Building

Team-building is a great way to meet like-minded students, learn how to participate and develop skills as a leader.

Class room Assessment Test

(CATs) are instruments or tools for collecting data on student learning in order to improve it. This approach is

- Learner centered
- Teacher directed
- Mutually beneficial
- For formative assessment (often ungraded and/or anonymous)
- Context specific
- Ongoing approach
- Rooted in good teaching practice

Video Clips/ Screening Movies

To explain different managerial concepts like Leadership, Group Behavior, Thinking Process etc. some movies like Chak De India, Rocket Sing, Corporate have shown to the students.

Graded Questions

A graded question is a question that always has a correct answer(s) and usually has incorrect answer option(s) as well. Graded questions are used in quizzes to test knowledge retention, determine how a learner understands course material.

- 1) True/False
- 2) Multiple Choice
- 3) Multiple Alternative
- 4) Matching
- 5) Fill In The blanks

Flip Methodology

The flipped classroom model inverts, or “flips” teaching methods by switching activities traditionally done at home with those done in class. Lectures, in the form of several short videos, happen at home where students watch prerecorded lessons online. Homework is done in class where teachers and students engage in a variety of active, and collaborative learning activities.

Teaching Philosophy

It states your beliefs on how learning takes place and expresses the principles you use to guide your teaching in order to bring that learning to fruition. By identifying your personal philosophy of teaching, and continuously examining it, you grow as a teacher.

Bloom’s Taxonomy

Objectives state what we want our students to learn. The statement of an objective describes the type of cognitive process that you want the student to use to demonstrate learning the subject matter content.

Participation by faculty**1. Mr. Vijay Gawde - Co-ordinator of BAF, BBI and BMS.**

- He is a NSS programme officer
- He is a convener of Vidyalankar volunteer committee.
- He is a member of Anti-ragging committee.
- He was a convener of Student Council.

He has completed orientation program of NSS at the TATA Institute of Social Science. As the trained NSS Programme officer and Vidyanlakers' Volunteer committee convener he is conducting all community activities for last 5 years like, Environmental projects, Polio immunization drive, Malaria awareness programme, Hepatitis awareness programme etc; for the community surrounded to college and also participated in activities organized by University with the volunteers of NSS Unit of college and Vidyalankar volunteer committee, NGO and BMC . He has also organized residential special camps, for last 4 years in rural areas to make the students understand the lifestyle of and problems faced by the people staying in rural area. He has also represented the Mumbai city District in the Disaster preparedness camp AVHAN 2013, organized by Chancellors brigade and state government of Maharashtra at Swami Ramanand Tirth Marathwada University, Nanded as a Contingent Leader.

2. Ms. Nutan Singh

- She is a member of Student Council
- She was a convener of Women development Committee
- She is a member of R&D Committee.
- As a convener of WDC, she has organized some talk shows and guest lectures by eminent social activist, competitions such as essay, debate etc; on the social topics related to women empowerment and other issues related to women.

3. Mrs. Lakshmi Kavitha

- She was a member of Alumni Committee.
- She is a member of Library Committee.
- She has attended NSS Camp as well as few NSS activities actively.

4. Mrs. Daizy Kulkarni

- She is a Convener of Parent Interaction committee
- She was a Convener of Staff Development Committee last year

5. Ms. Chitra More

- She is a Convener of Staff Welfare committee
- She is a member of Student Council Committee
- She is a member of Alumni Committee

6. Mr. Sandip Kandekar

- He is a member of Admission committee
- He is a Member of Alumni committee
- He is a Convener of Anti-ragging committee

Participation of students

- Number of Commerce Department Students registered themselves as Volunteer in NSS, VVC& WDC etc .
- They conduct various activities related to environment, Health & Education, University activities as under.
- Environment related activities are Paper Bag Activity, Best out of Waste, etc.
- Health & Education related activities are Blood donation drive, Polio Immunization Drives, Awareness campaign on Malaria, AIDS , Hepatitis - B Health camps, visit to Health care unit and naturopathy clinic, helping special children as a writer, school kits distribution with the help of NGO, BMC etc.,
- University activity such as Leadership Training Camp, Tree Plantation, Anti Liquor tobacco drug rally, Peace rally, Bhajan sandhya, World Environment Day celebration etc.
- Also volunteers participates in various intercollegiate competitions such as Poster making, wall painting, street play, story writing, debate, photography etc on social issues.
- NSS volunteers of B.Com (A&F) are also selected for BLUE RIBBON MOVEMENT NSS-CCF.

35
SWOC analysis of the department and Future plans

STRENGTH	WEAKNESS
<ul style="list-style-type: none"> • Well qualified young and energetic Faculty members with NET/SET qualification. • Teacher as well as Students participating in the research work. • Good results. • Highly experienced faculties. • Good number of Students participations in co-curricular and extra co-curricular activities. 	<ul style="list-style-type: none"> • Due to prescribed syllabus provided by university, lack of nexus with industry. • As very young department rate of placement is very low
OPPORTUNITY	CHALLENGES

<ul style="list-style-type: none"> • Possibility to have additional course/division. • There is still more scope to improve the research work by Faculty and students. • More add on course. • Possibility to get 100% 'O' Grades in TYBBI Projects. • Opportunity to get 100% result. 	<ul style="list-style-type: none"> • Teaching the vernacular medium students along with English medium students by bring them to the same level of understanding. • Teaching accounting and finance subjects to commerce and Non-commerce background student together.
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Future Plans:

- 1) Development of Research Institute
- 2) Entering into collaboration with industries and research institutes to start short term research projects.
- 3) Steps to improve the placement rate and internship assignments for students with the help of TPO.
- 4) Invite eminent personalities and industry experts for guest lectures
- 5) Consultancy service for students interested in carrying out short term research projects from other college and universities.
- 6) Conducting workshop in collaboration with industry or training institutes to provide better skills to students.

ii

**Department of
Information Technology**

DEPARTMENTAL INPUTS

Department of Information Technology

1 Name of the department:

Department of Information Technology

2 Year of Establishment:

2002

3 Names of Programme / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.):

- Under Graduate : B.Sc. (Information Technology)
- Post Graduate : M.Sc. (Information Technology)

4 Names of Interdisciplinary courses and the departments/units involved:

Nil

5 Annual/ semester/choice based credit system (programme wise):

All Courses are under Credit Based Semester Grading System

6 Participation of the department in the courses offered by other departments:

The faculty of IT department engages lectures in Commerce department and Management department for IT subjects like Introduction to Computer Application, Computer Application & Business Management, e-Commerce. Also participates in the conferences/seminars/workshops organized by other departments.

7 Courses in collaboration with other universities, industries, foreign institutions, etc.

- B.S.(IST) from Penn State University(PSU), USA
- B.S.(CS) from Fresno State University(FSU),USA
- B.Sc. Hons(Software Development) from Sheffield Hallam University (SHU), UK
- B.Sc./M. Eng.(Software Engineering) from Aston University, UK
- TOGAF Certification (The Open Group Architectural Framework Certification)
- SAP course conducted by EBTS(Enterprise Building Training Solution)
- Android certificate course conducted by Absolute Information System

(Software Career Trainings & Consulting)

- VSIT in association with VCP, Mumbai conducted CMAT course for IT students.

8	Details of courses/programmes discontinued (if any) with reasons:
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Nil

9	Number of teaching posts
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	Sanctioned*	Filled
Professors	NA	NA
Associate Professors	NA	NA
Asst. Professors	34	34

*Un-aided Section with all self-financed courses

10	Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)
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S. No.	Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
1	Ujwala Sav	M.Sc.(CS), M. Phil.	Asst. Prof.	IT	13	-
2	Pushpa Mahapatro	M.C.A, M.Phil.	Asst. Prof	IT	10	-
3	Pallavi Tawde	M.C.A.	Asst. Prof	IT	07	-
4	Umesh Koyande	M.Sc. (Physics)	Asst. Prof.	Electronics	09	-
5	Asif Rampurawala	M.Sc.(CS)	Asst. Prof.	IT	09	-
6	Shraddha Parab	M.C.A.	Asst. Prof.	IT	08	-
7	Shajil Kumar P.A.	M.Sc.(CS)	Asst. Prof.	IT	08	-
8	Sanjeela Sagar	M.C.A.	Asst. Prof.	IT	14	-

9	Janhavi Vadke	M.C.A.	Asst. Prof.	IT	12	-
10	Prachi Mahajan	M.C.A.	Asst. Prof.	IT	09	-
11	Leena Jadhav	M.C.A.	Asst. Prof.	IT	07	-
12	Kiran Datar	M.Sc. (Physics)	Asst. Prof.	Electronics	05	-
13	Ashwini Walunj	M.Sc.(IT)	Asst. Prof.	IT	05	-
14	Geeta Sahu	M.C.A.	Asst. Prof.	IT	04	-
15	Hrishikesh Tendulkar	M.C.A.	Asst. Prof.	IT	06	-
16	Seema Vishwakarma	M.Sc.(CS)	Asst. Prof.	IT	02	-
17	Akshatha Ariga	M.C.A.	Asst. Prof.	IT	02	-
18	Sherilyn Kuttikadan	M.Sc.(IT)	Asst. Prof.	IT	03	-
19	Jaymala Deshpande	M.Sc.(IT)	Asst. Prof.	IT	04	-
20	Mrunal Patgaonkar	M. Phil, M. Sc. (Maths)	Asst. Prof.	Mathematics	09	-
21	Madhavi Amondkar	M.C.A.	Asst. Prof.	IT	1.5	-
22	Laxmikant Manchekar	M.Sc. (Physics)	Asst. Prof.	Electronics	04	-
23	Amraja Shivkar	M.Sc. (Physics)	Asst. Prof.	Electronics	05	-
24	Smita Gupta	M.Sc.(IT)	Asst. Prof.	IT	02	-
25	Sukhchain Kaur	M.Sc.(IT)	Asst. Prof.	IT	5.5	-
26	Mithila Satam	M.Sc.(IT)	Asst. Prof.	IT	02	-
27	Neha Jog	M.Sc.(IT)	Asst. Prof.	IT	06	-
28	Mithil Gharat	M.E.(IT)	Asst. Prof.	IT	02	-
29	Binesh Nair	M.Sc.(IT)	Asst. Prof.	IT	03	-
30	Priyesh Keekan	M.A. (English)	Asst. Prof.	English	06	-
31	Sumedh Kadam	M.Tech.	Asst. Prof.	Electronics	01	-

32	Aasha Vanve	B.E. (Computer)	Lecturer	IT	1.5	-
33	Rohini Gaikwad	B.E. (Computer)	Lecturer	IT	1.5	-
34	Zil Shah	B.E.(I.T.)	Lecturer	IT	01	-

11 List of senior visiting faculty:

Name	Qualification
John Windward	M.A.(Oxford,U.K.)
Makarand Deshpande	M.Tech.(IIT, Bombay)
Suresh Patil	M.Sc.(Mumbai University)
Shubh Laxmi	M.Sc.(Mumbai University)
Anusha Ramanathan	M.A.(Mumbai University)

12 Percentage of lectures delivered and practical classes handled(programme wise) by temporary faculty:

Lectures: 15% Practicals: 15%

13 Student -Teacher Ratio (programme wise) :

26 students: 1 Teacher (B.Sc.IT)
22 students: 1 Teacher (M.Sc.IT)

14 Number of academic support staff(technical) and administrative staff; sanctioned and filled

Technical Staff		Administrative Staff	
Sanctioned	Filled	Sanctioned	Filled
10	11	02	02

15 Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/PG

P.hD./D.Litt.	M.Phil.	P.G.
2*	3	31

*pursuing

16

Number of faculty with ongoing projects from
a) National
b) International funding agencies and grants received:

One faculty

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Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received:

- Grade sheet preparation software for Institution funded by VCP, Mumbai
- Online Examination Project
- Digital content creation for F.Y.B.Sc.IT by Repro India Ltd, Lower Parel, Mumbai

18

Research Centre /facility recognized by the University:

No

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Publications:
* Publication per faculty
* Number of papers published in peer reviewed journals (national / international) by faculty and students
* Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)
* Monographs
* Chapter in Books
* Books Edited
* Books with ISBN/ISSN numbers with details of publishers
* Citation Index
* SNIP
* SJR
* Impact factor
* h-index

S.No.	Name Of Faculty	No of publications	Number of papers published in peer reviewed journals	Number of publications listed in International	Monographs	Chapter in books	Books Edited	Books with SBN/ISSN Number	Citation index	SNIP	ScIP	Impact Factor	H Index
1	Ujwala Sav	06	06	-	-	-	-	-	-	-	-	-	-
2	Pushpa Mahapatro	01	01	-	-	-	-	-	-	-	-	-	-
3	Pallavi Tawde	02	01	-	-	-	-	01	-	-	-	-	-
4	Seema V.	01	01	-	-	-	-	-	-	-	-	-	-
5	Prachi Mahajan	01	01	-	-	-	-	-	-	-	-	-	-
6	Binesh Nair	03	03	-	-	-	-	-	-	-	-	-	-
7	Mithil Gharat	02	02	-	-	-	-	-	-	-	-	-	-
8	Neha Jog	01	01	-	-	-	-	-	-	-	-	-	-
9	Sanjeela Sagar	13	-	-	-	-	-	06	-	-	-	-	-
10	Kiran Datar	01	-	-	-	-	-	01	-	-	-	-	-
11	Umesh Koyande	02	-	-	-	-	-	02	-	-	-	-	-
12	Geeta Sahu	01	-	-	-	-	-	01	-	-	-	-	-
13	Leena Jadhav	01	-	-	-	-	-	01	-	-	-	-	-

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Areas of consultancy and income generated:

Courses conducted for students on Android, SAP, Java Programming, Ethical Hacking and income generated is more than Rs.1,50,000 /-

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Faculty as members in
a) National committees
b) International Committees
c) Editorial Boards

a) Member in National committees

Sr.No.	Name	National Committee
1	Ujwala Sav	Computer Society of India
2	Asif Rampurawala	Computer Society of India
3	Kiran Datar	Computer Society of India

b) International Committees: Nil

c) Editorial Boards

Sr.No.	Name	National Committee
1	Ujwala Sav	VISMIT (Conference Proceeding)
2	Ujwala Sav	Vector (Newspaper)
3	Asif Rampurawala	VISMIT (Conference Proceeding)
4	Prachi Mahajan	Vijanan (Technical Magazine)
5	Amraja Shivkar	Newsletter (e-Newsletter)
6	Smita Gupta	Vihaan (College Magazine)
7	Sukhchain Kaur	Vihaan (College Magazine)
8	Janhavi Vadake	V-Tech (Departmental Magazine)
9	Kiran Datar	V-Tech (Departmental Magazine)

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Student projects

- Percentage of students who have done in-house projects including inter departmental/programme
- Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/other agencies

Student projects

- Percentage of students who have done in-house projects including inter departmental /programme:** 88%
- Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/other agencies:** 12%

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Awards/ Recognitions received by faculty and students

Achievement by Department		
Nurture Talent Hunt and CSI New Delhi awarded One year CSI free membership for Maximum registration of Mobipreneur workshop		
Achievement by Faculty		
Binesh Nair	Best Faculty Mentor By Nurture talent and CSI	
Ujwala Sav	CSI – Best Student Branch Counselor	
Name of student	Event	Awards/ Recognitions
Achievements by Students at International level		
Periyaswamy Sivan	Fencing	57 th rank
Achievements by Students at National Level		
Tejal Bedade	Swimming	Fourth
Periyaswamy Sivan	Fencing	Top 8 and Gold
Achievements by Students at State Level		
Karthik Alagasamy	Fencing	Second
Yajnesh Talwar	Fencing	Seventh
Nilay sawant	Mallakhamb	Eighth
Periyaswamy Sivan	Fencing	Gold, Silver
Achievements by Students at District Level		

Sharukh Khan	Science Exhibition	First
Prachi Pisat	Shravan Queen-Beauty Contest	First
Achievements by Students at University level		
Sports		
Periyaswamy Sivan	Fencing	First
Prajakta Pongade	Fencing	Eighth
Nilay Sawant	Mallakhamb	Eighth
Tejal Bedade	Swimming	Fourth
Sagar Mhatre	Running	Third
Saumitra Oak	Badminton	Gold Medal
Siddhart Chheda	Debate	First
Academic		
Ashwin Goyal	GARP Scholarship for the Financial Risk Manager(FRM) Examination 2011	GARP Scholarship
Anagha Kotre	T.Y. B.Sc. IT Exam.	Third Rank
Gayanka Sawardekar	Summer Camp	Project approved At the University
Achievement by Student at College level		
Navin Reddy	WAP (RJ), Presentation (Siddharth), Debugging (Sathaye), Presentation (Ratanam, SIWS), Antakashari (Vikas), quiz (Guru Nanak), Graphics in C (G.N.Khalsa)	First Prize
	Presentation (RJ), SQL (Siddharth), Ad-Making (Sathaye), Debate (Mumbai College), Java Programming (Ratnam), Predict the output (SIWS), Debugging (Guru Nanak)	Second Prize
	Computer quiz (Ratnam)	Third Prize

S.N.	Name	Designation/Institute
1	Dr. M. M. Sharma	Ex. Director - UDCT, FRS
2	Dr. Raghunath Mashelkar	Former Director General, CSIR
3	Dr. Deepak Pathak	Prof. of Computer Science, IIT Mumbai
4	Dr. Richard Hill	Sheffield Hallam University, UK
5	Prof. Chris Bates	Sheffield Hallam University, UK
6	Dr. S. S. Mantha	Chairperson, AICTE

7	Dr. Dilip Chajeed	Professor Business Administration University of Illinios Urbana Champaign
8	Ms. Cheelan Bo-Linn	Senior Specialist in Education, Center for Teaching Excellence
9	Dr. Rajiv Gandhi	Associate Professor, Department of Computer Science, Rutgers University - Camden
10	Dr. Sureshchandra Gupta	Secretary- CSI, Mumbai, Adjunct Professor, Mumbai University.
11	Mr. Makrand Deshpande	CEO - Citriotech, Mumbai
12	Dr. Kavita Rege	Principal, Sathaye College, Mumbai
13	Mr. Ravi Raman	Principal Strategic Advisor, iCreate, India
14	Mr. Ravi Eppaturi	Associate Vice President, Mphasis an HP Company
15	Mr. Abraham Koshi	Head, CSI Mumbai Chapter, Mumbai

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Seminars/ Conferences/Workshops organized & the source of funding

a) National

- Linux Administration Workshop (Board of Studies, University of Mumbai)
- National Research Conference(VISMIT 2014) partly funded by Industry Partnership
- NET/SLET, Ethical Hacking, Research Workshop, Robotics

b) International

- Teaching Excellence Workshop conducted by University of Illinois at Urbana –Champaign(USA) in collaboration with VSIT
- Dale Carnegie Training Programme for all students and faculties

26 Student profile programme/course wise:

Year	Name of course/ Programme	Application Received	Selected	Enrolled		Pass Percentage	
				M	F	Odd Sem	Even Sem
2010 - 2011	FY B.Sc. IT	1000	419	206	88	49	62
	SY B.Sc. IT	-	-	-	-	91	95
	TY B.Sc. IT	-	-	-	--	66	49
2011 - 2012	M.Sc.IT Part I	35	21	13	08	53	
	M.Sc. IT Part II		11	09	02	44	
	FY B.Sc. IT	987	372	195	88	83	81
2011 - 2012	SY B.Sc. IT	-	-	-	-	83	92
	TY B.Sc. IT	-	-	--	-	73	79
	M.Sc.IT Part I	32	20	17	03	56	
2012 - 2013	M.Sc. IT Part II		11	09	02	67	
	FY B.Sc. IT	932	412	189	66	75	74
	SY B.Sc. IT	-	-	-	-	86	87
2012 - 2013	TY B.Sc. IT	-	-	-	-	58	51
	M.Sc.IT Part I	35	22	08	14	91	77
	M.Sc. IT Part II		16	14	02	77	
2013 - 2014	FY B.Sc. IT	964	354	198	95	83	78
	SY B.Sc. IT	-	-	-	-	53	67
	TY B.Sc. IT	-	-	-	-	49	65
2013 - 2014	M.Sc.IT Part I	28	22	09	13	100	Awaited
	M.Sc. IT Part II		22	08	14	86	Awaited

27 Diversity of Students

Year	Name of the course	% of students from the same state	% of students from other states	% of students from abroad
2010-2011	B. Sc. IT	99.75%	02 (0.24%)	NIL
	M/Sc.IT	100%	NIL	NIL
2011-2012	B. Sc. IT	98.94%	09 (1.05%)	NIL
	M/Sc.IT	100%	NIL	NIL
2012-2013	B. Sc. IT	99.37%	07 (0.87%)	NIL
	M/Sc.IT	100%	NIL	NIL
2013-2014	B. Sc. IT	99.06%	08 (0.996%)	NIL
	M/Sc.IT	100%	NIL	NIL

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How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc. ?

Sunil Balkrishna Mane has cleared defense service examination (Military Class-I Officer - Army), UPSC.
Further information is not available.

29 Student progression

Student progression	Against % enrolled			
UG to PG	Approximate 45%			
PG to M.Phil.	-			
PG to Ph.D.	-			
Ph.D. to Post-Doctoral	-			
Employed	2011	2012	2013	2014
• Campus selection	60%	63%	70%	73%*
• Other than campus recruitment	02%	03%	05%	05%
Entrepreneurship/Self-employment	01%	02%	01%	03%

*based on total numbers of eligible students

30 Details of Infrastructural facilities

a) Library

- Common Library: Total number of books 3895, Total number of e-resources 585
- Reading hall
- The Library provides the right resources to help students complete their studies successfully.
- The library contains an extensive collection of technical books

b) Internet facilities for Staff & Students

- Wi-Fi connection is on the campus for all faculties and students.
- Intranet Facility for online submission (VSIT Live.)
- 60 Mbps Wi-Fi Facility.

c) Class rooms with ICT facility

- All class rooms are with projector and Wi-Fi facility.

d) Laboratories

- Well-equipped Computer laboratories with 240 computer machines and software spread in 7 different laboratories
- Electronics laboratories with Oscilloscopes, Microprocessor Kits, Power supply, function generators.

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Number of students receiving financial assistance from college, university, government or other agencies

Reserved Category						
Year	Course	SC	OBC	SBC	VJNT	Total
2010-2011	B.Sc.IT	25	52	13	09	99
	M.Sc.IT	01	-	-	-	01
2011-2012	B.Sc.IT	28	13	14	07	62
2012-2013	B.Sc.IT	35	29	14	07	85
	M.Sc.IT	-	02	-	-	02
2013-2014	B.Sc.IT	30	37	26	06	99
	M.Sc.IT	01	03	-	01	05

Year	Course	Category	Total
2010-2011	B.Sc.IT	Minority	Nil
2011-2012	B.Sc.IT	Minority	06
2010-2011	B.Sc.IT	Minority	Nil
2013-2014	B.Sc.IT	Minority	10
2010-2014	M.Sc.IT	Minority	Nil

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Details on student enrichment programmes (special lectures / workshops / seminar) with external experts.

S. N.	Workshop	External Experts
1.	Mobi-preneur Workshop organized by Nurture Talent Entrepreneurship Academy and CSI New Delhi	Mr. Animesh Chaturvedi
2	Graphics and Animation Workshop By Career Counseling Committee to make the students competitive enough to face the hi-tech corporate world of present generation.	Ms. Daizy Kulkarni
3	'Yoga' Workshop organized by Personality Enrichment committee to focus on the health of faculty members.	Mr. Eknath Chaudhari
4	'Chess Workshop' by VVC committee to give the idea about the strategy and tricks to master the game of chess.	Prof. Prakash Limaye
5	Summer internship with ING Vysya Bank	Mr. Rohit-Line Manager
6	Project Guidance workshop for TY B. Sc. IT students	Ms. Pallavi Vaidya
7	Android Workshop	Mr. Anil Ailani
8	Two Days Workshop on Research in IT & Management titled as Expediting Research in	Dr. Neeraj Hatekar Dr. Sanjeevani

	Information Technology and Management for Effective Decision Making	Deshpande
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S.N	Seminar	External Experts
1	'Interview and Career Planning' By placement committee to guide the students about the importance of careers in booming IT sector which help to become software professional	Mr. Rijoy Kurup
2	Seminar on 'Everything on Research' by R&D committee to encourage in the field of Research	Dr. A. M Narsale
3	Technical Seminar on 'Networking Technologies'	Mr. Jaydeep and Mr. Rahul
4	Seminar on 'Project Reference-V REFER' by Library committee to understand the concept	Mr. Vivek Singh
5	Seminar on 'Importance of communication Skills' by Careers Counseling committee	Mr. Aditya Sawant
6	Seminar on 'Data Communications and Networking'	Mr. Sufiyan Shaikh
7	Seminar on 'Certification Courses in Networking'	Mr. Sufyian Shaikh
8	Seminar on 'Importance of Soft skills'	Ms. Prachi Pisat
9	Seminar on 'Certification courses in Java'	Mr. Fahad Shaikh
10	Seminar on 'Tips and Tricks to clear NET examination'	Mr. Vinayak Kharpude
11	Seminar on Network Security to give the information about the importance of network and network security	Mr. Ashwin Goyal
12	Seminar on Business Communication Skills to make the student understand the concept of Communication Skill in Business	Mrs. Mrunali Kadam
13	Seminar on Data Analysis	Dr. Seema Ukidave's
14	Seminar on 'Think Win-Win' to help the Faculty members in developing negotiation skills & create a Win-Win' situation for both parties	Prof. Milind Khair
15	Seminar on Java Projects to help students with Java projects and develop quality project	Mr. Tejas Bhandari-
S.N	Special Lectures	External Experts
1	'Patni Computer Systems' organized by Alumni Committee to focus in the area of placements and to make the students vigilant about the current scenario of the IT industry	Miss. Priyanka Kumar Miss. Shalaka Patil
2	'Lecture on entrance exams' by alumni committee to guide the students for preparing entrance exams.	Mr. Pranav Kelkar
3	Parent Teachers meet on Tie up with Hult	Ms. Shweta Apate
4	Video Screening of Dr. Raghunath Mashelkar's Lecture	Dr. Rohini Kelkar

- **Problem Based Learning:** Problem-based learning, the educational focus is on the process of solving or exploring a problem, rather than on the result.
- **Informal Early Feedback:** This feedback can be especially helpful when it is collected during the semester. Our students can tell us if we are clear, accessible, respectful or timely.
- **Digital teaching:** Environments range from technology-enhanced classrooms to mobile devices to immersive virtual worlds.
- **Team Building:** Team-building is a great way to meet like-minded students, learn how to participate and develop skills as a leader.
- **Class room Assessment Test:** (CATs) are instruments or tools for collecting data on student learning in order to improve it.
- **Graded Questions:** A graded question is a question that always has a correct answer(s) and usually has incorrect answer option(s) as well. Graded questions are used in quizzes to test knowledge retention, determine how a learner understands course material.
- **Flip Methodology:** The flipped classroom model inverts, or “flips” teaching methods by switching activities traditionally done at home with those in class.
- **Teaching Philosophy:** Developing a teaching philosophy is a reflective process. By identifying your personal philosophy of teaching, and continuously examining it, you grow as a teacher, and become cognizant of how your teaching impacts your students.
- **Bloom’s Taxonomy:** Objectives state what we want our students to learn. The statement of an objective describes the type of cognitive process that you want the student to use to demonstrate learning the subject matter content.

Students and faculty of IT department are participated in following Institutional Social Responsibility (ISR) and Extension activities:

S.N.	Activity Name
1	Polio Drive 3: To create awareness about the effects of polio among the poor and backward members of Society.
2	Health Camp at Padmashali Telugu Sangh, Antop Hill, Church, Mumbai
3	Peace Rally at Hutatma Chowk.
4	Bus stop drive to reduce the problems caused by indiscipline at the bus stop outside the campus
5	School Kit Distribution Activity for under privileged children living in the villages of Mangaon.
6	Photography workshop to motivate the students about the professional Photography
7	Chess workshop to give the idea about the strategy and tricks to master

	the game of the chess
8	Celebration of Hindi Diwas to promote the Hindi Language on college level
9	Tree Plantation in college to encourage the 'Go Green' drive in college campus
10	Survey for Education & Cleanliness to increase awareness among community members and involve them in social work so that they can work hand-in-glove with students.
11	Celebration of 'International Youth Day'
12	'Say no to plastic bags (Paper Bags Preparation & Distribution)'

35 SWOC analysis of the department and Future plans

STRENGTH	WEAKNESS
<ol style="list-style-type: none"> Full time staff: Very cooperative and dedicated staff which help the students to achieve excellent results. Well Equipped Labs: We have well equipped laboratories with advance hardware and software. Placement: Many students from our department are placed in esteemed companies through our placement cell. Working Environment: Strong Departmental support for faculty members to pursue research activities. Strong Admin Support. Cohesive department with stability. Plenty of ICT Infrastructures. Collaboration with foreign Universities. 	<ol style="list-style-type: none"> No Ph.D program. Not many strong publications. No international level .conferences and workshops. Need active associate professional ranked faculty to support the department . Lack of NET/SLET qualified staff.
OPPORTUNITY	CHALLENGES
<ol style="list-style-type: none"> Possibility to have additional course/division. Scope for research for the faculty members and students. Addition of add on courses. Opportunity to improve the students' performance. Make department more research oriented. 	<ol style="list-style-type: none"> Students from Vernacular medium. Balancing teaching quality with research.

6. Explore joint project/programs with other department /universities/industries 7. Maintaining & utilizing better contact to our alumni. 8. Opportunities to find research grants from industry and government agencies.	
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Future Plans:

- 1) Development of Research Institute.
- 2) Upgrading laboratory to facilitate Research Activities.
- 3) Plans to collaborate with industries & Research Institute to start short term research projects.
- 4) International industrial visits to various companies.
- 5) Organize Guest lectures of eminent scientists and Industry experts.
- 6) Consultancy service for students interested in carrying out short term research projects from other college and universities.
- 7) Conducting technical workshop in collaboration with industry or training institutes to provide better technical skills for students.

iii

**Department of
Management**

DEPARTMENTAL INPUTS

Department of Management

1 Name of the department:

Department of Management

2 Year of Establishment:

2007-08

3 Names of Programme / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.):

Under Graduate:

- BMS - Bachelor in Management Studies

Post Graduate:

- MMM : Masters in Marketing Management
- MFM : Masters in Financial Management
- MHRDM: Masters in Human Resource Development

4 Names of Interdisciplinary courses and the departments/units involved:

Nil

5 Annual/ semester/choice based credit system (programme wise):

All Courses are Credit Based Semester Grading System (CBSGS)

6 Participation of the department in the courses offered by other departments:

Some of the Management faculty members conducts lectures for Information Technology and Commerce department

Department	Course	Subject
Commerce	B.A.F. B.B.I. B.F.M.	Micro/Macro Economics
		Business Law
		Quantitative Methods
		Principles of Management & Applications
Information Technology	B.Sc.(IT)	Professional Communication Skills
		Economics
		Applied Mathematics
		LDMC

7	Courses in collaboration with other universities, industries foreign institutions, etc.
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Collaboration with Foreign University:

1. Bachelor in Business Administration (BBA): University of Toledo (2+2)
2. Business Administration BS (BA) –Fresno State University (2+2)

Others:

5. VCP in association with VSIT conducted CMAT special training course for management students for scoring high percentage in PG entrance exam.
6. SAP course organized by EBTS (Enterprise Building Training Solution) for additional knowledge.

8	Details of courses/programmes discontinued (if any) with reasons:
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Nil

9	Number of teaching posts
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	Sanctioned*	Filled
Professors	-	-
Associate Professors	-	-
Asst. Professors	08	10

*Un-aided Section with all self-financed courses

10	Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)
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Sr. No.	Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
1	Radhika Marathe	MA (Economics), MBA (Marketing)	Asst. Prof	Economics	07	-
2	Abhijit Rane	MBA (International Business) * Pursuing Ph.D.	Asst. Prof	Economics	07	-

3	Sumbul Samreen	MA (Economics), MBA (Agricultural Business)	Asst. Prof	Economics	07	-
4	Pallavi Desai	MBA(Marketing) MCom (Mgmt)	Asst. Prof	Marketing	03	-
5	Alka Dhingra	MBA (Finance), Tally ERP 9, AMFI Module	Asst. Prof	Finance	5(Industry) + 02 (Education)	-
6	Santosh Gupta	MBA (Finance)	Asst. Prof	Finance	02	-
7	Amit Kabra	MBA (Finance)	Asst. Prof	Finance	02	-
8	Zoya Kazi	MBA(Oper ation Research)	Asst. Prof	Quantitative Methods	02	-
9	Vinayak Karande	MMS (Marketing)	Asst. Prof	Marketing	02	-
10	Dr. Siddhesh Patil	M. Sc. (Environmental Science) M. Ed. (Education) Ph. D. (Science)	Asst. Prof	Ecotourism Environmental Awareness	06	-

11 List of senior visiting faculty:

S.No	Name of Faculty	Qualification
1	Yashoda Shetty	M.Phil, M.Com
2	Charanjeet Kaur	M.Com
3	Tandra Chakraborty	M.Com
4	Dr. Subhash Desai	PhD
5	Prof. Suresh Patil	M.Sc. (Statistics)

12 Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty:

Nil

13 Teacher - Student Ratio (programme wise) :

Year	BMS
2013-14	1:34

14 Number of academic support staff(technical) and administrative staff; sanctioned and filled

Technical Staff	Administrative Staff
Nil	02

15 Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/PG

Ph.D./D.Litt.	M.Phil.	P.G.
2+01*	-	10

*pursuing Ph. D.

16 Number of faculty with ongoing projects from
a) National
b) International funding agencies and grants received:

Nil

17 Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received:

Nil

18 Research Centre /facility recognized by the University:

No

19 Publications:
* Publication per faculty
* Number of papers published in peer reviewed journals (national / international) by faculty and students
* Number of publications listed in International Database (For

	<p>Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)</p> <ul style="list-style-type: none"> * Monographs * Chapter in Books * Books Edited * Books with ISBN/ISSN numbers with details of publishers * Citation Index * SNIP * SJR * Impact factor * h-index
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S.No.	Name Of Faculty	No of publications	Number of papers published International	Number of publications listed in International	Monographs	Chapter in books	Books Edited	Books with SBN/ISSN Number	Citation index	SNIP	SJR	Impact Factor	H Index
1	Radhika Marathe	02	-	01	-	2	-	-	-	-	-	-	-
2	Abhijit Rane	04	-	04	-	-	-	978-81-7446-906-9	-	-	-	-	-
3	Sumbul Samreen	05	-	05	-	-	1	-	-	-	-	-	-
4	Pallavi Desai	02	-	-	-	-	-	-	-	-	-	-	-
5	Alka Dhingra	01	-	-	-	-	-	-	-	-	-	-	-
6	Santosh Gupta	02	-	-	-	-	-	-	-	-	-	-	-
7	Amit Kabra	01	-	-	-	-	-	-	-	-	-	-	-
8	Zoya Kazi	01	-	-	-	-	-	-	-	-	-	-	-
9	Dr. Siddhesh Patil	05	-	05	-	-	-	-	-	-	-	-	-

* Number of Papers published in peer reviewed Journals (National/ International) by Faculty and Students:

By Faculty:

Publications	International	National
Papers Published	02	07
Papers Presented	-	16

By Student:

Publications	International	National
Paper Published	-	-
Paper Presented	-	12

20 Areas of consultancy and income generated:

Certification Course for 6 months: “Entrepreneurial Manager (TEM)”
(in progress)

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Faculty as members in
d) National committees
e) International Committees
f) Editorial Boards

- a) **Member in National committees:** Nil
b) **International Committees:** Nil
c) **Editorial Boards**

Sr.No.	Name	National Committee
1	Sumbul Samreen	Vijanan, VISMIT
2	Amit Kabra	Vector
3	Radhika Marathe	Department Magazine

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Student projects
a) Percentage of students who have done in-house projects including inter departmental/programme
b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/other agencies

Student projects

- b) **Percentage of students who have done in-house projects including inter departmental/programme:**
100%

- b) **Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/other agencies:**

The students have placed in different companies for Summer and Winter Internship through Placement Cell :

Year	Company Name	Area to Work	No. of students
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2012-13	Birla Sun Life	Finance and Marketing	21
2013-14	Birla Sun Life	Finance and Marketing	22
	Jaro Education	Marketing	02

23 Awards/ Recognitions received by faculty and students

- Dr. Siddhesh Patil : Judge for the Event Technodox 2014
(Tantravihar – Technical Paper Presentation

Judge for - Ecofriendly Projects (Tantravihar)

Achievements by Students at University level		
Name Of Student	Event	Awards/Recognitions
Academic		
Sadhan A, Hussain Q	Intercollegiate Research Paper Presentation (Tolani College, Andheri)	First Rank
Archana P, Suman M, Kausthubh B	Intercollegiate Research Paper Presentation (SIWS College, Wadala)	First Rank
Alimedi M, Tushar T, Vishakha P	1 st Student Indian Parliament (Bhartiya Chatra Sansad), MIT Pune	Participants
Sports		
Pooja R	Archery	Third Rank
Paritosh Prabhu	Squash	-
Jay Sabhrani	Photography	Third Rank
Achievements by Students at State Level		
Muthumada Swamy A	Tug of War	First

24 List of eminent academicians and scientists/ visitors to the department

S.N.	Guest Name	Title	Designation
1	Mr. Gagan S	Prepare oneself to face the Industry	H Dipak & Co. Diamond Mfg-HR Manager
2	Girish Karandikar	ISO Certification	M/s G. K. ENTERPRISE - Owner
3	Balakrishnan Balram	Experiential Marketing / Brand Activation Marketing	NDTV -West- Head (NDTV Events)

4	Naveen Chandra	Marketing Challenges in Digital Age	Times of India – Country Manager
5	Nagesh Pai	Getting started with Online Marketing	Consultant – Group Corporate Affairs
6	Vinath Hegde	CRM	Eureka Forbes – CRM Head
7	Dr. Roopa Rege -Nitsure	Budget Analysis 2014	Chief Economists – Bank Of Baroda

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Seminars/ Conferences/Workshops organized & the source of funding

a) **National:**

- National Research Conference (VISMITE 2014)

b) **International:**

- International Research Conference VISMITE 2015(in progress)
- University of Illinois Urbana –Champaign (USA) conducts workshop for “Teaching Excellency”
- Dale Carnegie conducts 3 days workshops for overall personality development

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Student profile programme/course wise:

Y e a r	Department	Applicatio n Received	Sele cted	Enrollm ent		SE M	Pass percent age(%)
				M	F		
2010- 2011	BMS	243	175	139	36	I	53.71
		-	168	134	34	II	32.73
		-	114	89	25	III	71.05
		-	110	82	28	IV	79.27
		-	95	57	38	V	93
		-	95	56	39	VI	81.05
2011- 2012	BMS	252	167	110	57	I	64.67
		-	159	109	50	II	47.79
		-	135	97	38	III	71.85
		-	142	114	28	IV	84.92
		-	105	77	28	V	65.71
		-	105	74	31	VI	75.23
2012- 2013	BMS	285	149	89	60	I	44.30
		-	145	87	58	II	62.07
		-	145	90	55	III	87.25
		-	139	86	53	IV	75.54

		-	139	107	32	V	54.68
		-	141	110	31	VI	73.76
2013-2014	BMS	313	136	96	40	I	28.68
		-	133	93	40	II	33.08
		-	145	87	58	III	55.86
		-	143	84	59	IV	67.83
		-	137	80	57	V	44.53
		-	137	87	50	VI	79.56

27 Diversity of Students

Year	Name of the course	% of students from the same state	% of students from other states	% of students from abroad
2010-2011	BMS	99%	01%	0 %
2011-2012	BMS	99%	01%	0 %
2012-2013	BMS	98%	02%	0 %
2013-2014	BMS	99%	01%	0 %

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How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc. ?

Nil

29 Student progression

Student progression	Against % enrolled			
Course	BMS			
Year	2011	2012	2013	2014
UG to PG	60	67	78	63
PG to M.Phil.	-	-	-	-
PG to Ph.D.	-	-	-	-
Ph.D. to Post-Doctoral	-	-	-	-
Employed				
• Campus selection	15	15	15	20
• Other than campus recruitment	20	23	31	35
Entrepreneurship/Self-	03	02	02	03

Student progression	Against % enrolled			
employment				

*based on total numbers of eligible students

30 Details of Infrastructural facilities

a) Library

- Common Library
- Department Library
- Reading hall.
- The Library provides the right resources to help students complete their studies successfully.
- The library contains an extensive collection of Management Books/Journals/Magazines .

b) Internet facilities for Staff & Students

- Wi-Fi connection is on the campus for all faculties and students.
- Intranet Facility for online submission (VSIT Live.)
- 60 Mbps Wi-Fi Facility.

c) Class rooms with ICT facility

- All class rooms are with projector and Wi-Fi facility.

d) Laboratories

- Five Well-equipped Computer laboratories with LAN and internet connections.

31 Number of students receiving financial assistance from college, university, government or other agencies

Year	Course	SC	Total
2010-2011	BMS	04	04
2011-2012	BMS	10	10
2012-2013	BMS	09	09
2013-2014	BMS	10	10

- Management students belonging to OBC/SBC/VJNT are not eligible to get financial assistance from State Government.

32 Details on student enrichment programmes (special lectures / workshops / seminar) with external experts.

S. N.	Special Lectures	External Experts
1.	Negotiation Skills	Milind K
2	Summer internship with the Birla Sun	

	Life	
3	TATA Glimpses Model	Mr. D. Doongaji
4	'Interview and Career Planning' By placement committee to guide the students about the importance of careers in booming Management sector which help to become professional expert	Mr. Rijoy Kurup
5	"Techniques of Dabbawallas in Mumbai	Mr. Raghunath Medge
6	'Lecture on entrance exams' by Alumni committee to guide the students for preparing entrance exams.	Mr. Pranav Kelkar
7	Parent Teachers meet on Tie up with Hult	Ms. Shweta Apate

Seminars

S. N.	Seminars	External Experts
1	Seminar on Balancing work and home for women by Women Development cell to improve the women's' efficiency	Prof Seema Shah
2	Seminar on Facial Exercises and self-acupressure by Women Development cell to restore the facial vibrancy	Dr. Shalaka Chaskar
3	Seminar on 'Everything on Research' by R&D committee to encourage in the field of Research	Dr.A. M Narsale
4	Seminar on 'Project Reference-V REFER' by Library committee to understand the concept	Mr.Vivek Singh
5	Seminar on 'Importance of communication Skills' by Career Counseling committee	Mr.Aditya Sawant
6	Seminar on 'Importance of Soft skills'	Ms.Prachi Pisat
7	Seminar on 'Tips and Tricks to clear NET examination'	Mr.Vinayak
8	Seminar on 'Basic Knowledge about Acupressure Techniques and its Benefits'	Prof.Limaye
9	V-Search (Research Paper presentation for students)	
10	VISMIT 2014 (Research Paper Presentation for faculty members)	

Workshop:

S. N.	Workshop	External Experts
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1	'Yoga' Workshop organized by Personality Enrichment committee to focus on the health of faculties.	Mr.Eknath Chaudhari
2	Graphics and Animation Workshop By Career Counseling Committee to make the students competitive enough to face the hi-tech corporate world.	Ms.Daizy Kulkarni
3	'Chess Workshop' by VVC committee to give the idea about the strategy and tricks to master the game of chess.	Prof.Prakash Limaye
4	Workshop on Overall Personality Development	Dale Carnegie
5	UIUC Workshop for Teaching Excellence	Prof. Dilip Chajeed & Cheelan Bo Lin

33 Teaching methods adopted to improve student learning

- **Problem Based Learning:**
The goal of these lessons is to give students grounding in the problem-solving and critical thinking skills that practitioners of a discipline require to be successful. To encourage the growth of these skills, most inquiry and problem-based lessons are centered on a problem similar to one that a practitioner of a given discipline would have to solve.
- **Informal Early Feedback**
Student evaluations of teaching are an important part of the feedback that instructors receive. This feedback can be especially helpful when it is collected during the semester. Our students can tell us if we are clear, accessible, respectful or timely.
- **Digital teaching**
The Digital Environments for Learning, Teaching, & Agency (DELTA) program seeks to investigate and formalize theories, principles, and practices that focus on learning and teaching in digital environments.
- **Team Building**
Team-building is a great way to meet like-minded students, learn how to participate and develop skills as a leader.
- **Class room Assessment Test**
(CATs) are instruments or tools for collecting data on student learning in order to improve it. This approach is
 - Learner centered
 - Teacher directed
 - Mutually beneficial
 - For formative assessment (often ungraded and/or anonymous)
 - Context specific
 - Ongoing approach
 - Rooted in good teaching practice
- **Video Clips/ Screening Movies**
To explain different managerial concepts like Leadership, Group Behavior, Thinking Process etc. some movies like Chak De India, Rocket Sing, Corporate have shown to the students.

- **Graded Questions**

A graded question is a question that always has a correct answer(s) and usually has incorrect answer option(s) as well. Graded questions are used in quizzes to test knowledge retention, determine how a learner understands course material.

- 1) True/False
- 2) Multiple Choice
- 3) Multiple Alternative
- 4) Matching
- 5) Fill In The blanks

- **Flip Methodology**

The flipped classroom model inverts, or “flips” teaching methods by switching activities traditionally done at home with those done in class. Lectures, in the form of several short videos, happen at home where students watch prerecorded lessons online. Homework is done in class where teachers and students engage in a variety of active, and collaborative learning activities.

- **Teaching Philosophy**

It states your beliefs on how learning takes place and expresses the principles you use to guide your teaching in order to bring that learning to fruition. By identifying your personal philosophy of teaching, and continuously examining it, you grow as a teacher.

- **Bloom’s Taxonomy**

Objectives state what we want our students to learn. The statement of an objective describes the type of cognitive process that you want the student to use to demonstrate learning the subject matter content.

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Participation in Institutional Social Responsibility (ISR) and Extension activities

S.N.	Activity Name
1	Polio Drive No 3: To create awareness about the effects of polio among the poor and backward members of Society.
2	Health Camp at Padmashali Telugu Sangh Antop Hill Church Mumbai
3	Peace Rally at Hutatma Chowkh
4	Bus stop drive to reduce the problems caused by indiscipline at the bus stop outside the campus
5	Use of Paper Bags
6	School Kit Distribution Activity for underprivileged children living in the villages of Mangaon

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SWOC analysis of the department and Future plans

STRENGTH	WEAKNESS
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<ul style="list-style-type: none"> • Well qualified young and energetic staff • Collaboration with foreign universities • Multi-model teaching methods • Subject Mentoring/Academic Mentoring • Emphasis on primary data based projects 	<ul style="list-style-type: none"> • Low placement opportunities for under graduate management students • Less number of highly experienced faculty members
OPPORTUNITY	CHALLENGES
<ul style="list-style-type: none"> • Introduction of Professional Certification Programs (Value added courses) • Improving placements for under graduate students • Creation of tie-ups with local business to improve summer/winter internship • Opportunity for more research activities for both faculty members and students 	<ul style="list-style-type: none"> • To attract higher number of students for MMM/MHRDM/MFM • Lack of choice for students to specialized in certain areas of management at undergraduate level in BMS

Future Plans:

- Entering into collaboration with industries for placement initiatives and faculty development programs
- Industrial visits to various companies
- Invite more eminent personalities and Industry experts for guest lectures
- Consultancy service for students interested in carrying out short term research projects from other college and universities
- CSR Initiatives by faculty members along with students
- EDAC Certification
- ISO Certification