

**NATIONAL ASSESSMENT AND  
ACCREDITATION COUNCIL**

*SELF STUDY REPORT*

*OF*

**VIDYA PRATISHTHAN'S  
INSTITUTE OF INFORMATION TECHNOLOGY,  
BARAMATI**

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## NAAC Steering Committee

S. No.	Name of Members
1	Dr. Amol Goje – Head of the Institute
2	Dr. Rupendra Gaikwad
3	Dr. Sateeshchandra Joshi
4	Mr. Popat Mohite
5	Mrs. Rohini Gaikwad
6	Mr. Dhananjay Bhavsar
7	Mr. Sagar Nimbalkar

## **Preface**

This accreditation report is a precious document that has been prepared with utmost sincerity and honesty to the best of our knowledge and belief. This report contains information about Vidya Pratishthan's Institute of Information Technology (VIIT), Baramati, India. This report has two parts, namely, Institutional Data and Evaluative Report. The first part includes Profile of the Institute and Executive Summary. The second part consists of Criteria-wise Evaluative Report, a Declaration by the Head of the Institute and annexes.

The institute is one of the premier Information Technology Education Centre. It caters to the needs of youths in the vicinity of Baramati, a semi-urban place. We are very much aware of the fact that the dimensions of the quality of IT and Management education and institutes keeps on changing rapidly. In addition, the quality cannot be assessed in isolation. It is considered to be a relative attribute. One has to monitor the national and global trends in the quality of IT and Management education and research. There is a need to self-assess itself as a centre of Higher Education and Learning. The NAAC has developed a yardstick and is continuously refining it to measure the quality of Higher Education Institute accurately and precisely.

It is absolutely impossible to complete this SSR without receiving wholehearted support and fruitful interaction with all the staff members of VIIT family. We received additional and valuable support from Vidya Pratishthan's Central Office and their staff members.

We are too keen to meet the peer team of National Assessment and Accreditation Council during their forthcoming visit to our institute. When such a wonderful occasion occurs, all faculty members, support staff, students and all stakeholders would be immensely benefited and vastly enriched with peer team interaction.

With this self-study report, we look forward to receive the peer team at our institute.

Dr. Amol Goje  
Chairman, Steering Committee

## **DIRECTOR's MESSAGE**

Since the beginning of the era of liberalization, globalization and privatization, the economy as a whole had observed significant growth in various sectors. Educational sector has seen many upheavals as well as downward trends in recent past. Our institutions' vision, mission and goals are to reach out to those unprivileged rural youth who are miles away from knowledge of technology and management. Quality education to rural youth has been our major focus since the institute is established in rural part of India (Baramati, Dist. Pune).

There has been significant change in the sphere of technology and management. In the era of globalization, it has become absolutely relevant to set the benchmark for the quality in all spheres of organizational operations. Keeping in view the aforesaid requirement, our institute intends to obtain NAAC accreditation.

The objective of this Self-Study Report (SSR) is to set right all the operations of the institute in proper perspective. It is our endeavor to continuously follow up improvements in infrastructure, teaching-learning pedagogies, research and consultancy, entrepreneurial development, student growth, harnessing of employability skills, satisfaction of stakeholders and interaction with industry.

We have made an honest attempt to put across facts and figures for the consideration of peer committee visiting our campus for the said accreditation. I take this opportunity to welcome all peer team members of NAAC and extend warm greetings for their fruitful interaction with our stakeholders.

**Dr. Amol Goje**  
DIRECTOR  
VIIT, Baramati

## EXECUTIVE SUMMARY

Vidya Pratishthan's Institute of Information Technology (VIIT) was established in February 2000 at Baramati, District Pune, Maharashtra, India. The core objective is to cater to Rural Youth with an aim to provide quality professional education in the field of Information Technology and Management. From the year of establishment, the institute has proven itself to be one of the best IT Institutes conducting various Post Graduate Management Programmes.

VIIT offers management programmes like Master of Computer Application (MCA) and Master of Business Administration (MBA) affiliated to University of Pune and recognized by All India Council for Technical Education (AICTE), New Delhi.

**I. Curriculum Aspects:** Affiliating University provides the curriculum in the form of the syllabi. Institute works out details for effectively operationalize it. Teachers' orientation is of prime importance. Appropriate teaching learning pedagogies are discussed among teaching staff members and these pedagogies are put in place. The teaching staff designs various contents in different formats. These formats are inclusive. Hence, the imparting of employability skills become relevant and hence, student-centric.

The teaching staff members are given absolute freedom to use the time frame of the courses, horizontal and vertical mobility and inter-disciplinary options. Supplementary enrichment programmes are also offered. Those programmes include speeches and interaction with industry experts, training programmes for advanced technologies as well as management strategies.

There is a mechanism to collect regular feedback from all its stakeholders. The feedback is collected for all operational aspects such as curriculum, teaching-learning, library, staff, overall performance and quality of institute.

**II. Teaching Learning and Evaluation:** The institute admits students to two programmes, namely, Master of Computer Application (MCA) and Master of Business Administration (MBA). Admission process is transparent and well-administered. It complies with all the norms of concerned regulatory authorities, such as, Directorate of Technical Education (DTE), Mumbai, All India Council for Technical Education (AICTE), New Delhi and University of Pune. It ensures equity and wide access as reflected from representation of student community from different geographical areas, socio-economic, cultural and educational backgrounds.

The institute adopts gender equity and admission opportunity to the students of diverse background and backward communities.

Institute adopts different pedagogies to make learner-centric education effective. Teaching staff provide a variety of learning experiences using inclusive techniques, which are interactive and participatory in nature. It aims at making learning process constructive.

Institute has experienced academic as well as industry drawn faculty, who share their experiences with initiatives which aim at building up employability skills among the students.

Important elements of teaching-learning process are evaluation of the students as well as faculties. Teaching staff incorporates various elements and activities in their respective teaching plans. These elements ensure that evaluation done on the basis of those activities

provide qualitative dimensions. It helps to enhance competence of the students. It also helps institute to gauge knowledge and skills of the students and calibrate accordingly.

Effective imparting of knowledge and skillsets ensures successful completion of the programme. The desired outcome is revealed in acquisition of skills and knowledge. However, the learning outcomes do not necessarily get equated to level of competence of each participating student.

**III. Research, Consultancy and Extension:** Institute has a full-fledged research centre approved by affiliating University, i.e., University of Pune. Right from the inception, institute has been keen in providing for ideal infrastructure as well as facilities to create research culture. It encourages its faculty members to undertake variety of research projects which are ultimately useful for society at large. It, therefore, ensures that social responsibility and core values are safeguarded.

Faculty members are facilitated to participate in research and related activities. They are supported with assistance in the form of reimbursement of registration fees for participating in research oriented conferences, seminars, workshops, etc. They are also encouraged to pursue projects funded by Board of College and University Development (BCUD), University of Pune. Necessary infrastructure for making those research conducive is provided.

Faculty members who have significant achievements as well as publications are well-appreciated. Few of the experienced faculty members involve themselves in consultancy activities in the form of training and development sessions conducted at the industrial organizations in the vicinity of the institute.

Institute separately carries out societal activities through Institute Social Responsibility (ISR) programmes. These programmes are for communities and society members in the vicinity of the institute. The programmes such as Mobile Computer Van, Community Radio are to name a few. This sensitizes its students about the social issues faced by the community and sustainable solutions provided there for. They are encouraged to think out of box and serve the society at large.

**IV. Infrastructure and Learning resources:** In order to effectively implement those vision, mission and goals of the institute, it has state-of-the-art infrastructure and amenities for its students who are drawn from diverse rural background. It is located on green, eco-friendly, scenic 5.89 acres campus situated at Bhigwan Road, Baramati.

It has attractive, well-designed Institute building with amply illuminated, ventilated and spacious classrooms, tutorial rooms and well-equipped auditorium. The campus has five boys' hostels and one girls' hostel. These hostels also have connectivity to the main server of the institute. These hostels accommodate more than 1000 students.

Since the institute is dedicated to the domains of Information Technology and Management, it is equipped with quality network of more than 350 computers powered by Gigabit Fibre Optic Cables. Five computer laboratories with the capacity of 60 each are located on each floor of the building of the institute. Students are immensely benefitted.

‘One best book is equal to hundred friends but one good friend is equal to a library’ – Dr. A. P. J. Abdul Kalam. Even though Dr. Kalam had given importance to having a good friend, it is needless to say that he has emphasized importance of library. Institute has well-stocked library. The library staff is enthusiastic and provide support to all the students and faculty members ensuring enjoyable learning process.

**V. Student Support and Progression:** Institute by default, has its initiatives focused at holistic development and progression of its students. All the activities that are planned, are student-centric. The institute has various facilitating mechanisms such as career guidance, training and placement and grievance redressal cells. These cells provide special inputs to the needy students who have learning difficulties. It aims to bridge the gap between known and unknown. Students are encouraged to organize various events such as conferences, workshops, industry expert guest sessions, etc. This harnesses creativity, organizing and communication skills of the students.

This system ensures that students are mentored and inputs are making them more responsible citizens who are well-aware of their knowledge and skillsets. Students are also equipped with basic skills needed to support their technical skills such as programming, testing, system modelling, etc. Few students have entrepreneurial bend of mind. Such students are given special inputs to enable them set up their own venture.

Students are encouraged to undertake higher studies. Certain students approach the teaching staff for guidance to enable them to pursue higher studies abroad. Such practices followed at institute ensure overall growth of the students which takes care of social responsibilities and employability.

**VI. Governance, Leadership and Management:** Institute has well-designed vision, mission and goals. This sets up values and participative decision making process within the institute. It ensures sound premises on which organizational culture is built. Both academic and non-academic staff members interact regularly among themselves and gel themselves into a team of service providers to all the stakeholders. The institute works through a defined organization structure which tries to align to the improvement of the overall quality in its operations.

Appropriate policies related to students and staff members are drafted. Those documents incorporate rules and regulations, procedures and schemes for growth and development of both students as well as faculty members. It is also ensured that appropriate feedback and response mechanism is in place. This facilitates performance evaluation of both students and staff members.

Institute has sound financial policies to ensure availability of financial resources as and when required. Institute is self-financed and unaided. It is all the more important to ensure proper resource mobilization and effective financial management. Institute regularly conducts internal and external audit.

Institute has its internal quality assurance system. It aims at continuous improvement of quality and achieving academic excellence. Rigorous efforts are put in to adopt participatory approach and the response from both teaching and non-teaching staff is well-noted. The suggestions made are incorporated to set the process free from defects and make it more meaningful and purposeful.

**VII. Innovations and Best Practices:** Institute focuses on innovative efforts for both the areas of its operations, namely, academic as well as social. The first part ensures that the interest of its stakeholders, especially the students get the best attention. The existing as well as ex-students are our ambassadors. Hence, institute has put in two of its practices, namely, Alumni association and Employability Skill Enhancement Programme to be its best practices.

On the other hand, institute ensures through its societal activities that the projects which have relevance to matters like computer education for rural youth and community radio for overall development in the context of social, cultural, educational and hygiene aspects are dealt with. Therefore, it has singled out two of its many activities, namely, Mobile Computer Van and VIIT's Vasundhara Community Radio to be its best practices in social areas of operation.

Both the type of activities ultimately match to its vision, mission and goals in appropriate proportions. However, such activities need to have ongoing follow up and sustained flow.

Innovations and best practices are an integral part of any learning organization. Our institute ensures that such activities remain our top priority.

**Strengths:** Institute has the Director leading from the front consistently right from the day of inception of this institute. Furthermore, institute has excellent infrastructure and efficient non-teaching staff to cater to the needs of the students as well as all the stakeholders. More importantly, the institute has full support from top management.

**Weaknesses:** The Institute, however, faces certain limitations in the following areas of its operations. Those limitations are not necessarily overwhelming but need to be noted in the right perspective. Getting experienced & qualified faculty members is difficult. The students do come from wide geographical area. The transportation facility of the public transport itself is ample but it could be viewed that the institution does not provide such exclusive facility. Even in case of banking and postal facilities, it could be observed that the campus has a branch of a bank but the public sector bank ATMs and other facilities like post are available only in the radius of about one kilometre.

**Opportunities:** The above enumerates about the institutional activities carried out. However, the process of academic growth of the students is multi-layered. The students respond to various other external entities for which the institute has very little to contribute. The market trends fluctuates and hence right from admissions to passing of the master's degree, the process largely depends upon those fluctuations. This provides marred opportunities for institutions of technical education.

**Challenges:** Our institute, however, gets to have a student base who are eager-learners. Since, they come from underprivileged and deprived rural community, offer a bundle of opportunities for our institute's vision, mission and goals. There is a need for institute like ours to get ready for the challenges thrown by the happenings in the rural India.

## SECTION B: PREPARATION OF SELF-STUDY REPORT

### 1. Profile of the Affiliated / Constituent College

1) Name and Address of the College:

<b>Name:</b>	Vidya Pratishthan's Institute of Information Technology				
<b>Address:</b>	Vidyanagari, Bhigwan Road, Baramati Dist. - Pune				
<b>City:</b>	Baramati	<b>PIN:</b>	413133	<b>State:</b>	Maharashtra
<b>Website:</b>	www.viitindia.org				

2) For Communication:

Designation	Name	Telephone with STD code	Mobile	Fax	Email
Principal/ Director	Dr. Amol Goje	O:02112-239555 R:02112-239291	9823082835	02112-239550	<a href="mailto:director@viitindia.org">director@viitindia.org</a> <a href="mailto:info@viitindia.org">info@viitindia.org</a>
Vice Principal	NA				
Steering Committee Co-ordinator	Dr. Rupendra Gaikwad	O:02112-239576 R:	9423001141	02112-239550	rupendra.gaikwad@viitindia.org

3) Status of the Institution:

- Affiliated College**   
Constituent College   
Any other (specify)

4) Type of Institution:

- a) By Gender  
i. For Men   
ii. For Women   
**iii. Co-education**
- b) By Shift  
**i. Regular**   
ii. Day   
iii. Evening

5) It is a recognized minority institution?

- Yes  No

If yes, specify the minority status (Religious/linguistic/ any other) and provide documentary evidence.

6) Sources of funding: Government

- Grant-in-aid   
**Self-financing**   
 Any other

7)

a) Date of establishment of the college: **30/06/2001**

b) University to which the college is affiliated /or which governs the college (If it is a constituent college)

**University of Pune, Pune.**

c) Details of UGC recognition:

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

(Enclose the Certificate of recognition u/s 2 (f) and 12 (B) of the UGC Act)

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

Under Section/ clause	Recognition / Approval details Institution / Department Programme	Day, Month and Year (dd-mm- yyyy)	Validity	Remarks
i.	MCA	30/06/2001	2013-14	Annual Approval
ii.	MBA	30/06/2008	2013-14	

(Enclose the recognition/approval letter)

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                      Date of recognition:

10) Location of the campus and area in sq. mts:

<b>Location *</b>	Rural
<b>Campus area in sq. mts.</b>	23,836
<b>Built up area in sq. mts.</b>	5,677

(\* 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: **Yes, 02 No.**

✦ Sports facilities:

★ Play Ground: **Yes, 03 Nos.**

★ Swimming Pool: **No**

★ Gymnasium: **Yes, 02 Nos.**

✦ Hostel

★ Boys' hostel: **Yes**

i. Number of hostels: **01**

ii. Number of inmates: **100**

iii. Facilities (mention available facilities): **Hot water, Laundry, Water purifier & cooler, Wi-Fi internet, Ambulance, First-Aid, Mess, Canteen, etc.**

★ Girls' hostel: **Yes**

i. Number of hostels : **02**

ii. Number of inmates: **100**

iii. Facilities (mention available facilities): **Hot water, Laundry, Water purifier & cooler, Wi-Fi internet, Ambulance, First-Aid, Mess, Canteen, etc.**

★ Working women's hostel: **NA**

i. Number of inmates

ii. Facilities (mention available facilities)

★ Residential facilities for teaching and non-teaching staff (give numbers available — cadre wise)

i. Director: **Yes (1 No.)**

ii. Teaching Staff: **Yes (16 Nos.)**

iii. Non-Teaching Staff: **Yes (8 Nos.)**

★ Cafeteria: **Yes**

★ Health centre: **Yes**

First aid, Inpatient, Outpatient, Emergency care facility, Ambulance: **Yes**

★ Health centre staff:

<b>Qualified Doctor</b>	Full time	<input checked="" type="checkbox"/>	Part-time	<input type="checkbox"/>
<b>Qualified Nurse</b>	Full time	<input checked="" type="checkbox"/>	Part-time	<input type="checkbox"/>

★ Facilities like banking, post office, book shops: **Yes**

★ Transport facilities to cater to the needs of students and staff: **NA**

★ Animal house: **NA**

★ Biological waste disposal: **NA**

★ Generator or other facility for management/regulation of electricity and voltage: **Yes**

**Generator Capacity: 62.5 KVA**

**Solar Capacity: 21 KW**

★ Solid waste management facility: **Yes**

★ Waste water management: **Yes**

★ Water harvesting: **Yes**

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

S. 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	NA					
2	Post-Graduate	MCA	3 yrs.	Graduation	English	120	23
		MBA	2 yrs.	Graduation	English	60	60
3	Integrated Programmes PG	NA					
4	Ph. D.	Started from AY 2013-14		PG		16	In process
5	M.Phil.	NA					
6	Ph. D.	NA					
7	Certificate courses	NA					
8	UG Diploma	NA					
9	PG Diploma	NA					
10	Any Other (specify and provide details)	NA					

13) Does the college offer self-financed Programmes?

Yes  No

If yes, how many?

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

Yes  No  Number: **02 (MBA & Ph. D.)**

15) List the departments: (respond if applicable only and do not list facilities like Library, Physical Education as departments, unless they are also offering academic degree awarding programmes. Similarly, do not list the departments offering common compulsory subjects for all the programmes like English, regional languages etc.)

Faculty	Departments (eg. Physics, Botany, History etc.)	UG	PG	Research
Science				
Arts				
Commerce				
Any Other (Specify)	MCA, MBA		✓	✓

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

- a) Annual System:
- b) Semester System:
- c) Trimester System:

17) Number of Programmes with

- a) Choice Based Credit System:
- b) Inter/Multidisciplinary Approach:
- c) Any other (specify and provide details):

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

Yes  No

If yes,

a) Year of Introduction of the programme(s)..... (dd/mm/yyyy)  
and number of batches that completed the programme

b) NCTE recognition details (if applicable)

Notification No.: .....

Date:.....(dd/mm/yyyy)

Validity:.....

c) Is the institution opting for assessment and accreditation of Teacher Education Programme separately?

Yes  No

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

Yes  No

If yes,

a) Year of Introduction of the programme(s)..... (dd/mm/yyyy) and number of batches that completed the programme

b) NCTE recognition details (if applicable)

Notification No.: .....

Date: ..... (dd/mm/yyyy)

Validity:.....

c) Is the institution opting for assessment and accreditation of Physical Education Programme separately?

Yes  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	3		6		12	6				
<i>Recruited</i>	2		3		11	4	11	1	3	1
<i>Yet to recruit</i>	1		3		1	2	-	-	-	-
Sanctioned by the Management/ society or other authorized bodies										
<i>Recruited</i>										
<i>Yet to recruit</i>										

\*M-Male \*F-Female

21) Qualifications of the teaching staff:

Highest qualification	Professor		Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	Male	Female	
<i>Permanent teachers</i>							
D.Sc./D.Litt.							
Ph.D.	02		03				05
M.Phil.					2		02
PG					9	4	13
<i>Temporary teachers</i>							
Ph.D.							
M.Phil.							
PG							
<i>Part-time teachers</i>							
Ph.D.							
M.Phil.							
PG							

22) Number of Visiting Faculty /Guest Faculty engaged with the College: **30**

23) Furnish the number of the students admitted to the college during the last four academic years. (MCA & MBA)

Categories	Year 1 (2013-14)		Year 2 (2012-13)		Year 3 (2011-12)		Year 4 (2010-11)	
	Male	Female	Male	Female	Male	Female	Male	Female
SC	9	2	8	6	12	3	6	4
ST	0	0	0	1	0	0	0	0
OBC	7	6	26	7	20	3	16	4
General	26	19	58	47	45	27	43	35
Others	10	3	17	5	7	3	10	2

24) Details on students enrolment in the college during the current academic year: (MCA & MBA)

Type of students	UG	PG	M. Phil.	Ph.D.	Total
Students from the same state where the college is located		<b>82</b>			
Students from other states of India		<b>0</b>			
NRI students		<b>0</b>			
Foreign students		<b>0</b>			
<b>Total</b>		<b>82</b>			

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

UG  PG

26) Unit Cost of Education

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

	MCA	MBA
(a) including the salary component	<input type="text" value="₹ 66,327/-"/>	<input type="text" value="₹ 70,635/-"/>
(b) excluding the salary component	<input type="text" value="₹ 14,108/-"/>	<input type="text" value="₹ 11,013/-"/>

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

Yes  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= **1:15**

29) Is the college applying for

Accreditation: **Cycle 1**  Cycle 2  Cycle 3  Cycle 4

Re-Assessment:

*(Cycle 1 refers to first accreditation and Cycle 2, Cycle 3 and Cycle 4 refers to re-accreditation)*

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

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

\* *Kindly enclose copy of accreditation certificate(s) and peer team report(s) as an annexure.*

31) Number of working days during the last academic year.

288
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32) Number of teaching days during the last academic year

*(Teaching days means days on which lectures were engaged excluding the examination days)*

SEM-I:	98
--------	----

SEM-II:	72
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33) Date of establishment of Internal Quality Assurance Cell (IQAC)

**01/08/2013**

34) Details regarding submission of Annual Quality Assurance Reports (AQAR) to NAAC.:

**NA**

AQAR (i) ..... (dd/mm/yyyy)  
AQAR (ii) ..... (dd/mm/yyyy)  
AQAR (iii) ..... (dd/mm/yyyy)  
AQAR (iv) ..... (dd/mm/yyyy)

35) Any other relevant data (not covered above) the college would like to include. (Do not include explanatory/descriptive information)

We have installed and using Renewable Energy Source, i.e., Solar Energy of 21 KW capacity.

## 2. Criteria-Wise Inputs

### 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.

The vision, mission and objectives of Vidya Pratishthan's Institute of Information Technology (VIIT), are stated as follows:

**Vision:** To be a centre of academic excellence by creating high quality academic ambiance through state of art research, innovation, infrastructure, teaching and learning resources and imparting human values and work ethics for sustainable development of the society.

**Mission:** To bring information technology to the common man of rural India and ensure that IT is for quality management education, teaching- learning, research, out- reach services and to serve the society.

#### **Objectives:**

- i) To impart quality education in the management and technology.
- ii) To achieve continuous improvement of the teaching & non-teaching staff, infrastructure and educational aids.
- iii) To encourage the students' growth, participation in academic events and extracurricular activities.
- iv) To create academic excellence through research in the relevant field of management through publications.
- v) To make available the essential educational facilities to shape aspirant managers and make them more effective, in related fields with corporate.
- vi) To develop teachers and researchers in management with specialization in different fields of management and IT by deputing them for higher educational qualifications such as M. Phil. and Ph.D.
- vii) To inculcate the decision making skills and administrative competence among learners through innovative programmes.
- viii) To improve the quality of management education and research by collaborating with other B-schools.

The vision, mission and objectives of the institute are conveyed to the students through the student orientation programmes. The vision, mission and objectives of the institute are engraved and displayed in important locations within the premises, institute's website, admission brochure, etc. which help in communication of the same to the stakeholders.

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).

- i) Academic Calendar
- ii) Preference and allocation of Subjects
- iii) Teaching Plans
- iv) Course Material (PPTs, Cases & other teaching material)
- v) Faculty meeting and their inputs
- vi) Regular student feedback and suggestions
- vii) Training and developmental activities
- viii) Evaluation (internal/external)

The institute develops its action plan through participative approach.

- Through discussions of all the faculty members, subjects are allocated in the beginning of the semester.
- After allocation of the subjects the faculty members make their respective teaching plans.
- After discussions of all the faculty members, institute plans for student development activities and other academic activities for the semester.

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?

The affiliating university supports the institute with a concrete syllabus to conduct the curriculum. At the same time, it also organizes workshops and seminars that offer opportunities for acquiring skills on the subject matter for the effective translation of the curriculum by the institute.

The institute in this regard also encourages the faculty members to participate in such deliberations organized by the University through various institutes. The institute organizes Faculty Development Programs every year to update and improve the knowledge and teaching skills of the faculty.

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 institute offers support for effective teaching through programs like in-house pedagogical faculty development programs. The institute also encourages the faculty members to attend seminars and workshops that focus on the effective delivery of the curriculum. Guest sessions, a state of the art infrastructure, well equipped classrooms along with LCD projectors, language lab, updated library are provided by institute. The computer labs (air conditioned with the capacity of 60 computers) along with LCD. The computers are equipped with SPSS 13.0, Tally 9.0, IBM RAD and IBM RAS which helps the faculty in effective delivery of the curriculum.

- 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?

Institute interacts with industry through “Industry-Institute Interaction cell”. Through this cell, institute invites guest speakers to interact with the students. Institute also organizes industrial visits for students. This interaction helps in internship projects and campus recruitments.

**MCA:**

Institute has opened a student branch of Computer Society of India (CSI) with more than 130 student members.

Benefits of CSI membership for students:

- i) E-subscription of the magazine
- ii) Knowledge on Big Data and Hadoop.
- iii) Information on the various workshops and seminars conducted by CSI across India.

- 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.)

Faculty members discuss in the meetings about requirement of the industry. Through interaction with the alumni, institute comes to know the industry needs. Some of the faculty members represent in the curriculum development process. Institute communicates all this information to the university. In the capacity of member of Board of Computer Studies, Head of the institute communicates this information to the authorities in University. Accordingly, the industry needs are incorporated in the curriculum.

- 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.

**MCA:**

- 1) Free subjects (Foundation of Decision Process) in the semester IV and V of syllabus 2012-13 pattern.
- 2) Soft skills

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

The institution achieves curriculum objectives in the course of implementation of the curriculum by the following ways:

- 1) **University examination results:** The examination scores of the individual and the consolidated results are analyzed and tabulated.
- 2) **Internal Assessment:** The students are internally assessed on the basis of following criteria:
  - i. Assignments
  - ii. Presentations
  - iii. Unit test
  - iv. Preliminary examination
  - v. Field work
  - vi. Attendance
  - vii. Scrap book
  - viii. Open book tests
  - ix. Group discussions, etc.

## 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.

Institute organizes certificate programmes, workshops and skill development activities to:

### **MCA:**

Android, Project Management, Research Methodology, SPSS, Computer Society of India, Soft Skills Development etc.

### **MBA:**

SPSS, Research Methodology, Project Management, Entrepreneurship Development Program, etc.

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

Not Applicable

- 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*

## **MBA:**

MBA programme offers specializations in the areas of Marketing Management, Financial management, Information Technology Management, Operations management, Human Resource Management, Agri-Business management, Family Business Management and Technology Management.

The institute's faculty member has guided and counseled student to UK for higher studies.

## **MCA:**

Students have flexibility to choose IT elective and Business Scenario electives out of additional elective subjects offered by institute.

### ★ *Choice Based Credit System and range of subject options*

Choice based credit system has been introduced from academic year 2013-14 for MCA & MBA programmes.

### ★ *Courses offered in modular form*

Both the programmes are offered in modular form. MBA is offered in 10 specializations/ modules out of which, every student has to opt for one specialization/module. MCA programme is also offered with elective modules.

### ★ *Credit transfer and accumulation facility*

Not applicable.

### ★ *Lateral and vertical mobility within and across programmes and courses*

Not applicable.

### ★ *Enrichment courses*

## **MCA:**

Following enrichment courses are organized for MCA:

- ◆ Oracle certification programme
- ◆ Mobile apps development programme

## **MBA:**

- ◆ Entrepreneurship Development Programme

- 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.

Status of the institute is permanently unaided. So, MCA & MBA programmes are self-financed in all aspects.

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

Institute provides various additional skill development programs, training programs and workshops for the students to enhance their employability. The beneficiaries are the students of MCA & MBA.

- 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?

Not Applicable

### 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 program and Institution’s goals and objectives are integrated?

There are various programmes conducted at the institute which correspond to the achievement of the goals of the institute. Following programmes are offered:

1. Programmes by Project Management Institution (PMI)
2. Programmes by Computer Society of India (CSI)
3. Employability Skills Enhancement Programmes
4. Training /Certificate Programmes etc.

<b>Goals of VIIT</b>	<b>Programs conducted to integrate goals and objectives</b>
Continuous improvement of the teaching and non-teaching staff	Faculty Development Programs and Staff Development Programs
To encourage the students’ growth, participation in academic events and extracurricular activities.	Participation of students in various inter collegiate competitions, research conferences, cultural and sports events
To create academic excellence through research in the relevant field of management through publications.	Our research journal ‘VIIT Research Journal’ is international with ISSN No. 2278-6112 and multidisciplinary in nature. Articles are invited from faculty members, research scholars, corporates as well as management students and we

	publish them biannually on the basis of peer review report.
To establish educational facilities to prepare aspirant managers more effective, in related fields with corporate and alumni.	Organizing guest sessions of eminent personalities from industry.  Alumni meets are organized for interaction between alumni and present students.
To develop teachers and researchers in management with specialization in different fields of management and IT by deputing for higher educational qualifications such as M. Phil. and Ph.D.	Motivation to faculty members to do research qualifications such as M. Phil. and Ph.D.
To improve the quality of management education and research by collaborating with other B-schools.	MoU and agreement with Georgia State University, Georgia, US and Vistula University, Poland.

- 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?

Institute conducts activities through industry-academia interaction programmes and entrepreneurship development cell to improve employability of the students.

◆ ***Industry-Academia Interaction Programmes:***

With an aim to initiate professional interaction amongst the students and top management executives, the institute invites guest speakers from leading companies and organizations who interact with the students about various issues relating to competitive corporate world as a supplement to the classroom teaching. MBA students work in the industry to pursue summer internship projects for 60 days. MCA students work in the industry for 6 months to complete a major project as a part of curriculum.

◆ ***Entrepreneurship Development Cell***

A separate cell for Entrepreneurship Development has been incorporated in the institute. This cell creates awareness of need and importance of entrepreneurship as career option among the students, thereby strengthening their Entrepreneurship skills. In this regard, we conduct entrepreneurship development programme.

- 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?

**Grievance Cell:**

Institute has set up student grievance cell to settle the issues of students from time to time. The issues that are discussed include women related grievances, climate change, human rights, etc. Various faculty members during the interaction with Board of

Studies members, express the need for including such issues and its redressal in the curriculum.

**Environment Forum of India, Baramati (NGO):**

Institute conducts conferences related with environmental issues. The students actively participate as volunteers and imbibe various skills for their development. Those issues have already found relevance in the curriculum, for example, Global Warming, Natural Calamities, etc.

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

◆ ***Moral and Ethical values:***

Institute imbibes moral and ethical values among students through following activities:

1. Blood donation camps
2. Visits to the old-age homes
3. Visit to Orphanages

◆ ***Employable and life skills***

The institute organizes sessions on Personality Development and Leadership Skills. Training sessions of the analytical reasoning, presentation skills, etc. have also been initiated for student benefit. There have been various sessions conducted specifically in the areas of investments, marketing skills, interview techniques etc. with the help of these life skills, institute tries to enhance the employability of the students.

◆ ***Better career options***

In order to enhance the students' career options the Placement and Training Department has organized various training programmes.

◆ ***Community orientation:***

Environment Awareness Programmes are conducted through environment forum for community orientation.

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

Institute obtains feedback from alumni and Industry about curriculum. Faculty members participate in meeting related to curriculum development in the university. Faculty members communicate their ideas as well as students' views and opinions for better design of curriculum at the university level.

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

Based on the analysis of the students, the following strategies are built to bridge the knowledge gap of the newly admitting students-

- ✦ Induction programme provides information with respect to the entire curriculum, the examination process, computer laboratory and information of the various centres for excellence, computer lab, library and other resources available in the institute.
- ✦ Induction programme aims to bridge the knowledge gap with respect to the career opportunities. After completion of the programme, current trends in information and technology industries, corporate sector, personality development and enhance their exposure to the industry.

**MCA:**

- Students are encouraged to pursue additional certification programmes like Oracle, Android, IBM DB2, etc.
- Remedial classes are conducted as and when needed.

**MBA:**

- Need based remedial classes are conducted.
- Training to improve soft skills through English Lab and Communication Lab.
- Personality Development Programme.

**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?

Head of institute is a member of Board of Studies at University of Pune. Faculty members actively participate in the process of designing and development of the curriculum. The opinions of the students, industry and other stakeholders are communicated in the same meeting to enrich quality of the curriculum.

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?

Institute has developed a mechanism of feedback from students and stakeholders on curriculum. After analyzing the feedbacks, the suggestions are communicated to the concerned authority of university through the Head of the institute who is a member of Board of Studies for introducing necessary changes in the curriculum.

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?)

Not applicable.

## **CRITERION II: TEACHING LEARNING AND EVALUATION**

### **2.1 STUDENT ENROLMENT AND PROFILE**

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

#### **Admission process:**

Admission process for both the programs, i.e., MCA and MBA is bifurcated in two levels. In which, 80 percent seats are allotted by Directorate of Technical Education, Maharashtra and the remaining 20 percent seats are filled at institute level. However, Institute level quota seats are filled by giving advertisement in the newspapers and Institute website to attract meritorious and competent candidates.

The students and alumni are our Brand Ambassadors. Word of mouth publicity is very strong. This helps the institute in bringing a good number of students.

The Institute ensures transparency in the admission process as mentioned below:

The Institute provides counseling to walk-in enquiries of the students and their parents. The rules and regulations of the institute and the fees to be paid for the entire course are explained. Fee benefits to reservation candidates are also clarified. The admission process is explained to them in detail.

The eligible candidate list is displayed on the notice board and Institute website.

2.1.2. Explain in detail the criteria adopted and process of admission to various programs of the Institute.

#### **MCA: Intake 120**

Open category: Minimum 50 percent marks at graduation level or equivalent CGPA.

Reserved category & physically disabled candidate: 45 percent marks at graduation level or equivalent CGPA.

Mathematics or statistics as one of the subject in 10+2 or graduation level.  
CET score.

#### **MBA: Intake 60**

Open category: Minimum 50 percent marks at graduation level or equivalent CGPA.

Reserved category & physically disabled candidate: 45 percent marks at graduation level or equivalent CGPA.

CET score.

- 2.1.3. Give the minimum and maximum percentage of marks for admission at entry level for each of the programmes offered by the institute and provide a comparison with other institutes of the affiliating University within the city/ district.

<b>MCA</b>					
Year	UG	VIIT, Baramati		Dattakala, Bhigwan	
		Highest %	Lowest %	Highest %	Lowest %
2010-11	BCA / B. Sc. / B. Com.	78.33	51.70	68.33	41.70
2011-12	BCA / B. Sc. / B. Com.	78.00	47.93	68.00	42.93
2012-13	BCA / B. Sc. / B. Com.	78.37	47.00	68.37	43.00
2013-14	BCA / B. Sc. / B. Com.	78.40	48.00	68.40	48.00

<b>MBA</b>					
Year	UG	VIIT, Baramati		Dattakala, Bhigwan	
		Highest %	Lowest %	Highest %	Lowest %
2010-11	B. Sc. / B. Com	83.30	47.60	63.30	43.76
2011-12	B. Sc. / B. A.	78.80	46.00	68.80	42.60
2012-13	B. Sc. / B. Com	83.80	46.00	63.80	47.00
2013-14	BBA / BCA	76.40	47.61	56.40	44.61

- 2.1.4. Is there a mechanism in the Institute to review the admission process and student profiles annually? If 'yes' what is the outcome of such efforts and how has it contributed to the improvement of the process?

Not Applicable

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

Institute provides equal academic inputs to all. Hence the whole cross section of students from the society is admitted.

<b>MCA</b>				
Category/Year	2010-11	2011-12	2012-13	2013-14
SC/ST	4	7	9	1
OBC	11	13	20	3
Women	17	16	43	4
Differently abled	0	0	0	0
Economically Backward class	53	53	50	42
Minority communities	3	3	2	2
J &K	0	0	0	0
Any other	0	0	0	0

<b>MBA</b>				
<b>Category/Year</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2013-14</b>
SC/ST	6	8	6	10
OBC	9	10	13	10
Women	28	20	23	26
Differently abled	0	0	0	0
Economically Backward class	21	23	23	19
Minority communities	9	3	0	0
Any other	0	0	0	0

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

<b>MCA</b>					
<b>Year</b>		<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2013-14</b>
Approved intake		60	60	120	120
Total number of Applications received		22	73	34	8
No of students admitted	Through CAP**	48	48	81	16
	ILQ***	12	12	34	6
	Total	60	60	115	22
Demand Ratio		1:1	1:1	1:1	*5:1

<b>MBA</b>					
<b>Year</b>		<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2013-14</b>
Approved intake		60	60	60	60
Total number of Applications received		51	18	30	21
No of students admitted	Through CAP**	46	47	41	46
	ILQ***	14	13	19	14
	Total	60	60	60	60
Demand Ratio		1:1	1:1	1:1	1:1

The above table indicates that the demand for the institute level quota seats has increased in the year 2010 and 2011, since VIIT delivers quality education.

\* In the year 2013-14 ratio affected due to lateral admission to MCA II year.

\*\* Central Admission Process

\*\*\* Institutional Level Quota

## **2.2. CATERING TO DIVERSE NEEDS OF STUDENTS**

2.2.1. How does the Institute cater to the needs of differently abled students and ensure adherence to government policies in this regard?

Institute has not come across differently abled students till date. However, Institute can provide for necessary facilities. Institute can provide remedial coaching and mentoring, if required.

2.2.2. Does the Institute assess the students' needs in terms of knowledge and skills before the commencement of the programme? If yes give details on the process.

Institute takes following initiatives:

- Induction for freshers of MBA and MCA programmes.
- Guidance for choice of specialization for second year students of MBA.

2.2.3. What are the strategies drawn and deployed by the Institute to bridge the knowledge gap of the enrolled students to enable them to cope with the programme of their choice? (Bridge / Remedial/ Add-on / Enrichment courses) etc.

Based on the analysis of the students, the following strategies are built to bridge the knowledge gap of the newly admitted students-

- ✦ Induction programme provides information with respect to the entire curriculum, the examination process, and information of the various centres for excellence, computer lab, library and other resources available in the Institute.
- ✦ Induction programme aims to bridge the knowledge gap with respect to the career opportunities. After completion of the programme, students get current trends in information and technology industries, corporate sector, personality development module which enhances their exposure to the needs of the industry.

**MCA:**

- Students are encouraged to pursue additional certification programmes like Oracle, Android, IBM DB2, etc.
- Remedial classes are conducted as and when needed.

**MBA:**

- Need based remedial classes are conducted.
- Training to improve soft skills through Language Lab.
- Personality Development Programme.

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

VIIT's Vasundhara Community Radio conducts various social programmes such as Women's Day, Orphan help movement, Environment Awareness, Old age support activities etc.

Environmental Forum of India, Baramati an NGO involves our students in various activities.

Students and faculty do willingly participate in above programmes and generate socio-eco awareness.

- 2.2.5. How does the Institute identify and respond to special educational/ learning needs of advanced learners?

Institute is in Memorandum of Understanding with Georgia University, USA and Vistula University, Warsaw, Poland, for enrichment of advanced learners.

In addition to this Institute provides:

- Opportunities to participate in Conferences, seminars, paper presentation competitions
- Opportunity to attend advanced Trainings and workshops like Entrepreneurship Development Programme
- Student are encouraged to participate in inter Institute project competitions through project work based on theoretical data/practical work/survey data/case studies are encouraged to participate in inter Institute project competitions e.g. 'Avishkar'-University level project competition

- 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.)?

Institute scrutinizes the academic performance of the students closely. However, Institute has not come across such cases. As a practice following action is initiated.

The Institute identifies students through:

- ◆ Poor attendance list
- ◆ Academic results (class performance, assignments, test, university results)
- ◆ Mentoring process

### **2.3. TEACHING – LEARNING PROCESS**

- 2.3.1. How does the Institute plan and organize the teaching – learning and evaluation schedules? (Academic calendar, teaching plan and evaluation blue print, etc.)  
Academic Plan and Academic Calendar.

The institute is committed to make teaching and learning "Student Centric" which makes the students to think, analyze, be independent, original and creative. Students from diverse backgrounds and abilities are admitted. Their individual needs are properly addressed.

Learning methods encourage students' participation through project work, training in relevant software and e-learning. Teaching innovations through modern teaching aids

and Information and Communication Technology (ICT) facilities make the learning process more student- friendly.

### ***Academic Plan for MCA:***

The planning process for a given semester is initiated at least one month before the actual commencement of the semester.

#### **Teaching:**

1. Allocation of subjects to faculty members using criteria such as areas of interest, specialized training, previous year results and number of years' experience.
2. Collective decision regarding elective subjects in consultation with students.
3. Timetable and event calendar is published.
4. Preparation of teaching plan.
5. Maintenance of lecture records.

#### **Learning:**

Student-centric learning environment is created by various methods among students.

1. Case studies
2. Group activities
3. Project competitions
4. Programming competitions

#### **Evaluation:**

Student evaluation is done based on following criteria:

1. Assignments
2. Presentation/Oral
3. Unit test
4. Preliminary test
5. Attendance
6. Mini project viva-voce

### ***Academic Plan for MBA:***

The planning process for a given semester is initiated at least one month before the actual commencement of the semester.

#### **Teaching:**

1. Allocation of subjects to faculty members using criteria such as areas of interest, specialized training, previous year results and number of years' experience.
2. Collective decision regarding elective subjects in consultation with students.

3. Timetable and event calendar is published.
4. Preparation of teaching plan.
5. Maintenance of lecture records.

**Learning:**

Student-centric learning environment is created by various methods among students.

1. Case studies
2. Role Plays
3. Group discussions
4. Book reviews
5. Poster presentations
6. Mad-Ad shows
7. Business plan competitions

**Evaluation:**

Student evaluation is done based on following criteria:

1. Assignments
2. Presentation/Oral
3. Unit test
4. Prelim test
5. Attendance
6. Group discussions
7. Scrap book

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

The Institute follows standard practices for enhancing teaching-learning process. The decisions are taken collectively in the faculty meeting for adoption of new teaching pedagogy and minimize the gap of learning.

Contribution of IQAC in the improvement of teaching-learning process as follows:

1. Regular monitoring of teaching classes.
2. Identifying learning gaps.
3. Counseling to the faculty and students.

IQAC frames necessary policies to strengthen teaching learning process.

2.3.3 How learning is made more students 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?

Various student driven activities are being conducted to make the learning process more student-centric, with the help of following initiatives:

***Independent learning:***

- ✦ Individual Projects
- ✦ Subject Assignments
- ✦ Mini projects
- ✦ Few subjects/topics are encouraged to be in self-learning mode.

2.3.4 How does the Institute nurture critical thinking, creativity and scientific temper among the students to transform them into life time learners and innovators?

◆ ***EDP cell*** – The Institute has an Entrepreneurial Development Cell. It conducts various activities to create awareness about entrepreneurship and to enhance the entrepreneurial skills among the students. The cell also conducts real time workshops where students get an opportunity to meet and interact with entrepreneurs and understand the real life problems. The students also get to discuss their business plans and make improvisations as per the recommendations given by the experts. The students are sent to the training programmes and competitions conducted by other Institutes.

◆ ***Research Committee*** - The students are motivated and guided through the Research Committee to participate in National and International conferences/seminars. Institute organizes national conference, workshops regularly.

◆ ***Project Guidance*** – This encourages students to come up with ideas to have real time analysis of the problems at their area of study. Institute pays personal attention to the internship of students. The concerned teacher acts as a mentor as well as link with the industry for internship projects for students.

It guides the students to develop model/framework/solutions for the real time problems faced by the system or industry.

2.3.5 What are the technologies and facilities available and used by the faculty for effective teaching?

✦ ***LCD*** - All the classrooms are equipped with LCD. Faculty members use power point presentations to make classroom teaching more effective.

✦ ***Audio Visual Aids*** - Audio Visual Aids are available in all the classrooms. Faculties are using video case studies, Movie clippings on management concepts, short films, and advertisements to explain certain topics more effectively.

✦ ***Wi-Fi*** – The campus is Wi-Fi enabled and has internet connectivity 24 hrs. The students and faculty members are using internet facility.

✦ ***Computer Labs*** – The institute have 5 computer labs with 60 computers in each lab.

- \* **TV** – Television is installed in the institute building. Channels like Business News are played during the working hours. This will help the students to update themselves on the issues.
- \* **NPTEL**: Various videos of different subjects from the eminent faculties of IITs are available for faculties as well as students.
- \* **Auditorium** – The institute has well equipped auditorium hall with 120 seat of capacity, which is fully air conditioned with latest audio video technology.

2.3.6 How are the students and faculty exposed to advanced level of knowledge and skills (blended learning, expert lectures, seminars, workshops etc.)?

**Students:**

- \* **Seminars** – students are encouraged to participate in the seminars, symposium and conferences conducted by other Institutes. The institute provides financial support to the students to attend such programme to enhance their knowledge base.
- \* **Workshops** – The Institute organizes workshops for the students on a regular basis in various aspects of their specialization subjects to provide advanced level of knowledge with recent developments in the concerned areas. For example the computer department organized a workshop on Android to enhance the knowledge base of the students in android. In addition to this the various centers for excellence organizes the workshops on personality development and skill development.
- \* **Guest Lectures** – The Institute invites the experts from industry to deliver the lectures on various on-going issues and current happenings in the computer & corporate world to provide real time information and knowledge to the students.
- \* **Webinars**- Institute registers various webinars for students on different topics.
- \* **Blended Learning** – In addition to chalk and talk method of teaching, the faculty members are using the IT enabled learning tools such as PPT, Video clippings , Audio system, online sources, communication lab and decision making games to expose the students for advanced knowledge and practical learning.

**Faculty:**

- \* To enhance the knowledge and skills of the faculty members, the Institute frequently organizes FDPs, MDPs, Workshops and training programmes on teaching pedagogy, general management and subject related topics. The Institute encourages and deposes the faculty members for seminars, conferences, workshops, FDPs and other developmental programmes organized by other Management Institutes and University of Pune to get exposure. Institute registers various webinars for faculty on different topics.

- 2.3.7 Detail (Process and the number of students benefited) on the academic, personal and psycho-social support and guidance services (Professional counseling /mentoring/academic advise) provided to students.

Institute has begun professional counseling, mentoring and academic advice to MCA and MBA students for their betterment and exposure to the global market.

**Process for Mentorship/Counseling:**

- Allocation of students among faculty members.
- Faculty maintains report of mentoring/counseling
- Action plan is prepared

Academic Counseling to Individual Student: Academic and career counseling of the students is done as per requirements. Even parents are informed about academic and career opportunities for their children.

◆ ***Counseling for further Studies:***

Counseling is done for higher studies available in India and Abroad.

◆ ***Career counseling:***

Various lectures are conducted by experts from professional organizations for the benefit of students in the areas of Counseling for career and Employability Skills Development. Information of job opportunities in different companies is provided by the Placement Cell of the institute.

◆ ***Counseling regarding Competitive Examinations:***

To create awareness and motivate students to pursue career in public services, guest lectures by MPSC/UPSC rank holders, Banking Personnel and Alumni currently placed in public sector are organized.

◆ ***Entrepreneurship Counseling:***

Institute has an Entrepreneurship cell which is helping in enhancing the leadership skills of the students by arranging various programmes for the students. We also conduct Entrepreneurship Development Programme regularly to motivate our students to become entrepreneur in future.

- 2.3.8 Provide details of innovative teaching approaches /models adopted by the faculty during the last four years? What are the efforts made by the Institute to encourage?

The various teaching –learning methods/pedagogies adopted in our Institute are:

✦ ***Project based Teaching:***

Respective faculty members give minor projects to group of students. This enables the students to blend both the theory and practical aspects of the organization. On the completion of the projects, the team has to present the same and the faculty

awards suitable marks/grades. This is considered for awarding the final internal marks.

✦ ***Lab based Teaching:***

The Institute has Language Lab which helps students to enhance their communication skills.

Institute also has Network Lab to get clear ideas of Networking equipment and its use.

The Institute also has five computer labs with internet facility. The students are taken to the lab by the faculty members to provide them real time information on subject.

✦ ***Experiential Learning:***

The students are sent on short-term assignments to various industries to have practical exposure to operations of the industries.

✦ ***Case study based Learning:***

Institute faculty members develop and discuss the cases in the classrooms for effective learning.

✦ ***Simulation Games:***

To give a real time experience of the business problems, simulation games are played in the classrooms. Students get a real feel of decision making, problem analysis and problem solving.

✦ ***Activity based Learning:***

Students are involved in various activities and management games related to the topics from the subject. Faculty members are demonstrating Excel applications while teaching some of the topics in web based application, web sites, C projects, C++ projects and events like brainwave. This helps them to improve their skill and they will be equipped with industry required proficiency.

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

The library is well-stocked with subject related books like, computer management, general management, personality development, books on competitive examinations, encyclopaedias, National and International Journals, Magazines, newspapers both English and vernacular language, CDs and research reports. The Institute also has digital library with access to journals through online data base like EBSCO and J-GATE. These resources are used in the following ways:

**a. Library Access/Hour:**

The in-charge faculty members introduce the library activities for the students for various websites access wherein students get in-depth of information and knowledge about subjects taught in the class room. Further, students are motivated to understand computer management, software engineering, java, DOT net technology, net-working, market, industry, trends through publications, newspapers, journals and other available.

**b. Library based Projects and Assignments:**

Students of MCA/MBA have project work as per the norms of University Pune. The project guides are allocated to the respective streams. Last few year's project reports on different subjects are available in the library. The students are required to refer to the resources available in the library.

**c. Library based Research Work:**

Student from computer and management specialization are using the library resources and get familiar to online information. They are instructed to carry out the fundamental and technical analysis.

The faculty members are extensively using the library for class preparation and for research purposes.

2.3.10 Does the Institute face any challenges in completing the curriculum with in the planned time frame and calendar? If yes, elaborate on the challenges encountered and the Institutional approaches to overcome these.

The Institute has not faced any major challenges in completing the curriculum within the planned time frame.

In case of slow learners, additional classes are arranged at convenient time other than regular time table. Expert lectures are also arranged for new technologies and advancements.

2.3.11 How does the Institute monitor and evaluate the quality of teaching learning?

IQAC collects feedback from students every semester and analysis is done and feedback report is given to faculty for improvement if needed.

Institute adopted academic audit system recently which is carried out by IQAC. IQAC regularly interacts with students and teachers to fill the gap in teaching – learning process.

## 2.4 TEACHER QUALITY

- 2.4.1 Provide the following details and elaborate on the strategies adopted by the institute 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	
D. Sc. / D. Lit.							
Ph.D.	2		3				5
M.Phil.					2		2
PG					9	4	13
Total							20

- 2.4.2 How does the Institute 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 Institute in this direction and the outcome during the last three years.

The institute provides excellent infrastructure and congenial environment for industry drawn professionals as well as academicians to explore research possibilities and eager to learn student base. It, therefore, attracts seasoned industrial professionals and academicians to work with the institute.

Institute motivates faculty for attending various workshops, seminars and FDP on recent IT topics and management trends. Faculty attended seminars on topics such as Android, SPSS, Java, .NET, Oracle and various management trends. Even research based workshops are attended by staff and organized by the institute.

### *Workshops organized by VIIT*

S. No.	Workshop details	Duration	Date
1	Object Oriented Analysis And Design using UML (IBM RSA)	2 days	28 <sup>th</sup> June 2010- 1 <sup>st</sup> July 2010
2	SPSS Workshop	2 days	16 <sup>th</sup> & 23 <sup>rd</sup> August 2011
3	SPSS Workshop	2 days	27 <sup>th</sup> & 28 <sup>th</sup> December 2012
4	Android Basics	1 day	12 <sup>th</sup> January 2013
6	PMI workshop	3 days	29 <sup>th</sup> to 31 <sup>st</sup> August 2013
5	Android Advanced	3 days	23 <sup>rd</sup> to 25 <sup>th</sup> January 2014
7	Entrepreneurship Development Program	2 days	14 <sup>th</sup> & 15 <sup>th</sup> March 2014
8	Research Methodology	1 day	22 <sup>nd</sup> March 2014

### Workshops Attended by Faculty

S. No.	Workshop details	Duration	Date	Venue
1	DBMS	10 days	13 <sup>th</sup> Dec 2010-23 <sup>rd</sup> Dec 2010	VPCOE Baramati
2	Oracle 11G	1days	9 <sup>th</sup> Feb 2012	Naralkar Institute Pune
3	Java	10 day	25 <sup>th</sup> Apr 2012- 5 <sup>th</sup> May 2012	ICMR, Pune
4	.Net Workshop	10 day	25 <sup>th</sup> Apr 2012- 5 <sup>th</sup> May 2012	ICMR, Pune
5	Getting Published: The Art and Science Of Writing Research Papers	1 day	4 <sup>th</sup> March 2011	Magarpatta Institute of Mgt. Pune
6	SPSS: Data Analysis	2 days	16 <sup>th</sup> and 23 <sup>rd</sup> Aug 2011	VIIT Baramati
7	Basics of Android Application Programming	1 day	12 <sup>th</sup> Jan 2013	VIIT Baramati
8	Writing Effective Conference Papers	2 days	18 <sup>th</sup> Feb 2012-19 <sup>th</sup> Feb 2012	VPCOE Baramati
9	Research Methodology	1 days	25 <sup>th</sup> June to 4 <sup>th</sup> July 2012	VPCOE Baramati
10	HCI Workshop	2 days	July 2010	
11	Publishing For Impact	1 day	24 <sup>th</sup> Feb 2012	Magarpatta Institute of Mgt. Pune

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

The institute motivates faculty members for attending various training programmes/ FDPs etc. motivational rewards may include financial assistance or special leaves for attending or organizing such a programs. Faculty members are given with complete freedom to express their ideas regarding various development programmes.

- 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/Bridge Course	1	-	-	-
Staff training conducted by the university/AICTE	2	-	-	2
Staff training conducted by other Institutes	15	10	10	1
Summer/winter schools, workshops, etc.	15	5	5	-

b) Faculty Training Programmes organized by the Institute to empower and enable the use of various tools and technology for improved teaching-learning

- ★ Teaching learning methods/approaches  
‘Teaching Pedagogies’ by Ms. Anupama Rahalkar
- ★ Handling new curriculum  
MCA: Three Days workshop on Android Application Development by Career-Mint for Mobile Computing.  
  
MBA: One Day workshop on MBA new curriculum organized by the institute.
- ★ Content/knowledge management  
Moodle is being implemented for content management.
- ★ Selection, development and use of enrichment materials  
ERP for academic administration, software for Mentoring is developed.  
Faculty training was conducted for the same.

Audio Visual Aids/multimedia: N.A.

- ★ Teaching learning material development, selection and use: Case study writing and solutions training

c) Percentage of faculty

- 1) invited as resource persons in Workshops / Seminars / Conferences organized by external professional agencies: 25%
- 2) participated in external Workshops / Seminars / Conferences recognized by national/ international professional bodies: 100%
- 3) presented papers in Workshops / Seminars / Conferences conducted or recognized by professional agencies: 80%

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

The Institute follows sound policy guidelines (Quality System Manual) to recharge the teachers in the following manner:

- a) Research grants in the form of seed money to undertake research projects.
- b) Individual faculty can avail research grant from the institute by submitting their proposal to the Director through research committee.
- c) The faculty are given OOD facilities for attending the examinations with respect to the M. Phil and Ph. D, Ph. D review meetings, BOS / BOE for other Universities, FDP, MDP, Seminars, National and International conferences, training programmes, visit to IIM, IISc library and British library for literature survey and so on.

d) The Institute has also sponsored the faculty members for the National and International conferences, FDPs, MDP, Seminars and workshops.

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 Institute culture and environment contributed to such performance/achievement of the faculty.

Nil.

Institute provides healthy learning environment, freedom, open culture, and free access to resources, financial assistance which will help to get such awards. Transparency among faculty and management is very well maintained.

2.4.6 Has the Institute 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 Institute has teachers' evaluation by the students. The HR department coordinates the feedback process. The committee is responsible for designing, reviewing and improving the feedback form. At the end of every semester, the feedback committee administers the complete process starting from student evaluation of the faculty to the analysis of the feedback. The analyzed feedback is handed over to the authority. The further analysis on feedback is prepared and communicated to the individual faculty member for further improvements. In addition to the above process, the authority also interacts directly with the students and collects first hand feedback and advises the faculty members for improvement.

The Institute identifies certain gaps between the students' expectations and the class room teaching. Students are free to communicate directly with authority by mailing system regarding any queries. Based on this feedback to cover gap, the following steps are taken:

- a) Training programmes were organized for the development of the faculty members.
- b) Faculty development programmes were also conducted regularly to upgrade the faculty knowledge.
- c) A group of management experts were called to interact with the faculty members and identify the areas for the improvement. Based on which training programmes are designed and organized.

## **2.5 EVALUATION PROCESS AND REFORMS**

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

The evaluation process of institute is aligned with the university evaluation process. The evaluation process is communicated to all the faculty members through staff meetings. The examination committee is taking care of the Internal Tests and University examination.

✦ ***Internal Tests:***

Internal assessment of the students is carried out as per the regulations and norms of the affiliating University. The examination committee prepares the schedule of the internal assessment test for the academic year. The schedule is circulated among the faculty members and the same is notified to the students on the notice board and the announcement is also made in the class rooms.

✦ ***Other criteria:***

Apart from examinations other evaluation criteria includes seminars, Group Discussions, case study and other activities.

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

All evaluation reforms of the University are adopted and effectively implemented as per the guidelines issued by the authority from time to time. Following initiatives are taken by the Institute for the improvement of evaluation process.

- 1) For student evaluation complete transparent system is set by the institute which is aligned with university norms. Evaluation criteria are set with common staff meetings and with approval of all experts with each subject.
- 2) A separate examination control room is set for better handling of the examination process and to preserve the evaluation documents.
- 3) One unit test and preliminary examination is conducted in each semester and its performance is accounted for Internal Performance Evaluation.
- 4) Internal subjects, projects and practicals are evaluated using rules and regulations of university.
- 5) University reforms are aligned with institute's evaluation criteria such as Attendance, Assignments, Presentations/oral, Group Discussions, Scrapbook, Unit Test, and Preliminary Examination.
- 6) Internal Evaluation results are displayed.

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

An examination committee comprising of faculty members and office staff was formed to conduct the examinations, to frame guidelines for the evaluation process and also to improve the quality in the process. The committee takes care of the effective implementation of any initiatives regarding the evaluation process. The committee meets regularly to monitor the proceedings with an objective of continuous improvement in quality. It works for proper execution of Examination process which includes schedule preparation, execution, invigilation duties, assessment and result analysis etc.

- 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.

The Institute adopts both formative and summative methods of evaluation. Formative approach to evaluation includes measuring the student's achievement through presentations, group discussions seminars and case studies. The evaluation through these approaches gives lot of information about students' achievement after teaching a particular unit. The concerned teacher may get some direction about the student and necessary steps regarding his/her improving can be pondered over.

The summative evaluation is done during tests. Even if some students don't perform well or clear the eligibility condition, then an extra chance is given to the student for his/her evaluation. All faculty members follow the formative approach to measure students' achievements & performance through:

- 1) Group Discussion
- 2) Unit Test
- 3) Presentations
- 4) Assignments
- 5) Minor Projects
- 6) Case study

For summative approach unit tests and prelim exams are conducted.

- 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 behavioural aspects, independent learning, communication skills etc.)

As per the University guidelines, 30 marks are allotted for internal marks, which are conducted by individual institute. Remaining 70 marks are evaluated by the University through theory exam for 50 marks and 20 marks for online multiple choice objective exam.

◆ ***Internal Test:***

Two internal exams are conducted in each semester.

Unit Test 30 Marks and Preliminary examination 70 Marks. Student performance is evaluated and converted to 10 marks from both the exams.

◆ ***Presentation and Assignment:***

Individual or group assignments /presentations/ projects / case studies are given to students. The faculty evaluates the students' communication skills, ability to work in the group, leadership skills and independent learning. Other factors considered for awarding marks are attitude, discipline and class participation.

◆ **Attendance:**

Five marks are allocated for attendance.

In the earlier academic years prior to implementation of CGPA the internal assessment was done on the basis of criteria such as Attendance, Unit test and Prelim.

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

The institute aspires students' sustainable development by systematic approach. It aims at overall development of students. The institute has specified the below attributes.

- 1) It aims at preparing the students for life and not for the immediate examinations.
- 2) It aims at the overall personality development of the students.
- 3) The institute intends to make the students employable.
- 4) The institute aims at creating responsible citizens for the country with social sensitivity.
- 5) The institute imparts social responsibilities, independent thinking process, maturity & teamwork in students.

The institute works for several years to ensure the attainment of these attributes through the faculty members. The faculty arranges workshops, seminars, guest lectures on the lines of the above mentioned attributes to sensitize students on the above attributes.

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

**Redressal of grievances at Institute level:** The Institute has grievance redressal cell. Committee analyses and offer solutions to the problems.

**Redressal of grievances at University level:**

There is a system and procedure in place at University level which takes care of the students and institute grievances with reference to evaluation.

## **2.6 STUDENT PERFORMANCE AND LEARNING OUTCOMES**

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

The institute has clearly stated learning outcomes. Some of the learning outcomes that institute aims to achieve are:

- a) Employability skills
- b) Intellectual capabilities
- c) Values and Character building
- d) Emotional maturity
- e) Social maturity
- f) Business acumen

- g) Professionalism
- h) Subject knowledge
- i) Skill set improvement by certifications

The learning outcomes are clearly reflected in our vision and mission statement. The learning outcomes are clearly made aware to the faculty members during the induction and through staff meetings. The learning outcomes are made aware to the students during the orientation programme, throughout the duration of the course by the faculty members and in any of the student related programme organized by the institute.

- 2.6.2 Enumerate on how the Institute 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.

Institute monitors students' performance on various basis. Major criteria for performance monitoring are their University Examination Results. Apart from this their skill set improvement, certifications and participation in other activities such as Research Paper Presentations, Management Competitions, Quizzes, Case-Study Competitions, Programming Skill Competitions etc. is monitored and students are encouraged.

Following chart shows students' academic progress in last four years.

***Semester-wise Results Analysis of Pune University MCA Examinations***

Batch Year : 2009-2012							
Semester	No of Students appeared	Students passed with Distinction	Students passed with I class	Students passed with II class	Total Students pass	Total Students failed	% Result
I	59	3	17	8	25	34	42.37
II	58	1	7	1	9	49	15.52
III	58	1	14	1	16	42	27.59
IV	58	2	20	3	25	33	43.10
V	57	3	32	7	42	15	73.68
VI	56	5	38	4	47	9	83.93

Batch Year : 2010-2013							
Semester	No of Students appeared	Students passed with Distinction	Students passed with I class	Students passed with II class	Total Students pass	Total Students failed	% Result
I	60	7	29	6	42	18	70.00
II	60	6	17	0	23	37	38.33
III	60	3	16	1	20	40	33.33
IV	59	3	27	7	37	22	62.71
V	58	1	34	2	37	21	62.71
VI	58	14	34	1	49	9	84.48

Batch Year : 2011-2014							
Semester	No of Students appeared	Students passed with Distinction	Students passed with I class	Students passed with II class	Total Students pass	Total Students failed	% Result
I	60	4	19	3	26	34	43.33
II	60	2	12	1	16	43	27.12
III	60	2	9	0	11	47	18.97
IV	58	2	11	3	16	42	27.59
V	58	2	15	13	30	28	51.72
VI	Appeared for final examination						

Batch Year : 2012-2015							
Semester	No of Students appeared	Students passed with Distinction	Students passed with I class	Students passed with II class	Total Students pass	Total Students failed	% Result
I	112	5	47	12	64	48	57.14
II	112	5	50	9	64	48	57.14
III	137	5	30	9	44	93	32.12
IV	133	Appeared for examination in May 2014					
V	Yet to appear for examination						
VI							

*Semester-wise Result Analysis of Pune University MBA Examinations*

Batch Year : 2010-2012							
Semester	No of Students appeared	Students passed with Distinction	Students passed with I class	Students passed with II class	Total Students pass	Total Students failed	% Result
I	60	2	10	12	24	36	40.00
II	60	0	2	8	10	50	16.44
III	55	0	14	23	37	18	67.28
IV	55	0	19	26	45	10	81.82

Batch Year : 2011-2013							
Semester	No of Students appeared	Students passed with Distinction	Students passed with I class	Students passed with II class	Total Students pass	Total Students failed	% Result
I	60	0	5	12	17	43	28.33
II	58	0	7	16	23	35	39.66
III	56	0	12	18	30	26	53.57
IV	56	0	15	32	47	9	83.93

Batch Year : 2012-2014							
Semester	No of Students appeared	Students passed with Distinction	Students passed with I class	Students passed with II class	Total Students pass	Total Students failed	% Result
I	60	1	6	8	15	45	25.00
II	60	0	10	26	36	24	60.00
III	60	1	16	27	43	17	70.49
IV	60	Appeared for final examination					

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

The delivery of the content of the programme is aimed at achieving the learning outcomes. All the staff is involved in creation of a learning environment. All students are valued equally during their learning journey with Institute. Accordingly, the curriculum, teaching-learning and assessment at institute are student centric.

The Institute has formulated academic committees to aim at enhancing the quality of learning, teaching and assessment across the Institute by providing academic leadership for the continued development of excellence in various practices.

- 1) Institute motivates students for participation in various Business Fests, Research Paper Presentations, Management Competitions, Quizzes, Case-Study Competitions, Programming Skill Competitions, etc.
- 2) Institute organizes 'Brainwaves' programming and Management competition for intercollegiate level.
- 3) Research skills for students are motivated by participation in various conferences and organization of National Conference at VIIT eITBM.

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

The institute has taken following initiatives to enhance the social and economic relevance of the course:

MCA and MBA students innovate new ideas during project work. Those ideas are implemented by the industry for their day-to-day affairs.

The institute has taken following initiatives to enhance the social and economic relevance of the course:

The institute and its faculties strive to cultivate entrepreneurial skills which in turn will create horizon of opportunities to hundreds of others. In this way, it will boost the economy

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

The Institute collects and analyses feedback in the following manner

- 1) **Faculty observation** – The faculty assess the students through their class participation and involvement in the institute activities.
- 2) **Mentoring** – Mentors notice important observations in students through mentoring processes and remedies are performed if major deviations are observed.
- 3) **Internal assessment through assignments** – Through various assignments the faculty is able to assess the achievement of the expected learning outcomes.
- 4) **Examination Result Analysis** – The committee is designated to do the result analysis of every student to see the academic progress of the student and feedback is given. This analysis is used for planning the pedagogy and lesson in the consecutive semesters.
- 5) **Employer feedback analysis** – The placement department collects feedback about the student performance in the industry during their initial period of employment. This information is analyzed to ascertain the industry readiness of the student. If any common deficiencies are noted in the students, training programmes are undertaken for the consecutive batches

2.6.6 How does the Institute monitor and ensure the achievement of learning outcomes?

The Institute has a clearly defined, set mechanism to monitor the learning outcomes. There are four major parameters which are identified to measure the learning outcomes. These include change in the following four areas of the students.

- Knowledge
- Skills
- Attitude
- Behaviour

All the processes of the academic initiatives have in built mechanisms to know whether the changes as enumerated above have actually been cultivated into the students.

2.6.7 Does the Institute 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.

- 1) Evaluation outcomes are indicators of student performance.
- 2) Mock interviews, aptitude tests are useful for students' placement process.
- 3) Students' performance during their projects and internships is evaluated by placement department as well as by teachers and it works as an indicator for upcoming batches of students.

### **CRITERION III: RESEARCH, CONSULTANCY AND 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?

The institution has a recognized research centre which is affiliated to University of Pune. Research centre approval no is CA 486 Dated: 13/7/2012

- 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.

The Institute has a research committee to monitor and address the issues of research.

This committee is composed of:

- 1) Dr. Amol Goje (Research Center Head, IT Expert)
- 2) Dr. R. R. Gaikwad (Marketing Management)
- 3) Dr. R.D. Chaudhari (Financial Management)
- 4) Dr. S. P. Joshi (HR Management)
- 5) Mr. P. N. Mohite (HR & General Management)
- 6) Mr. Sagar Nimbalkar (HR Management)
- 7) Mr. D. N. Bhavsar (IT Expert)

#### **Recommendations:**

- 1) Set up of multiple research labs like Network Lab, HPC Lab, etc.
- 2) Pre Ph.D. course work centre
- 3) Subscribe/renewal for online journals

#### **Implementation:**

- 1) Necessary hardware and software setup required for above-mentioned labs is procured and installed.
- 2) The admission of Ph.D. programme is in process. After the student allocation by affiliating university, pre Ph.D. Course work will be conducted.
- 3) Online journals subscription has been renewed.

#### **Impact:**

- 1) Steps are being taken to set up the necessary infrastructure for research labs.
- 2) Communication from affiliating university is awaited.
- 3) Subscriptions details are being made available.

3.1.3. What are the measures taken by the institution to facilitate smooth progress and implementation of research schemes/ projects?

◆ **autonomy to the principal investigator:**

There is complete autonomy to the principal investigator to pursue their respective research projects.

◆ **timely availability or release of resources :**

The researchers are provided with necessary tools and equipments as and when needed.

◆ **adequate infrastructure and human resources :**

Since, the institution has state of the art infrastructure necessary for research in multiple domain areas, the researchers are supported by needed infrastructure and human resource. For ex. Wi-Fi.

◆ **time-off, reduced teaching load, special leave etc. to teachers:**

The researchers immensely benefit with the academic support provided time to time also result in certain relaxations such as leave for research work etc.

◆ **support in terms of technology and information needs:**

Since, the institution is dedicated to Information Technology and Management the resources are readily available. These resources provide great support in terms of technological solutions and information database. For ex. Set up of necessary hardware and software needed for specific technology and management research.

◆ **facilitate timely auditing and submission of utilization certificate to the funding authorities:**

Adequate support is available.

3.1.4. What are the efforts made by the institution in developing scientific temper and research culture and aptitude among students?

- 1) The Institution organizes National Conference, Workshops. It encourages students to participate and contribute through research papers.
- 2) We have started International Research Journal bearing number ISSN Number 2278-6112. Where students contribute their research work.
- 3) We have set up Networking Research Lab.
- 4) We have Microsoft Campus Licenses.
- 5) MATLAB 2007 A has been setup

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.)

**Guiding Student Research:** All of the faculty members are involved in guiding the students for their internship research projects. Both MBA & MCA students are divided into groups and each group is guided by one faculty member.

**Leading Research Projects:** Our faculty members are involved into Individual/collaborative research activity:

Nature of the Project	Duration Year From To	Title of the project	Name of the funding agency	Total Grant		Total grant received till date
				Sancti oned	Recei ved	
Minor projects	2012-2014	A study of relationship between Socio-economic, Demographic & education background of IT Professional & their performance in the medium term	BCUD	140000	70000	70000
	2012-2014	A Study of Psychographics Segmentation Of Rural market for Consumer Durables Goods management	BCUD	135000	67500	67500
	2012-2014	AllindiaDoc.Com	BCUD	60000	30000	30000
	2012-2014	Academic grievance redressal application for different entities	BCUD	65000	32500	32500
	2012-2014	Enhancing Analytical and Logical Abilities by Improving the effect of Left Hemisphere Dominance (for the age group 8 to 14 year)	BCUD	110000	55000	55000
	2012-2014	A study of Impact of Workers training on Productivity & Quality Development of Engineering Large scale industries located in Baramati Industrial area of Western Maharashtra	BCUD	90000	45000	45000

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.

Activity	Academic Year			
	2010-11	2011-12	2012-13	2013-14
Training Programmes	Nil	Training on SPSS for staff	Training on SPSS For staff	Training of SPSS for staff of VIIT and other institutes

Sensitization* Programmes	Nil	Nil	Nil	Nil
Workshop	Faculty Consortium for The Art and Science of Writing Research Papers at Magarpatta	Nil	Nil	Workshop on Research Methodology

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

Sr. No.	Name of Faculty	Research Areas/Expertise
1	Dr. Amol Goje	Computer Applications
2	Dr. Anand Kharapas	Financial Management
3	Dr. Rupendra Gaikwad	Marketing Management
4	Dr. Rajendra Chaudhari	Financial Management
5	Dr. Sateeshchandra Joshi	HR Management
6	Mr. Popat Mohite	HR Management
7	Mr. Sagar Nimbalkar	HR Management/ Marketing
8	Mr. Yuvraj Nalwade	Financial Management
9	Mrs. Manisha Shelkande	Marketing Management
10	Mr. Sridhar G.	Computer Applications
11	Mr. Yogesh Raje	Computer Applications
12	Mrs. Rohini Gaikwad	Computer Applications
13	Mr. Dhananjay Bhavsar	Computer Applications
14	Mr. Ajit Adsul	Marketing/ Operations Management
15	Mr. Mayank Kothawade	Computer Applications
16	Mr. Ashfak Shaikh	Computer Applications
17	Ms. Mugdha Phadnis	Computer Applications
18	Ms. Prajakta Dhodapkar	Computer Applications
19	Mr. Santosh Parakh	Computer Applications
20	Mr. Mangesh Kamble	Marketing Management

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

- \* VIIT Research centre provides support and infrastructure to Industries and business houses in the vicinity of the institute.
- \* Every year institute organizes national conference named eITBM
- \* Institute also conducts workshop on Research Methodology.
- \* In addition, institute provides infrastructure utilities to research scholars and students(HPC lab, network lab, CUDA lab in process)
- \* Institute has built up Collaboration with Foreign Universities.

- 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?

The faculty members who are registered for Ph.D. get 10 days leave for research purpose. Also when they go for research presentations, attend seminar/ conference outside the institute are given paid leave.

- 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)

Usefulness of research to the community

- ★ Institute has Network Lab and HPC Lab which are open for all research scholars.
- ★ Baramati Kharedi Vikri Sangha software was developed and is operative.
- ★ FM Radio website was developed and hosted. It became instrumental in spreading knowledge base shared on matters such as agriculture, health, environment and education.
- ★ Other research projects of faculty members are ongoing. As and when they complete, they will try to implement their findings for the development of students and community.

### **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, Budget.

Total amount disbursed for purchase of equipments and foreign tour for research is ₹ 5,40,891/-

- 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?

Nil.

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

Nil.

- 3.2.4. How does the various departments/units/staff of the institute interact in undertaking inter-disciplinary research? Cite examples of successful endeavours and challenges faced in organizing interdisciplinary research.

The institute has two departments, viz. MCA and MBA, both are under Faculty of Management. Various research projects sponsored by Board of College and University Development, University of Pune, are ongoing in both the departments.

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

- Institute keeps the research lab open for extended hours so that researchers can complete their work.
- Institute uses video conferencing/webinar, Case studies/workshops, audio-visual facilities, instruments, library resources, etc.

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.

Sr. No.	Industry/Beneficiary Agency	Amount ₹
1	NVIDIA Graphics Pvt. Ltd. Pune	Equipments and books worth ₹1,28,986/-
2	NVIDIA Graphics Pvt. Ltd. Pune	Amount sanctioned in the FY 2013-14 ₹1,47,622/-

The above mentioned equipments/books donated by NVIDIA Graphics Pvt. Ltd. Pune for research/teaching CUDA on non-returnable basis.

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.

Institute motivates faculty members to get involved in research projects from different funding organizations

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	2012-2014	A study of relationship between Socio-economic, Demographic & education background of IT Professional & their performance in the medium term	BCUD	140000	70000	70000
	2012-2014	A Study of Psychographics Segmentation Of Rural market for Consumer Durables Goods management	BCUD	135000	67500	67500
	2012-2014	AllindiaDoc.Com	BCUD	60000	30000	30000
	2012-2014	Academic grievance redressal application	BCUD	65000	32500	32500

		for different entities				
	2012-2014	Enhancing Analytical and Logical Abilities by Improving the effect of Left Hemisphere Dominance (for the age group 8 to 14 year)	BCUD	110000	55000	55000
	2012-2014	A study of Impact of Workers training on Productivity & Quality Development of Engineering Large scale industries located in Baramati Industrial area of Western Maharashtra	BCUD	90000	45000	45000
Major projects	-	-	-	-	-	-
Interdisciplinary projects	-	-	-	-	-	-
Industry sponsored	-	-	-	-	-	-
Students' research projects	-	-	-	-	-	-
Any other (specify)	-	-	-	-	-	-

### 3.3 RESEARCH FACILITIES

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

- ✦ Library timing is very flexible so that students and research scholars can access it by their convenience
- ✦ All computer labs are provided with Wi-Fi so that research scholars and students can use internet facilities for their research work
- ✦ Research centre.
- ✦ Research Labs are being setup viz. Network Lab, Image Processing Lab, Hadoop and Big Data lab, Testing lab

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?

The institute has set up Network Lab. In addition to this, institute is in process of setting up few other labs like Image Processing Lab and High Performance Computing Lab.

- 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.

Our faculty members have received research projects sponsored by BCUD, University of Pune from the year 2013-14. Therefore, all the research projects are ongoing. Through the received grants, following instruments have been purchased for the development of research facilities at our institute:

Year	Instrument purchased	Quantity
2010-11	Voice Recorder	2
2011-12	NIL	
2012-13	NIL	
2013-14	1.Audio recorders	2
	2.Hard Disk Drive (1 TB)	1
	3.Tablet	1
	4.Pen Drives	4

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

Institute provides active support through Library and laboratory resources and research facilities to other institutions mentioned below:

- 1) Magarpatta Institute of Management and Technology, Pune
- 2) Vidya Pratishthan's, Polytechnic College, Indapur
- 3) Pune Zilla Shikshan Mandal, Pune.
- 4) Vidya Pratishthan's College of Engineering, Baramati

- 3.3.5. Provide details on the library/ information resource centre or any other facilities available specifically for the researchers?

**Library:**

No. of Titles	:	4893
No. of books	:	13160
No. of national journals	:	36
International journals	:	NIL
No. of online journals	:	3
No. of magazines	:	7
No. of CDs	:	1063

- 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.

Institute has set up following labs for collaborative research.

- 1) High Performance Computing Lab CUDA

### 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):

Nil.

- ◆ Original research contributing to product improvement:

Nil.

- ◆ Research studies or surveys benefiting the community or improving the services:

1. ***VIIT's Vasundhara Community Radio 90.4 MHz:*** Agriculture has been in mainstay of the Indian economy and over 70% of its population lives in rural areas. Timely availability of reliable information on climate, plant nutrients, production, seeds, fertilizers, new trends and water information is essential for farmers to cultivate land. All this information is broadcasted through ***VIIT's Vasundhara Community Radio*** for farmers of local area.

- ◆ Research inputs contributing to new initiatives and social development:

1. ***Mobile Computer Van:*** Most Indians live in rural areas and are still living with the curse of poverty and helplessness. Now-a-days, India is vibrant with innovative ideas in the field of usage of Information Technology and is keen to see that the fruit of this new technology brings happiness into their life. It changes the plight of millions, who are deprived of knowledge about the strength of science and information technology by reaching at their door steps.
2. ***Community Health Management System (SASHAKT Since 2010):*** The project conceptualized by four partners, aimed at empowering the health workers in the field, while improving their effectiveness in the field in screening and surveillance of their beneficiaries, thereby delivering improved care. Vidya Pratisthan Institute of Information Technology (VIIT) working along with public health domain consultants from Indian Institute of Public Health – Hyderabad (IIPH-Hyderabad) and local inputs from the State Health System Resource Center (SHSRC) of National Rural Health Mission (NRHM), Auxiliary Nursing and Midwifery (ANM), District Health Officer (DHO) built the open source based solution with relevant algorithms. VIIT along with the Zilla Parishad (the district council of elected representative) distributed Intel Atom based notebooks, used interns pursuing Masters of Social Work (MSW) to train and support the ANM on basic Information and Communication Technology and application training. All these efforts have resulted immensely useful for community in the vicinity of the institute.

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?

Title of the research journal : VIIT Research Journal (VIITRJ)  
 Frequency of publication : Biannual  
 ISSN No. : 2278-6112  
 Editorial board :  
 Publisher : Dr. A. C. Goje  
 Chief Editor : Dr. A. B. Kharpas  
 Editor : Mr. P. N. Mohite

3.4.3. Give details of publications by the faculty and students:

\* Publication per faculty

S. No.	Faculty Name	Event Name	ISSN/ISBN No.	Date	Title of publication
1.	Dr. Amol C. Goje	National conference on Data Mining 2013, Allana Institute Of Management Sciences, Pune	ISBN: 978-93-81361-26-7	2013	Identification of Leaf Using Shape Based Attributes and K-Mean Clustering
2	Ms. Rohini Gaikwad	GIT-2010	ISBN: 978-93-80043-89-0	February 2010	Fuzzy Logic Approach in Software Quality Metrics
		Utkarsh	ISBN: 978-93-5097-528-2	April 2013	"A New Era in database-NOSQL: Conceptual Review"
		International Journal OF Applied Research (Impact Factor: 0.8)	ISSN: 2249-555X Volume : 3 Issue : 7	July 2013	Clustering Algorithm With Reference To TANGARA
3	Mr. Yogesh Raje	e-IT 2011		October 2011	TUI- Unifying New Approach Interface Design
		RAITM 2012	ISSN: 0976-7754	February 2012	HCI- TUI
		INCON VII-2012		March 2012	Haptic Technology
		INCON VII-2012		March 2012	Impact of IT on Development of Rural Economy of India

S. No.	Faculty Name	Event Name	ISSN/ISBN No.	Date	Title of publication
4	Mr. Ajit Adsul	Entrepreneurship & Innovation: The New Age Mantra		February 2011	Vidya Pratishthan's Institute Of Information Technology- a role model of social entrepreneurship
		Cyber Literature: The International Online Journal	ISSN: 0972-0901 Volume 4 Issue 2	December 2011	Continuous Improvement through Six Sigma: A Case Study of Cummins Turbo Technologies
5	Ms. Mugdha Phadnis	SAMUDANTA 2010- 2nd National Research Conference		April 2010	Data Mining application: Customer churn Analysis for Mobile companies
		PIMSR National Research Conference 2010		September 2010	Improvement of customer services by Knowledge Management Techniques in Telecommunication Industry
		IES International Marketing conference 2011		January 2011	Data Mining: A Tool For Customer Retention In Telecommunication Industry
6	Ms. Prajakta D.	SAMUDANTA 2010- 2nd National Research Conference		April 2010	Data Mining application: Customer churn Analysis for Mobile companies
		PIMSR National Research Conference 2010		September 2010	Neural Network For Customization Of Customer Services For E-Commerce Sites
		PIMSR National Research Conference 2010		September 2010	Improvement of customer services by Knowledge Management Techniques in Telecommunication Industry
		IES International		January 2011	Data Mining: A Tool For Customer

S. No.	Faculty Name	Event Name	ISSN/ISBN No.	Date	Title of publication
		Marketing conference 2011			Retention In Telecommunication Industry
7	Mr. Santosh Parakh	ISM INCON 2011		March 2011	Scope of Online marketing in India
		ISM INCON 2011		March 2011	Knowledge Management System
		“Emerging Opportunities and Challenges Before Management in India”.		February 2011	Knowledge Management
		Advances in IT & Management		February 2011	Knowledge Management
		e-ITBM 2011		October 2011	A framework for understanding consumer’s view on internet banking adoption
		Contemporary Research in India: International Journal	ISSN: 2231-2137 Volume 1 Issue 3	September 2011	Understanding the consumers perceived characteristics of Internet banking adoption.
		Golden Research Thoughts : International Journal <b>Impact Factor = 1.2028</b>	ISSN: 2231-5063 Volume 2 Issue 3	September 2012	Information Security: Threats & Controls For Internet Banking
		Indian Stream Research Journal International Journal <b>Impact Factor = 0.2105</b>	ISSN: 2230 – 7850 Volume 3 Issue 3	April 2013	The study of consumer's perspective About internet banking: empirical evidence From western Maharashtra
		Golden Research Thoughts :	ISSN: 2230 – 7850 Volume 3 Issue 5	June 2013	Impact of cost control and cost reduction Techniques

S. No.	Faculty Name	Event Name	ISSN/ISBN No.	Date	Title of publication
		International Journal <b>Impact Factor = 1.2028</b>			on manufacturing sector
		Golden Research Thoughts : International Journal <b>Impact Factor = 1.2028</b>	ISSN: 2231-5063 Volume 3 Issue 2	August 2013	Case Study On Capital Budgeting With Special Reference To Walchand Nagar Industries LTD
		Tactful Management Research Journal <b>Impact Factor = 0.179</b>	ISSN: 2319-7943 Vol. 1 Issue. 12	September 2013	A model of GPS based vehicle information system: A new invention for vehicle control in India
		Indian Streams Research Journal <b>Impact Factor: 1.7604</b>	ISSN: 2230-5063  Volume : III Issue : X	November 2013	The Effect of Security-Privacy, Trust and Easiness towards Internet Banking Adoption in Western Maharashtra
8	Dr. Sateeshchandra Joshi	International Journal Research in Commerce and Management	ISSN: 0976-2183	December 2010	Texting Mania
		Neville Wadia Institute of Management Studies & Research, Pune	ISSN: 2230-9667	April 2011	Employee Engagement
		PDEA's Prof. Ramakrishna More Arts, Commerce & Science College	ISBN: 978-81-921739-0-0	August 2011	Global workforce-contemporary issues in HR
9	Mr. Yuvraj Nalwade	Indian Streams Research Journal	ISSN: 2230-7850 <b>Impact factor .2105</b>	November 2013	Impact of cost control and cost reduction techniques on manufacturing sector

S. No.	Faculty Name	Event Name	ISSN/ISBN No.	Date	Title of publication
		Golden Research Thoughts	ISSN: 2231-5063 <b>Impact factor 1.2018</b>	August 2013	Case study on capital budgeting with special reference to Walchand Nagar Industries Ltd.
		VIIT Research Journal	ISSN: 2278-6112	October 2011	World Economy Crises and Remedies
		India Vs. Bharat Bridging the Urban Rural Divide	ISBN: 978-81-908387-8-8	June 2012	Working Capital Management in the companies working for Rural India
10	Ms. Manisha Shelkande	National Conference		22 <sup>nd</sup> February 2013	An Analytical Study of FDI inflows and FDI policies of developing Nations.” In National Conference
		Advances in Management, Technology and Science	ISSN: 22497455-2012	March 2012	Challenges faced by SME’s
11	Dr. Rajendra Chaudhari	National Insurance Academy, Pune	'Bimaquest' ISSN: 0974-0791	July 2013	Perceptions of Health Insurance Policyholders and Non Policyholders'
		ASM Group of Institutes, Pune International Conference	ISBN: 978-93-5158-006-5	January 2014	'Progress of Health sector in the context of Indian Economy'
12	Dr. Rupendra Gaikwad	7 <sup>th</sup> CIMC on GRAMIN SAMRIDDHI: Growth Drivers for Sustainable Rural Development	ISBN: 978-93-81432-50-1	April 2014	Development of villages through Horticulture and Fruit Processing
		7 <sup>th</sup> CIMC on GRAMIN SAMRIDDHI: Growth Drivers for Sustainable Rural Development	ISBN: 978-93-81432-50-1	April 2014	OVOP: The way to self-reliant villages

S. No.	Faculty Name	Event Name	ISSN/ISBN No.	Date	Title of publication
13	Mr. Ashfak Shaikh	National conference on Data Mining 2013, Allana Institute Of Management Sciences, Pune	ISBN: 978-93-81361-26-7	2013	Identification of Leaf Using Shape Based Attributes and K-Mean Clustering
		National conference on Data Mining 2011, Allana Institute Of Management Sciences, Pune	ISBN: 978-93-82880-25-7	2011	Image Mining to Identify Characteristics of Leaf Using LAM (Leaf Attribute Miner)

- \* Number of papers published by faculty and students in peer reviewed journals (national / international)

Please refer above table of research publications.

- \* Number of publications listed in International Database (for E.g.: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)

Please refer above table of research publications.

- \* Monographs

Nil

- \* Chapter in Books

Nil

- \* Books Edited

Nil

- \* Books with ISBN/ISSN numbers with details of publishers

Nil

- \* Citation Index

Nil

- \* SNIP

Nil

- \* SJR

Nil

- \* Impact factor:

Please refer above table of research publications.

- \* h-index

Nil

#### 3.4.4. Provide details (if any) of

- \* research awards received by the faculty

a. Mr. Yogesh Raje

Winner in eITBM conference held by VIIT, 2011

- b. Dr. Sateeshchandra Joshi  
Best Research Paper in 6<sup>th</sup> HR Conference Held By CIBMRD, Nagpur  
Feb/March 2013
- c. Dr. Rupendra Gaikwad  
Best Research Paper in 7<sup>th</sup> CIMC Held By CIBMRD, Nagpur April 2014
- d. Mr. Mangesh Kamble  
Winner in eITBM conference held by VIIT, Baramati, October 2013
- e. Mr. Mayank Kothawade  
Runner-up in eITBM conference held by VIIT, Baramati, October 2013

- \* recognition received by the faculty from reputed professional bodies and agencies, nationally and internationally

Nil

- \* incentives given to faculty for receiving state, national and international recognitions for research contributions.

Institute bears registration fee/TA/DA for participation and presentation of research papers in state, national, international conference/seminar.

### 3.5 CONSULTANCY

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

At the institute level, institute has constituted a committee for institute-industry interface. This committee interacts with the local industries and provided need-based training modules to the industries in the vicinity of institute.

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

The policy of the institution to promote consultancy is that all the staff members are free to render consultancy services in the area of their expertise.

The Institute-Industry Interface Cell approaches the industries in the vicinity through emails and letters providing information about the panel of experts available for conducting need-based training sessions. In this way, the expertise of the institution is advocated and publicized.

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

The institute provides special leave, transportation facilities and infrastructure to conduct consultancy services.

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

***Consultancy:***

- 1) Working as a consultant for several co-operative sectors since last five years.
- 2) Government of Rajasthan, Chhattisgarh, Kerala, Sikkim, Haryana for Setting up Mobile Computer Van
- 3) Consultant for Datta Meghe College of Engineering, Nagpur.
- 4) Member of Planning Commission, Rural Development, Government of India.
- 5) Member of IGNOU Community Radio \*
- 6) Technical Consultant for Intel India and Microsoft.
- 7) Member of the Advisory Committee - IT task force Govt. of Maharashtra
- 8) Technical Consultant Ministry of Information and Technology (Common Service Centre).
- 9) Technical Consultant Microline India Pvt. Ltd., Pune.
- 10) Technical Consultant for IT education, Zilla Parishad, Pune.
- 11) Consultant in Maharashtra for Professional Education with leading newspaper 'Sakal'.

***Software Development:***

- 1) Village Information Database Management System
- 2) ERP system for College Administration (Web Based)
- 3) Library System using Bar Code Technology
- 4) Development of SMART CARD based solution for Rural Market / Milk Co-operatives
- 5) FM Radio System for Information Dissemination for Rural Area

***Research Projects:***

- 1) Maha-agri SMS
- 2) World Bank Project
  - e-Education
  - e-Commerce
- 3) Baramati Agro Sugar Factory Computerization
- 4) Someshwar Sugar Factory Computerization

- 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?

- ◆ YASHADA – ZP training
- ◆ ZP – Engineers training
- ◆ Corporate trainings – ISMT, Baramati

### 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?

- 1) Conducting regular Blood Donation camps in Baramati for Baramati Blood Bank.
- 2) The institute's students involve actively in the following social awareness programmes – Street Play (*Beti Bachao Mohim*), Water Conservation, Draught relief management, health, education, Child labour, malnutrition awareness, etc.
- 3) Environment Forum of India, Baramati (NGO): Institute's students voluntarily participate in the various programmes organized by Environmental Forum of India on regular basis.
- 4) Tree plantation by students.
- 5) Traffic Rules and Safety awareness programme was conducted by RTO, Baramati in association with VIIT's Vasundhara Community Radio for the students.

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

Institute tracks students' involvement through circulation of notices for different activities/events, attendance record, snaps of the event, post-event report generated by students and certificate of participation issued by the concerned institutions. The activities/events are mentioned in 3.6.1.

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

Institute takes feedback from parents, employers of students, alumni, industry partners, faculty members also from research scholars who are visiting to college for conference

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

Not Applicable

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?

Not Applicable.

- 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?

#### **SOCIETAL PROJECTS:**

- 1) VIIT's Vasundhara Community Radio 90.4 MHz is used for reaching out to under-privileged and vulnerable sections of society.
  - 2) Computers on Wheels for empowering students from under privileged areas in the vicinity of the institute.
- 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.

- i. Entrepreneurship Development Programme (EDP):** Institute conducts EDP every year to motivate students for entrepreneurship. In this programme, institute invites the successful entrepreneurs to guide and share their success stories and struggle. The experts are invited from government institutions like Maharashtra Center for Entrepreneurship Development (MCED) to guide students about government schemes.
- ii. Industrial Visit:** Institute organizes industrial visits for students every semester in nearby industrial areas as well as out of state. Through such industrial visits, students understand the actual operations of the organizations.
- iii. Computer Society of India (CSI):** Institute started Computer Society of India's student chapter with 130 members. Various activities are conducted to cultivate skill sets required for IT industry.
- iv. Industry Institute Interaction (III):** To enhance interaction of our institute with the industry, institute invites industry professionals for delivering guest lectures regularly. Students also approach industries to pursue their projects. Industry professionals offer mentorship programme for the students who approach them.

- 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?

Please refer 3.4.1

- 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.

- 1) *Magarpatta Institute of Management and Technology*, Magarpatta City, Hadapsar, Pune, Maharashtra 411028
- 2) *Vidya Pratishthan's, Polytechnic College*, Vidyanagari, Indapur - 413 106 Dist. Pune.
- 3) Shivnagar Vidya Prasarak Mandal's Institute of Management, Malegaon (Bk), Baramati
- 4) Dattakala Group of Institute, Bhigwan, Pune
- 5) Anekant Institute of Management Science, Baramati

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.

Nil.

### 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.

Institute organized faculty consortium for research work in collaboration with Magarpatta City Institute of Management and Technology, Pune with Association of MBA/MMS Management Institutes. Faculty members were benefitted especially in writing quality research papers.

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.

Event	Collaborative Arrangement (Yes/ No)	Name of the Collaborations
Academic MoUs	YES	1. Georgia State University, Georgia, USA 2. Vistula University, Warsaw, Poland 3. NVIDIA
Industrial Visits	YES	1. Piaggio Vehicles Pvt. Ltd. ,Baramati 2. Garware Wallropes Ltd., Wai 3. Walchandnagar Industries Ltd. Walchandnagar. 4. Volkswagen (I) Pvt. Ltd., Pune 5. RBI, Pune
Student Projects	YES	1. Intel Corp., India 2. Microsoft , Bangalore 3. Microline, Pune 4. Vidya Online (VOL) 5. E-bizz Online, Pune. 6. Walchandnagar Industries Ltd. Walchandnagar. 7. BILT Graphic Paper Products Ltd., Bhigwan, Pune 8. Spintex Industries Ltd, Baramati 9. Schreiber Dynamix Ltd. Baramati 10. Axis Bank, Baramati
Student training	YES	1. IBM, Bangalore. 2. PMI, Pune Chapter 3. Career-mint, Delhi

Faculty Consultation	YES	1. Technical Consultant for Intel India
		2. Technical Consultant for Microsoft
		3. Technical Consultant for Ministry of Information Technology, GOI, India.
		4. Technical Consultant for Indian Society for Agricultural Professionals (ISAP), New Delhi.
		5. Indian Seamless Metal Tubes Ltd., Baramati
Seminars/ Expert Lectures	YES	6. Zilla Parishad, Pune
		7. Yashwantrao Chavan Academy of Development Administration (YASHADA), Pune
		1. Persistent Systems Ltd, Pune.
		2. IBM India, Bangalore
		3. Datamation, Pune.
		4. LDRP, Institute of Technology and Research, Gandhinagar, Gujrat.
		5. S.V. Institute of Computer Studies, S. V. Campus, Kadi, Gujrat.
		6. Piaggio Vehicles Pvt. Ltd., Baramati
7. Rashtriya Chemicals & Fertilizers Ltd, Alibag		
		8. Atlas Copco Ltd., Pune

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.

Nil.

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.

Please refer 1.1.4

**Conference Details:**

S. No.	Name of the Conference	Year
1	Emerging Trends in IT and Business Management (eITBM) -2010	2010
2	Emerging Trends in IT and Business Management (eITBM) -2011	2011
3	Emerging Trends in IT and Business Management (eITBM) -2012	2012
4	Emerging Trends in IT and Business Management (eITBM) -2013	2013

- 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

Following two MoUs were formally established:

- 1) Georgia State University, Atlanta, Georgia, USA
- 2) Vistula University, Stoklosy 3, Warsaw, Poland

Following agreement was formally entered:

Microline, Pune

These corporate arrangements immensely help in following respect.

- a) Curriculum development/enrichment
- b) Internship/ On-the-job training: In process
- c) Summer placement: Nil
- d) Faculty exchange and professional development: In process
- e) Research: In process
- f) Consultancy: Nil
- g) Extension: Nil
- h) Publication: Nil
- i) Student Placement: 10
- j) Twinning programmes: Nil
- k) Introduction of new courses: No
- l) Student exchange: In process
- 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.

The institute has collective leadership and hence, various committees within the institute come out with initiatives that help the institution plan, establish and implement various collaborations and arrangements for the benefit of its faculties as well as students.

The initiatives have been successful and have resulted into the collaborations as mentioned below:

Following two MoUs were formally established:

- i. Georgia State University, Atlanta, Georgia, USA.
- ii. Vistula University, Stoklosy 3, Warsaw, Poland

Following agreement was formally entered:

Microline, Pune

Such efforts are ongoing.

***Consultancy:***

- 1) Working as a consultant for several co-operative sectors since last five years.
- 2) Government of Rajasthan, Chhattisgarh, Kerala, Sikkim, Haryana for Setting up Mobile Computer Van
- 3) Consultant for Datta Meghe College of Engineering, Nagpur.
- 4) Member of Planning Commission, Rural Development, Government of India.
- 5) Member of IGNOU Community Radio \*
- 6) Technical Consultant for Intel India and Microsoft.
- 7) Member of the Advisory Committee - IT task force Govt. of Maharashtra
- 8) Technical Consultant Ministry of Information and Technology (Common Service Centre).
- 9) Technical Consultant Microline India Pvt. Ltd., Pune.
- 10) Technical Consultant for IT education, Zilla Parishad, Pune.
- 11) Consultant in Maharashtra for Professional Education with leading newspaper 'Sakal'.

***Software Development:***

- 1) Village Information Database Management System
- 2) ERP system for College Administration (Web Based)
- 3) Library System using Bar Code Technology
- 4) Development of SMART CARD based solution for Rural Market / Milk Co-operatives
- 5) FM Radio System for Information Dissemination for Rural Area

***Research Projects:***

- 1) Maha-agri SMS
- 2) World Bank Project
  - e-Education
  - e-Commerce
- 3) Baramati Agro Sugar Factory Computerization
- 4) Someshwar Sugar Factory Computerization

## 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 institution sticks to the norms laid down by regulatory authorities for creation and enhancement of infrastructure. The Institute has various Academic committees. They look after requirements or needs to facilitate effective teaching and learning. These committee's observations are discussed collectively in the faculty meetings on regular basis and the gist of the meetings are conveyed to the Management through Director, for approval.

4.1.2. Detail the facilities available for

a) 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.

#### *Classrooms:*

No. of Classrooms	Area in Sq. M	Available facilities in each classroom
C-4 to C-8, Total: 5	168	Desk with 80 seating capacity 10x5 green board 4 fans, 8 tubes Podium CCTV camera 1 HD Projector
C-9 to C-13, Total: 5	168	60 cushion chair with writing pads 10x5 green board 4 fans, 8 tubes Podium CC TV camera 1 HD Projector

***Tutorial / Seminar Halls:***

<b>No. of Rooms</b>	<b>Area in Sq. M</b>	<b>Available facilities in each classroom</b>
C-1 to C-3, Total: 3	168	Desk with 80 seating capacity 10x5 green board 4 fans, 8 tubes Podium CCTV camera 1 HD Projector
Auditorium	120 seating capacity	HD projector, UPS for power supply Wi-Fi internet connection , CCTV Cameras Dolby Surround Sound System Centralized AC
Conference Hall	20 Seating Capacity	HD projector, Collapsible Projector Screen UPS for power supply CCTV Camera 2 Split AC

***Computer Laboratories:***

<b>No. of Labs</b>	<b>Area in Sq. M</b>	<b>Available facilities in each classroom</b>
LAB-1 to LAB-5, Total: 5	121	Fully Furnished swivel chairs with 60 seating capacity 10x5 White board 4 Cassette ACs Dias 2 CCTV cameras 1 LCD Projector 2 Switches 1 Wi-Fi Access Point Racks / Cupboards to keep bags, outside the lab

***Following facilities are also available***

Language Lab  
Network Lab  
Image Processing Lab  
HPC Lab  
Research centre  
Placement room  
Entrepreneurship Development room  
Grievance Cell room  
Rest rooms (Student Common room)  
Sick Room  
Strong room

***Specialized Facilities:***

The entire campus has Wi-Fi Facility.  
The institute also has residential facilities for staff inside the campus.  
Extended library reading hours during examination period.

Faculty rooms: One in each floor I, II, III and IV.

***Research Lab:***

One Wi-Fi enabled Research Lab with 1 Server for High Performance Computing and Image Processing with 168 sq. m. area.

- b) Extra –curricular activities – sports, outdoor and indoor games, gymnasium, auditorium, NSS, NCC, cultural activities, Public speaking, communication skills development, yoga, health and hygiene etc.

***Sports:***

Sports equipments for Cricket, Volleyball, Badminton, Throw ball, Chess, Carom are available in our campus.

***Outdoor games:***

Sports facilities for Cricket, Volleyball and Throw ball are available in the respective grounds in the campus.

***Indoor games:***

Indoor games facilities are available in the campus for the sports like Badminton, Chess and Carom.

***Gymnasium:***

Centralized Gymnasium is available separately for boys and girls in the campus with all fitness equipments.

**Auditoriums:**

Auditorium	120 seating capacity	HD projector, Ups for power supply Wi-Fi internet connection , CCTV Cameras Dolby Surround Sound System Centralized AC
GA.DI.MA Central Auditorium Facility for Campus	2000 Seating Capacity	HD projectors, LED Screen, Ups for power supply Wi-Fi internet connection , CCTV Cameras Dolby Surround Sound System Centralized AC

**Public speaking, communication skills development, yoga:**

A specialized Soft Skill Trainer is available to impart training in these skills for the student development. The inputs for soft skills are regularly provided to the students in the campus on ongoing basis.

**Health and Hygiene:**

Every year medical check-up for student and staff are conducted after admission process is over.

Once in every three months, the entire campus is sprayed with insecticide.

- 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 (Enclose the Master Plan of the Institution / campus and indicate the existing physical infrastructure and the future planned expansions if any).

The current structure of the institute is developed in the year 2008. The amount spent in the last 4 years at various heads are listed below:

**MCA Programme:**

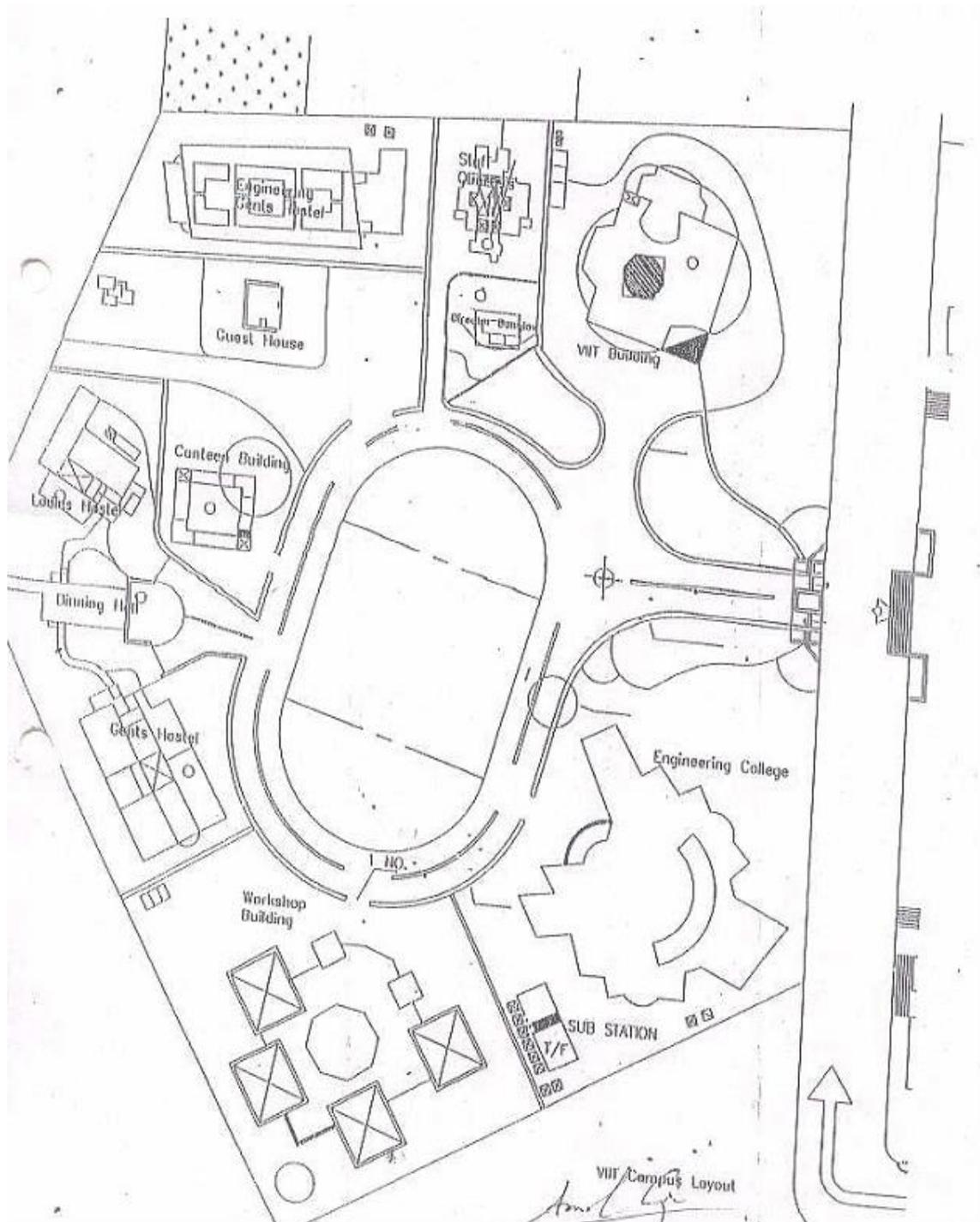
S. No.	Facility	Amount Spent in ₹			
		2010-11	2011-12	2012-13	2013-14
1.	Library	4,66,865	2,47,189	2,98,977	1,92,085
2.	Computer Lab	41,575	3,64,363	3,71,501	41,204
3.	Research	86,285	1,91,584	1,79,830	2,03,033
4.	Infrastructure	4,53,794	10,28,597	2,42,529	30,81,385
5.	Extra-Curricular	62,744	31,579	1,45,125	24,955

**MBA Programme:**

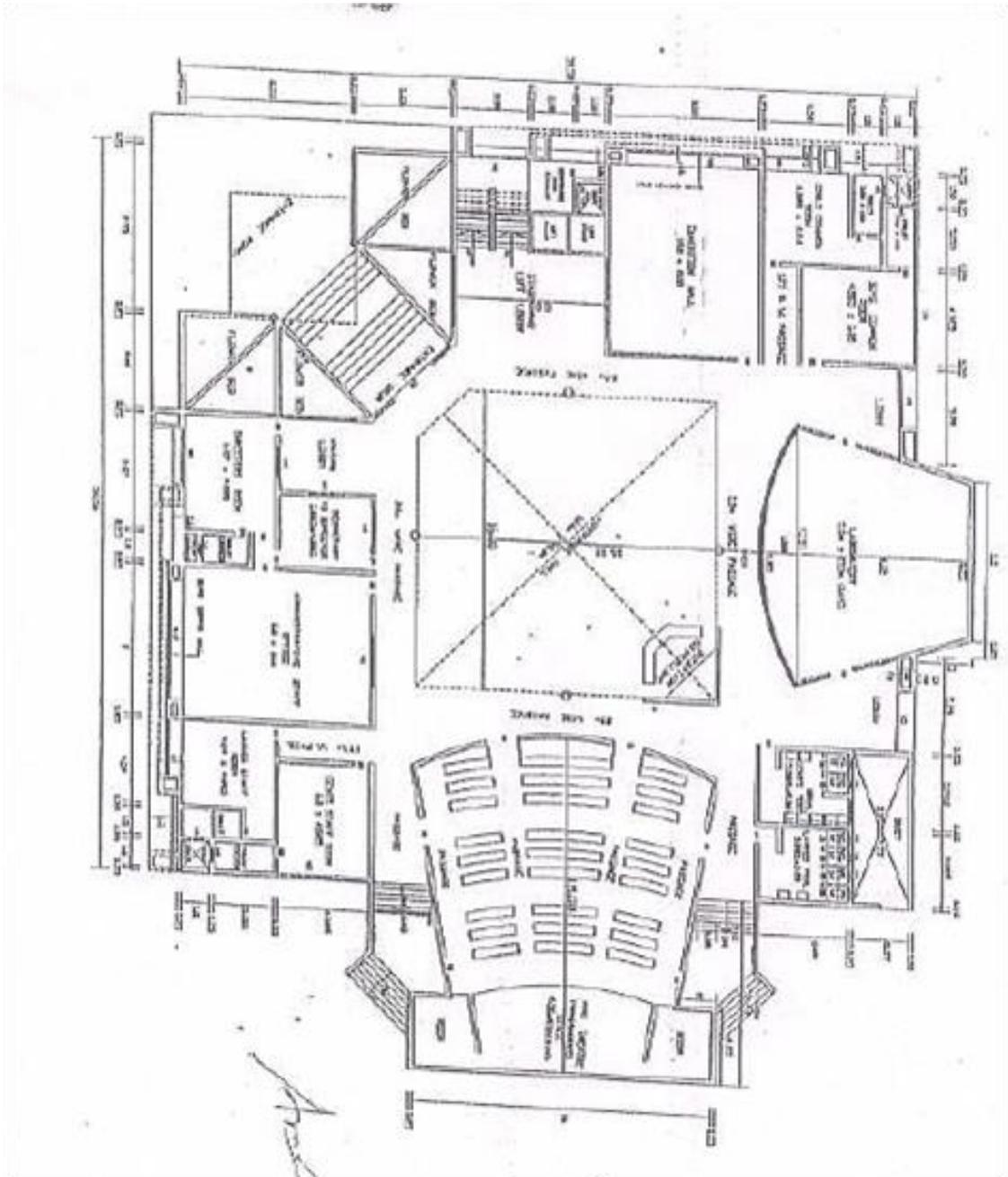
S. No.	Facility	Amount Spent in ₹			
		2010-11	2011-12	2012-13	2013-14
1.	Library	2,86,662	2,37,640	2,80,768	1,79,024
2.	Computer Lab	47,058	-	-	27,100
3.	Research	29,436	61,444	39,024	5,190
4.	Infrastructure	3,27,663	33,000	-	1,23,150
5.	Extra-Curricular	59,366	5,000	72,563	9,784

Utilization of the Building infrastructure is depicted by the floor-wise plan of the institution.

**Master Plan:**

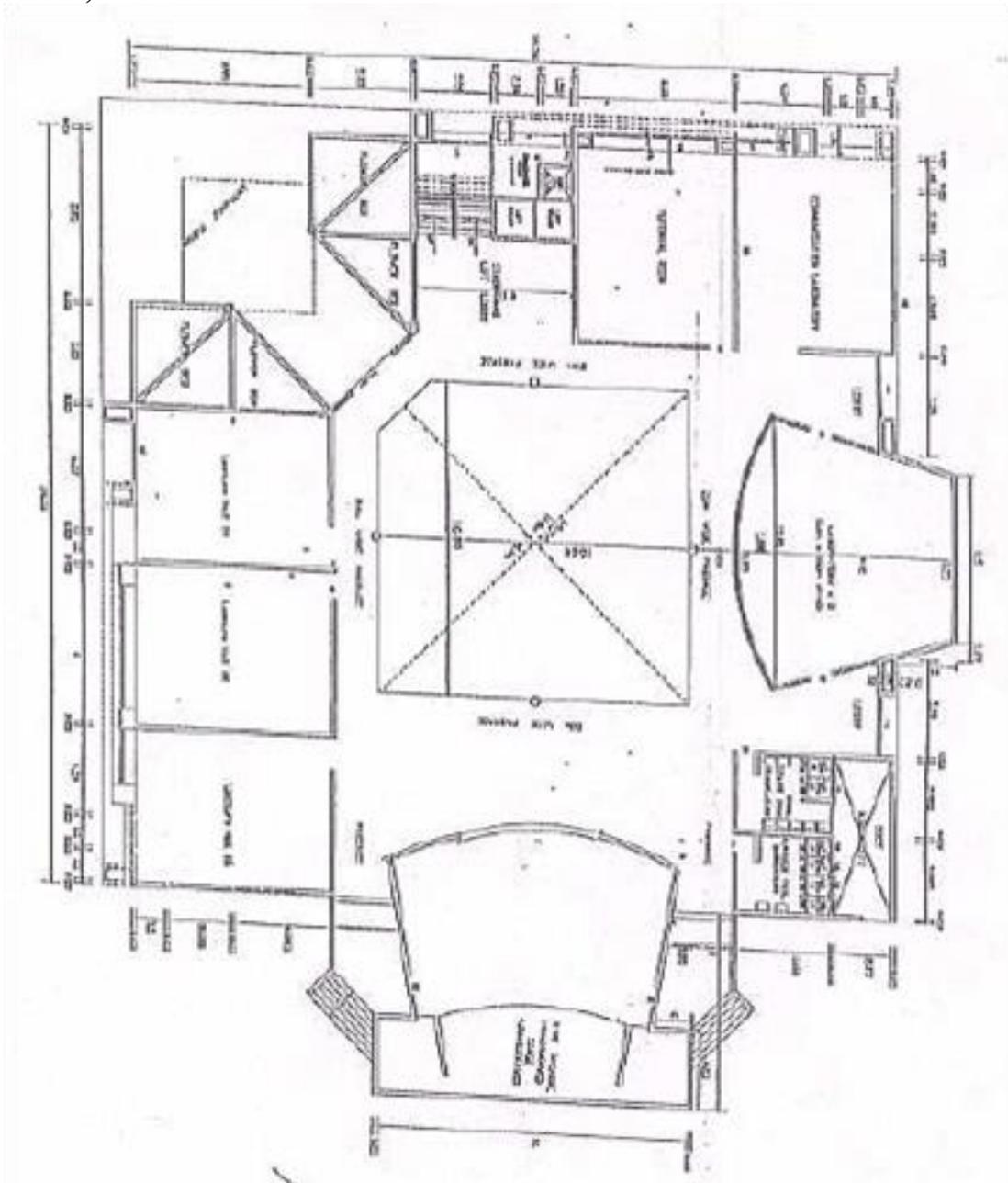


**Ground Floor:**





*Second, Third and Fourth Floor:*



4.1.4. How does the institution ensure that the infrastructure facilities meet the requirements of students with physical disabilities?

Students with physical disabilities are keenly taken care by the institute by providing dedicated entrance with a ramp for Wheelchair, with proper navigation guides and an elevator with power backup.

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

★ ***Hostel Facility – Accommodation available***

	<b>Boys Hostel</b>	<b>Girls Hostel</b>
<b>Number of Hostels</b>	1	2
<b>Number of Occupancy / beds</b>	100	100

★ ***Recreational facilities, gymnasium, yoga centre, etc.***

Centralized facilities are shared.

★ ***Computer facility including access to internet in hostel***

All the hostels are equipped with Wi-Fi for internet connectivity.

★ ***Facilities for medical emergencies***

The institute has tie-up with the Government Hospital adjacent to the campus.

★ ***Library facility in the hostels***

Hostels are in the close vicinity of the institute and therefore library facilities are easily accessible.

★ ***Internet and Wi-Fi facility***

The entire campus is Wi-Fi enabled with multiple access points.

★ ***Recreational facility-common room with audio-visual equipments***

Separate Boys and girls common rooms are available.

★ ***Available residential facility for the staff and occupancy***

On campus residential facility is available for the staff. The accommodation is available need based.

★ ***Constant supply of safe drinking water***

Potable water points are available.

### ★ *Security*

The entire campus has 24x7 security.

- 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?

A first aid box is kept in the rest room. The campus has an ambulance for the service whenever the situation demands. Group insurance is available for the staff. The fees paid by the student include group insurance scheme under University of Pune, Pune.

- 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, Counselling and Career Guidance, Placement Unit, Health Centre, Canteen, recreational spaces for staff and students, safe drinking water facility, auditorium, etc.

#### ***Shared Common Facilities:***

<b>S. No.</b>	<b>Facility</b>
1	Ga. Di. Ma – Auditorium
2	Gymnasium
3	Cricket Ground
4	Indoor Court for Badminton
5	Security
6	Canteen / Mess
7	Volleyball Ground
8	Basketball Ground
9	Tennis Court

For additional information please refer 4.1.2

## **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?

Institute has Library Committee. The purpose of the committee is to ensure that the library is well equipped with latest stock of books meeting the syllabus requirements as well as the current trends. Along with the textbooks and reference books, the committee recommends various journals and magazines for the student and staff development.

The library’s Advisory Committee comprises of Director, Librarian, Faculty Members and Student members of each department. The Committee is very active and conducts regular meetings for smooth functioning of the library. Following are the members:

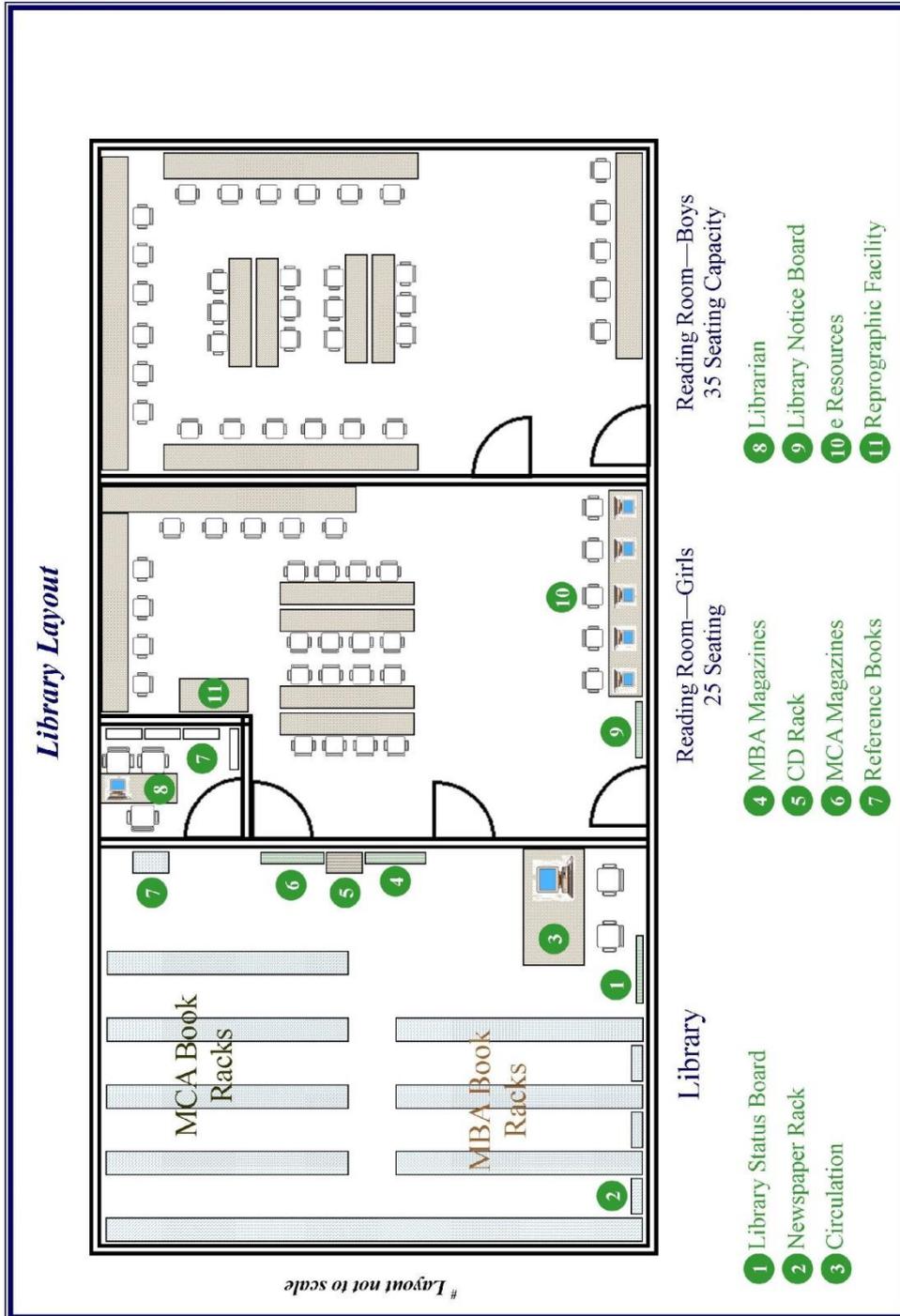
S. No.	Name	Designation	Role in Committee
1	Dr. Amol Goje	Director	Chairman
2	Mrs. Pramila Zimbre	Asst. Librarian	Secretary
3	Dr. Rupendra Gaikwad	Associate Professor	Member
4	Dr. Sateeshchandra Joshi	Associate Professor	Member
5	Mr. Ashfak Shaikh	Assistant Professor	Member
6	Ms. Prajakta Dhodapkar	Assistant Professor	Member
7	Ms. Kalpana Nagthane	Programmer	Member
8	Mr. Vikram Bhagat	MBA Student	Member
9	Ms. Pallavi Janjire	MCA Student	Member

4.2.2. Provide details of the following:

- ✦ Total area of the library (in Sq. Mts.) : **240 Sq. M.**
- ✦ Total seating capacity : **65**
- ✦ Working hours (on working days, on holidays, before examination days, during examination days, during vacation)

1	Working Days	09:30 AM to 05:30 PM
2	Examination Days	09:30 AM to 12:00 AM
3	Vacation Days	09:30 AM to 05:30 PM

- ✦ Layout of the library (individual reading carrels, lounge area for browsing and relaxed reading, IT zone for accessing e-resources)



- 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.

Faculty and committee members recommend new books/Journals/e-Resources which are available in the market as well as prescribed by the syllabus, and then it is processed by the librarian for purchase.

Library holdings	2010 - 11		2011 - 12		2012 - 13		2013 - 14	
	Number	Total Cost						
Textbooks	2521	7,21,646	1510	3,50,638	1973	5,65,130	1053	3,48,844
Reference Books	20	13,800	02	1,065	-	-	10	10,197
Journals/Periodicals	72	1,96,871	52	1,20,235	22	24,100	14	2,87,680
e-resources	1	86,000	1	1,02,805	3	4,49,356	3	5,40,953
Humanity Books	-	-	6	2,050	48	8,141	14	1,930
Total Cost		10,18,317		5,76,793		10,22,627		11,89,604

- 4.2.4. Provide details on the ICT and other tools deployed to provide maximum access to the library collection?

◆ Online Public Access Catalogue (OPAC)

Institute has developed its own OPAC which helps to locate the materials available at library.

◆ Electronic Resource Management package for e-journals

Library has subscribed for IEEE, PROQUEST and J-GATE and have access of more than 10000+ e-journals for student and staff.

◆ Federated searching tools to search articles in multiple databases

Nil.

◆ Library Website

The institute's website [www.viitindia.org](http://www.viitindia.org), under the library menu, provides links to access e-journals such as IEEE, J-GATE and PROQUEST within the institute.

◆ In-house/remote access to e-publications

Subscribed e-journals like IEEE, PROQUEST and J-GATE are accessible.

◆ Library automation

Own library management software "VIIT-Library System" has been developed.

- ◆ Total number of computers for public access

5 Desktops

- ◆ Total numbers of printers for public access

1 Printer

- ◆ Internet band width/ speed

10 mbps

- ◆ Institutional Repository

Institute keeps record of library materials and college related information in servers. It contains Project Reports, Photographs, Prospectus, Journals and other information.

- ◆ Content management system for e-learning

Library has Computer Based Training (CBTs) for students to facilitate e-Learning.

- ◆ Participation in Resource sharing networks/consortia (like Inlib net)

Library resources are shared to and from the Vidya Pratishthan's Central Library, Vidya Pratishthan's College of Engineering's Library and Magarpatta City Institute of Management, Pune's library.

#### 4.2.5. Provide details on the following items:

- \* Average number of walk-ins

40 to 60 per day

- \* Average number of books issued/returned

60 to 70 per day

- \* Ratio of library books to students enrolled

Books: Students = 32:1

- \* Average number of books added during last three years

1000 books per year.

- \* Average number of login to OPAC

40 per day

- ✱ Average number of login to e-resources

15 per day

- ✱ Average number of e-resources downloaded/printed

12 per day

- ✱ Number of information literacy trainings organized

2

- ✱ Details of “weeding out” of books and other materials

Out dated, mutilated books and other materials are scrapped.

#### 4.2.6. Give details of the specialized services provided by the library

- ✱ Manuscripts

Library maintains all students’ projects for reference purpose.

- ✱ Reference

Library has separate reference section. In addition to this faculty and students can refer books from Vidya Pratishthan’s Central Library, Vidya Pratishthan’s College of Engineering’s Library and Magarpatta City Institute of Management, Pune’s library.

- ✱ Reprography

Institute’s Library provides reprography facility to students, faculty members and all library users. Printer, scanner, and photocopy machine is available for the same in the library.

- ✱ ILL (Inter Library Loan Service)

Institute has inter library borrowing facility with Campus libraries, like Vidya Pratishthan’s Arts Science and Commerce College, Vidya Pratishthan’s College of Engineering and Magarpatta City Institute of Management, Pune’s library.

- ✱ Information deployment and notification

Library takes care to convey the information about latest acquisitions to faculty members and students by displaying the books or book jackets on the display board in library. A separate list of latest acquisitions is prepared and sent to all Course-In-charges who convey the information to faculty members and students. Latest book catalogues received from various publications are also sent to each department to

make them aware about current titles, new editions etc. Library also disseminates the information through e-mails.

★ Download and Printing

Institute's Library provides downloading and printing facility to students, faculty members and all library users in a separate internet lab attached to the library. For this purpose, library has a printer and a scanner.

★ Reading list/ Bibliography compilation

At institute's library, reading list is made available at Circulation Counter. Books are arranged according to Divide Decimal Classification (DDC), 22<sup>nd</sup> ed.

★ In-house/remote access to e-resources

Institute's library provides access to e-journal database like EBSCO, PROQUEST, J-GATE, IEEE, OPAC and also some open access e-journals and e-books through a link on institute's website through library link.

★ User Orientation and awareness

Library organizes training programs for the faculty members like

- ✦ Optimum use of EBSCO, PROQUEST, IEEE.
- ✦ Accessibility of online resources for research purpose.

★ Assistance in searching Databases

Institute's library staff is always enthusiastic and helps the users for searching databases.

★ INFLIBNET/IUC facilities

Institute uses EBSCO, PROQUEST, J-GATE & IEEE.

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

Institute's library staff is very enthusiastic and supports learning and research of staff and students. Information about current titles, new publications, latest journals, e-resources is made available from time to time to the faculty members. Newspaper cuttings pertaining to current trends in various topics such as economics, finance, marketing, IT etc. are circulated on regular basis among the faculty members to update their knowledge. Staff also assists students in finding books of their choice.

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

So far, the institute has not encountered visually/physically challenged persons. However, the provisions are made to take care by providing Wheelchair, dedicated entrance and a ramp, with proper navigation guides and an elevator with power backup.

- 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?)

Every year feedback is taken from the students about the infrastructural facilities of the college which includes a section on library services. In addition, library collects the feedback from students. Librarian and library staff analyze the feedback given by students and take necessary action to improve library services. Such analysis proves very useful in improvement of the library system.

### 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)

#### *Computers:*

S. No	Make	Desktop Configuration	Qty.
1	HP	C2D, 1GB RAM,160 HDD, keyboard, Mouse,15" LCD, DVD ROM	120
2	DELL	C2D, 2GB RAM,160 HDD, keyboard, Mouse,18.5" LCD, DVD ROM	60
3	DELL	Core i3, 2GB RAM, 500HDD,Keyboard ,Mouse,18.5" LCD, DVD ROM	60
4	IBM	P 4 2.4 GHz 256 RAM 40 HDD, keyboard, Mouse, 17" Monitor, CD ROM	30
5	DELL	Core i5, 4GB RAM, 500HDD,Keyboard ,Mouse,18.5" LCD, DVD ROM	60
6	PANACHE AIO	All-in-One PC: Core i5, 4GB RAM, Keyboard ,Mouse with VDI	60
		Total :	<b>390</b>

**Servers:**

1	Acer Server	Acer Altos R700 P4 Xeon, 2.8 GHz, 1GB ECC DDR, 36GB * 2 Ultra 320 Hot Swap HDD, Two Giga-bit Ethernet Network Cards, CDROM Drive	3
2	Acer SAN	Acer Altos S700F Storage Area Network 800 Gb SCSI HDD Fibre Giga-bit Network	1
3	DELL	Dell PowerEdge R710 Intel Quad Core E5506 Xeon CPU, 2.13GHz, 4M Cache, 24GB RAM 500GB 7.2K RPM SATA 3.5, Integrated Two Broadcom 5709C dual-port Gigabit Ethernet	1
4	DELL	Dell Power Edge 860 Intel Xeon 2.40Ghz 2Gb DDRAM 160 SCSI HDD CDROM Drive	1
5	HP	Intel Xeon Processor 2.33 GHz 2 Gb RAM 250 HDD 2 Gigabit Ethernet DVD WR	1
6	DELL	AMD FX-8350 8 core Processor 32 GB RAM 1 TB HDD 2 Gigabit Ethernet DVD WR	
7	HPC	Intel Xeon Processor 16 GB RAM 1 TB HDD 22" LCD C2075 Tesla NVIDIA, QUADRO 6000 NVIDIA, GTX 690 NVIDIA	2
8	Compaq	Compaq ProLiant 1600, P-III Xeon 500MHz, 392MB ECC SDRAM, 36GB Ultra 2 SCSI Hot swap HDD, Fibre Giga-bit Network Cards, CDROM Drive Ultra 320 Hot Swap HDD, Two Giga-bit Ethernet Network Cards	3

◆ Computer-student ratio

1:1

◆ Standalone facility

All the devices in our institute are well connected by our intranet and to the internet.

◆ LAN facility

**Switches and Routers:**

S. No.	Name of the Item	Description	Qty.
1	Cisco	Cisco 3600 2 Serial Port 2 Fast Ethernet Port	1
2	Dlink	Dgs3100-24tg - 8port 10/100/1000 + 16 SFP slots	1
3	Dlink	Des3026 1000 24 port	5
4	Dlink	Fibre Switch 8 Port Gigabit	2
5	Intel	Intel Gigabit Express Switch 24 Port	2
6	Elixir	50 U Rack	2

◆ Wi-Fi facility

***Wi-Fi Access Points:***

S. No.	Name of the Item	Description	Qty.
1	Tp-Link	TL WR541G Wireless Router	2
2	Tp-Link	WLTL-WA5210G Outdoor Access point	2
3	Dlink	AP 7200	2
4	Dlink	AP2100	2
5	Bio enable	PCR 120U - 10 Portable RFID Data Collection terminal	4

◆ Licensed software

***List of System Software***

S. No	Software
1	Microsoft Campus License
2	Windows 8 & 8.1
3	Windows 7
4	Windows Advanced Server
5	Windows Server 2003
6	Windows Server 2003 R2
7	Windows Server 2008
8	Windows Server 2008 R2
9	Windows Server 2012 R2
10	Windows Services for UNIX 3.5
11	Windows Small Business Server 2008
12	Windows Storage Server 2008
13	Windows Vista
14	Windows XP
15	Workgroups 3.11 (16-bit)
16	Ubuntu (All Versions)
17	Fedora (All Versions)

*List of Application Software*

<b>S. No</b>	<b>Software</b>
1	<b>Microsoft Campus License</b>
2	Turbo C++
3	Java
4	Visual Basic .NET 2003
5	Visual Basic 6.0
6	Visual Basic 6.0 Code Advisor
7	Visual Basic Applications (VBA)
8	Visual FoxPro 9.0
9	Visual J#.NET
10	Visual Studio 2008, 2010,2012 & 2013
11	Visual Studio.NET 2003
12	Windows XP Embedded
13	Internet Explorer up to 10
14	MapPoint 2010
15	Office 2007
16	Office 2010,2013
17	Office Communicator 2007
18	Office Communicator 2007 R2
19	Office Communicator Web Access
20	OneNote 2007
21	Project 2007
22	Project 2010
23	Publisher 2007
24	Publisher 2010
25	SharePoint Workspace 2010
26	Small Business Accounting(App)
27	Streets and Trips 2009
28	Streets and Trips and AutoRoute 2010
29	Virtual PC 2007
30	Virtual Server 2005 R2
31	Visio 2010
32	Windows Virtual PC
33	AutoCollage 2008
34	Expression 3
35	Songsmith
36	Antigen
37	Application Virtualization
38	BizTalk Server 2009

39	Commerce Server 2009
40	Customer Care Framework 2009
41	Exchange Server 2007
42	Exchange Server 2010
43	Groove Server 2007
44	Groove Server 2010
45	Host Integration Server 2006
46	Identity Lifecycle Manager 2007
47	ISA Server 2006
48	Live Communications Server 2005
49	SQL Server 2008 R2 & 2010
50	SQL Server 2008 R2
51	Systems Management Server 2003
52	Systems Management Server 2003R2
53	Oracle 9i Enterprise Edition Release 2 [8.1.6] Windows & Linux
54	WAMP
55	Apache
56	Star Office
57	My SQL
58	IBM Rational Software suite
59	MATLAB 7 R2007b

◆ Number of nodes/ computers with Internet facility

S. No	Make	Desktop Configuration	Qty
1	HP	C2D, 1GB RAM,160 HDD, keyboard, Mouse,15" LCD, DVD ROM	120
2	DELL	C2D, 2GB RAM,160 HDD, keyboard, Mouse,18.5" LCD, DVD ROM	60
3	DELL	Core i3, 2GB RAM, 500HDD,Keyboard ,Mouse,18.5" LCD, DVD ROM	60
4	IBM	P 4 2.4 GHz 256 RAM 40 HDD, keyboard, Mouse, 17" Monitor, CD ROM	30
5	DELL	Core i5, 4GB RAM, 500HDD,Keyboard ,Mouse,18.5" LCD, DVD ROM	60
6	PANACHE AIO	All-in-One PC: Core i5, 4GB RAM, Keyboard ,Mouse with VDI	60
		Total :	<b>390</b>

◆ Any other

***Printers and Scanners:***

S. No.	Name of the Item	Description	Qty.
1	RICOH Aficio MP 2550B RPCS	Xerox , Online Printer & Scanner	1
2	Xerox Work Center 7120	Xerox , Online Printer & Scanner	1
3	Ricoh MP 2000L	Xerox , Online Printer & Scanner	1
4	EPSON LQ 300	32 Column	1
5	HP Colour LaserJet 3800 PCL 6	Laser Jet Colour	1
6	HP Office jet 6500	Copier ,Printer ,Scanner & Fax	1
7	Epson Compatible 24 Pin	Cheque Printer	1
8	HP LaserJet 4250 PCL 6	Laser Jet Black White	1
9	HP Laser Jet P1007	Laser Jet Black White	2
10	HP Deskjet Inkjet Printer	Laser Jet Black White	17
11	Epson Stylus Printer	Laser Jet Black White	2
12	HP Scanner 5590	Auto Feeder Scanner	1
13	HP Scanjet 4400c	Scanner	1

***LCD/HD Projectors:***

S. No.	Name of the Item	Description	Qty.
1	Acer	2500 ANSI 4000:1 Contrast Ratio Projector VGA, AV IN	10
2	NEC	2800 ANSI LUMENS with HDMI VGA AV	10
3	OHP	Overhead Projector	1

***Camera and Recording Devices:***

S. No.	Name of the Item	Description	Qty.
1	Panasonic	Digital Camera	1
2	Canon	Canon EOS 600D	1
3	Panasonic	Panasonic HDC MDH1GC-K	1
4	Panasonic	CCD Video Recording Camera with 30 GB HDD	1
5	Avi-tech	Avi-tech CM633 with Audio Dome Camera (Class Room)	41
6	DAHUA	DVR 16 Port	4

***Biometric Devices:***

S. No.	Name of the Item	Description	Qty.
1	Bio enable	Thumb Scanner	1
2	Kritikal	KF110 - Wi-Fi Thumb Scanner	2

***Generator and UPSs:***

<b>S. No.</b>	<b>Name of the Item</b>	<b>Description</b>	<b>Qty.</b>
1	Kirloskar	100 KVA Diesel Generator	1
2	Champion	5 KV 2 Hours Backup	1
3	Champion	0.5 KV	10

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

All the computer labs are connected with internet through Wi-Fi with 10 mbps speed.

4.3.3. What are the institutional plans and strategies for deploying and upgrading the IT infrastructure and associated facilities?

Institute purchases computers as well as other peripherals and equipments with latest technology whenever available. In the annual budget adequate provisions are made for the same.

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)

<b>Year</b>	<b>Procurement/Upgradation</b>	<b>Maintenance</b>
2010-11	88,633	15,623
2011-12	3,64,363	-
2012-13	3,71,501	1,51,708
2013-14	49,38,360	13,054

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?

- \* In-house developed VIIT ERP system for attendance, lecture record and teaching plan.
- \* Learning Management System (MOODLE) is also used for betterment of conducting the lectures smoothly.
- \* Video conferencing / webinars is also used for conducting guest lectures.

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.

E-learning, video conferencing, webinars, etc. are used at institute rendering the relevant course modules.

All the classrooms are equipped with projectors, to impart ICT for learning purposes.

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?

Our institute is an un-aided / self-financed Institute.

#### 4.4 MAINTENANCE OF CAMPUS FACILITIES

4.4.1. How does the institution ensure optimal allocation and utilization of the available financial resources for maintenance and upkeep of the following facilities (substantiate your statements by providing details of budget allocated during last four years)?

Institute keeps budget allocation every year for maintenance and upkeep of various facilities. However, details of year 2013-14 are as follows:

S. No.	Facility	2013-14	
		Budget in ₹	Utilization in ₹
1.	Building	1,25,000	1,01,450
2.	Furniture	75,000	26,264
3.	Computers	2,00,000	13,054
4.	Any other	2,50,000	1,90,729

4.4.2. What are the institutional mechanisms for maintenance and upkeep of the infrastructure, facilities and equipment of the college?

As and when the maintenance is required for the infrastructure and the facilities, institute puts up these issues to the management and the work is carried out accordingly.

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

Not applicable.

4.4.4. What are the major steps taken for location, upkeep and maintenance of sensitive equipment (voltage fluctuations, constant supply of water etc.)?

The computers of the institute are protected from power surge. The MSEB line is directly connected to 315 KVA transformer with DG backup and then the power is distributed to the entire premise. The institute has also installed 21 KVA Solar Power System to support MSEB power supply.

## 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 prospectus annually to new aspirants / applicants along with application form. It provides detailed information to the students about eligibility for admission, specialization of respective courses, fee structure of the programme and other necessary information.

The prospectus contains following details:

- 1) Director's Message
- 2) Vision and Mission
- 3) Details of facilities such as Class rooms, Computer labs, Library, Auditorium, Canteen/Mess, Hostels, Gymnasium, Playground.
- 4) Faculty Details
- 5) Programme structure
- 6) List of Recruiters
- 7) Board of Trustees
- 8) The Governing Council

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?

MCA [SC/ST/SBC/NT]			
Year	Total number of students during the academic Year	No. of students	Total amount sanctioned by the Government in ₹
2010-11	177	23	14,94,480
2011-12	177	23	15,40,990
2012-13	234	41	30,07,632
2013-14	115	41	35,09,486

MCA [OBC]			
Year	Total number of students during the academic Year	No. of students	Total amount sanctioned by the Government in ₹
2010-11	177	27	8,95,662
2011-12	177	31	10,93,145
2012-13	234	43	16,25,463
2013-14	115	41	16,52,224

<b>MBA [SC/ST/SBC/NT]</b>			
<b>Year</b>	<b>Total number of students during the academic Year</b>	<b>No. of students</b>	<b>Total amount sanctioned by the Government in ₹</b>
2010-11	117	29	15,33,296
2011-12	116	25	15,50,034
2012-13	117	23	16,09,562
2013-14	60 (MBA-II)	16	13,20,465
	59 (MBA-I)	21	In progress

<b>MBA [OBC]</b>			
<b>Year</b>	<b>Total number of students during the academic Year</b>	<b>No. of students</b>	<b>Total amount sanctioned by the Government in ₹</b>
2010-11	117	16	4,24,316
2011-12	116	19	6,09,811
2012-13	117	22	7,83,674
2013-14	60 (MBA-II)	13	5,36,869
	59 (MBA-I)	10	In progress

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

<b>MCA [SC/ST/SBC/NT]</b>			
<b>Year</b>	<b>Total number of students during the academic Year</b>	<b>No. of students</b>	<b>Total percentage of students to received financial assistance</b>
2010-11	177	23	12.99
2011-12	177	23	12.99
2012-13	234	41	17.52
2013-14	115	41	35.65

<b>MCA [OBC]</b>			
<b>Year</b>	<b>Total number of students during the academic Year</b>	<b>No. of students</b>	<b>Total percentage of students to received financial assistance</b>
2010-11	177	27	15.25
2011-12	177	31	17.51
2012-13	234	43	18.38
2013-14	115	41	35.65

<b>MBA [SC/ST/SBC/NT]</b>			
<b>Year</b>	<b>Total number of students during the academic Year</b>	<b>No. of students</b>	<b>Total percentage of students to received financial assistance</b>
2010-11	117	29	24.79
2011-12	116	25	21.55
2012-13	117	23	19.66
2013-14	60 (MBA-II)	16	26.67
	59 (MBA-I)	21	35.59

MBA [OBC]			
Year	Total number of students during the academic Year	No. of students	Total percentage of students to received financial assistance
2010-11	117	16	13.68
2011-12	116	19	16.38
2012-13	117	22	18.80
2013-14	60 (MBA-II)	13	21.66
	59 (MBA-I)	10	16.95

5.1.4. What are the specific support services/facilities available for

★ ***Students from SC/ST, OBC and economically weaker sections***

The Institute extends total co-operation and support to the students belonging to SC/ST/NT1/NT2/NT3 categories. They are made aware from time to time about different types of schemes that are available to the students from the various Government Offices(State as well Central Government).OBC/SBC students are also eligible for some provisions (scholarships) from the Government of Maharashtra-Social Welfare Department. The students are made aware about the information & also due care is taken to reach out to the students.

★ ***Students with physical disabilities***

The institute has not come across students with physical disabilities. However, the adequate provisions such as Ramp, Lift and Wheelchair etc. are made for them.

★ ***Overseas students***

Till date there is no overseas student enrolled in the institute.

★ ***Students to participate in various competitions/National and International***

The Institute promotes students to participate in various competitions and conferences at National & International level.

★ ***Medical assistance to students: health Centre, health insurance etc.***

The institute has a medical room (Sickroom) where in the students can take rest in case of illness. It is adequately equipped with stretcher, First-Aid medical kit, medicines in case of emergencies etc. The institute has been supported with the Government Hospital located in the vicinity. University of Pune offers health insurance scheme to the enrolled students.

★ ***Organizing coaching classes for competitive exams***

Nil

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

The institute has well equipped Language Lab enhancing spoken abilities as well as computer literacy. Extempore, Debate competitions are being organized.

★ ***Support for “slow learners”***

Extra/Remedial classes are conducted as and when needed.

★ ***Exposures of students to other institution of higher learning/ corporate/business house etc.***

Institute sends the students on regular basis to attend workshops/seminars which are conducted by other institutes.

★ ***Publication of student magazines***

Marketing Management students publish a magazine ‘Koushalya’.

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

Institute has begun individual counseling for the students to motivate them to become entrepreneur. Institute conducts industry/business experts’ talks, Entrepreneurship Development Programmes.

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***

Institute encourages its students to participate in various extracurricular and co-curricular activities. The students participate in inter institute and intra institute competitions. In the event of examinations and other academic activities coinciding such events, Institute considers such cases sympathetically and arranges for conducting retests or repeat sessions for such students.

✱ ***Special dietary requirements, sports uniform and materials***

Necessary requirements of participants in sports and such activity are adequately taken care of. The participants are supported with concerned kits and equipments for the respective sports.

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 / TOEFL / GMAT / Central /State services, Defence, Civil Services, etc.

***Library & Internet support:*** Institute provides library as well as internet support for the preparation of the competitive exams.

**Personal Guidance:** Based on the demand and the requirement of the students personal guidance is provided

**Number of students appeared and qualified in various competitive exams:**

Two students qualified the competitive exams, the details are given below:

Year	Programme	Student Name	Exam
2012	MBA	Satyjit Ghadage	MPSC
2013	MCA	Amol Garje	MPSC

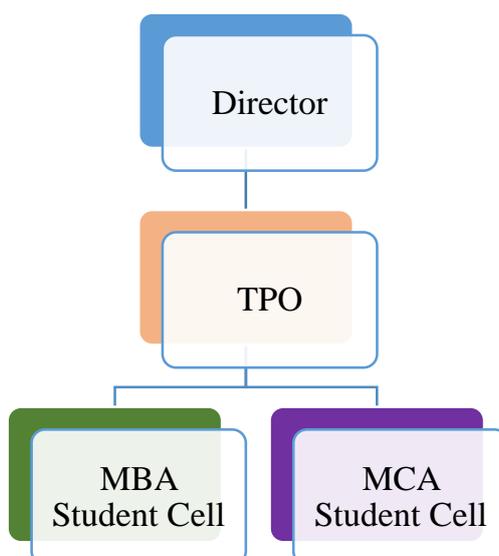
5.1.8. What type of counseling services are made available to the students (academic, personal, career, psycho-social etc.)

Institute provides counseling to the students in the area of academic and personal career. Faculty members take initiative to make students aware about their strengths and weaknesses. In addition to this, industry/business experts are invited to guide the students on the issues of their career.

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 programs).

Institute has appointed Training and Placement Officer to cater the needs of students related to their job opportunities, and prepare them to face interviews confidently. Various organizations consider our students for placement.

✧ **Structure of Placement Cell**



- \* Number of students for whom training was arranged by the Training and Placement Cell.

MCA			
(2010-11)	(2011-12)	(2012-13)	(2013-14)
54	116	118	22

MBA			
(2010-11)	(2011-12)	(2012-13)	(2013-14)
60	59	57	59

*Consolidated details of placement with average & highest salary packages*

**MCA:**

Year	Company visited	Total students appeared	No. of students recruited	Percentage of recruited students	Average salary per annum (₹)	Highest Salary per annum (₹)
2010-11	11	55	27	49.00	2,00,000	3,00,000
2011-12	15	60	9	15.00	1,80,000	4,50,000
2012-13	15	58	29	50.00	1,22,000	3,60,000
2013-14	14	58	24	41.00	84,000	1,50,000

**MBA:**

Year	Company visited	Total students appeared	No. of students recruited	Percentage of recruited students	Average salary per annum (₹)	Highest Salary per annum (₹)
2010-11	10	57	15	26.00	2,00,000	3,00,000
2011-12	12	60	12	20.00	1,80,000	3,50,000
2012-13	39	58	12	20.00	120,000	1,80,000
2013-14	36	58	15	26.00	2,75,000	5,40,000

5.1.10. Does the institution have Student grievance redressal cell? If Yes, list the grievances reported and redressed during last four years?

Institute has established student grievance redressal cell. Few grievances were reported and sorted out amicably from time to time.

\* *Nature of student academic grievances considered for redressal*

- 1) Return of original certificates
- 2) Transfer certificate
- 3) Refund of caution deposit
- 4) Matters related to library books
- 5) Issues related to general facilities
- 6) Matters related to internal marks and academic performance
- 7) General academic discipline

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

Institute has setup Women's Grievances Cell to handle sexual harassment issues.

5.1.12. Is there an anti-ragging committee? How many instances if any have been reported during last four years and what action has been taken on these?

Institute has Anti Ragging Committee. It has fifteen members. Institute cultivates good habits among the students to ensure the non- occurrence of such instances. There has been no instances of ragging reported till date.

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

The Institute has developed several welfare schemes and academic scholarships for students as part of its continuous effort to encourage excellence and perseverance in academics.

- ✦ Financial assistance is provided by the institute to encourage the students to participate in various seminars, conferences, competitions and workshops.
- ✦ For the economically weaker class students, Vidya Pratishthan's Trust gives scholarship to them.

5.1.14. Does the institution have a registered Alumni Association? If Yes, What are its activities and major contribution for institutional, academic and infrastructure development?

Institute has registered alumni association.

***Contribution of Alumni:***

Alumni have their communication network on yahoo groups and google groups. They post the articles of the new technologies, advancements and career opportunities.

Alumni always help the institute for the Placement purposes.

Alumni visit the Institute for sharing their valuable experiences with juniors.

They guide the institute students in their industry oriented project work.

Alumni help the institute for identifying and making available the Guest lectures for the academic and industry oriented development of the students.

Lectures Conducted By Alumni Student

MCA			
Sr. No.	Name of The Alumni	Day/Date /Year	Subject
1	Mr. Indrajeet Harale	2013	Cloud Computing
2	Mr. Manoj Jain	2013	Mongo DB
3	Mr. Nankishor Dhadage	2013	Oracle Certification
4	Mr. Hrishikesh Mangi	2013	Opportunities in ERP/SAP
5	Mr. Akshay Deshmukh	2012	C++
6	Mr. Tushar Zanje	2013	SAP
7	Mr. Mazhar Sheikh	2013	Android
8	Mr. Sushant Deshmukh	2013	IOS/Android
9	Mr. Gourishankar Nanaware	2013	Android
10	Mr. Akshay Deshmukh	2013	Resume Building
10	Ms. Mayura Jachak	2013	Opportunities in Oracle
11	Mr. Omkar Dange	2012	MIS & BI
12	Mr. Sudhir Deolikor	2012	Silverlight
11	Mr. Indrajeet Harale	2010	Internal Project viva
12	Ms. Tejaswini Kokate	2010	Internal Project viva

MBA			
Sr. No.	Name of The Alumni	Day/Date/ Year	Subject
1	Mr. Rohan Phalake	2013	College to Corporate
2	Ms. Dipti Satwekar	2013	Interview Preparation & presentation
3	Mr. Rajesh Mahadar	2013	Case study

Every year institute organizing the mega event of VIIT Alumni Association. The details of Mega events are as below:

Sr. No.	Date Of the Event	Venue	No of Alumni attended	Activity Conducted
1	7 <sup>th</sup> July 2012	Magarpatta City Institute of Management & Technology ,Pune	120	The brief idea given about Alumni association, objective & Goal to the alumni students. Cultural programs arranged for alumni students.
2	19 <sup>th</sup> Jan 2013	Magarpatta City Institute of Management & Technology ,Pune	105	Alumni shared their experiences in the industry. They interacted with junior students. Ended with a cultural programme.
3	24 <sup>th</sup> August 2013	VIIT, Baramati	150	In morning session, Alumni conducted guest session for current students. In Afternoon session, student has interaction with alumni students and also cultural programs planned by students.

## 5.2 STUDENT PROGRESSION

5.2.1. Providing percentage of students progressing to Higher Education or employment highlight the trends observed

Year	2010-11	2011-12	2012-13	2013-14
<b>Programme</b>	No. of students employed*			
<b>MCA</b>	49	15	50	50
<b>MBA</b>	26	20	21	26

\*Generally placement cell assists all the students in reaching out to prospective employers and eventually getting placed.

5.2.2. Provide the details of programme wise pass percentage and completion rate for the last four years (course wise/batch wise as stipulated by the university)? Furnish programme wise detail 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?

Course	Year	No of Student Appeared	No of Student Passed	Result in %	Comparison of result
<b>MCA</b>	2010 -11	59	31	52.54	50.42
	2011-12	56	47	83.93	74.57
	2012-13	58	49	84.48	67.90
	2013-14	Appearing batch			
<b>MBA</b>	2010 -11	56	40	71.43	64.75
	2011-12	55	37	67.27	63.36
	2012-13	56	47	83.93	70.64
	2013-14	Appearing batch			

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

Institute conducts the various activities for the student's development as follows;

- ✱ Communication skill sessions
- ✱ Aptitude classes for students
- ✱ Guidance for certification courses
- ✱ Career Counselling
- ✱ Certification course/exam with the help of companies like IBM DB2, Oracle
- ✱ Involve the students in organizing the events such as conference/workshop/competitions.
- ✱ Organize the guest session of Alumni as well as eminent personality from industry.

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

Remedial classes are conducted for backlog students.

### 5.3 STUDENT PARTICIPATION AND ACTIVITIES

5.3.1. List the range of sports, games, cultural and other extra-curricular activities available to students. Provide details of participation and program calendar

Various student activities viz. sports, cultural and programming competitions are conducted and the details and the program calendar are detailed below.

✱ *List of Sports and Games*

Sr. No.	Indoor	Outdoor
1	Carom	Cricket
2	Chess	Volley Ball
3	Table Tennis	Basket Ball
4	Badminton	Kabaddi
5	Skipping Rope	Throw Ball

✱ *Student Participation details in Sports*

Name of Activity	Number of Students enrolled	Recognition/Awards received, if any
Sports Week 2010	187	Certificate, Trophy, Medal
Debate Competition 2010	70	Certificate, Trophy, Medal
Sports Week 2011	201	Certificate, Trophy, Medal
Sports Week 2012	145	Certificate, Trophy, Medal
Sports Week 2013	138	Certificate, Trophy, Medal

✱ *Extracurricular Activities*

Name of Activity	Number of Students enrolled	Recognition/Awards received, if any
Fresher's Week 2010	120	Certificate
Fresher's Week "Umang" 2011	122	Certificate
Cultural Event 2008	102	Certificate
Cultural Event "Indradhanu" 2010	175	Certificate
Cultural Event "Music Masti Maza" 2011	208	Certificate
Cultural Event "Euphoria" 2012	180	Certificate
Project Development Competition (Brain Wave)	315	Digital Gadgets and Certificate

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

Students participated in various inter-institute co-curricular, extracurricular and cultural activities. Significant achievements are reported in the annexure.

- 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?

Institute collects feedback from the employers about the quality of students.

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

Quarterly wall magazines are published stream wise as: HR/FINANCE/MARKETING /SYSTEM.

- “Koushalya” by Marketing Management students. (2013-14)
- Theme based wall magazines are published regularly.

- 5.3.5. Does the college have student council or any similar body? Give details on its selection, constitution, activities and funding?

Every Year in the beginning of academic year, previous Student Council Committee is dissolved and new Student Council Committee is formed.

#### **Constitution of Student Council:**

This committee contains 3 representatives from each class. One representative for Academic, second representative for cultural and third representative for sports. Two faculty members are included in it. From every class, one girl student is selected as a representative.

#### **Selection of Student Council member:**

Out of these all members by maximum voting one member is selected as a Secretary. The secretary maintains the record of meetings and maintains the communication between student council and faculty members. All event dates and entire event planning is arranged after the discussion with council committee.

Academic representative takes care of academic part. He/she maintains the record of student participated in various competition other than Institute. They also contribute in planning various activities in the Institute.

Cultural representatives manage the schedule of cultural event. They prepare the list of programs for every class and accordingly schedule the entire event.

Sports representatives prepare the list of various sports and also list of participant from each class. Schedule is prepared by these members. They conduct the entire activity with the help of faculty members.

- 5.3.6. Give the details of various academic and administrative bodies that have student representative on them.

Institute has various committees which includes the representatives from teaching, non-teaching staff members and students which are as follows:

- 1) Anti-ragging Committee
- 2) Library Committee
- 3) Placement Cell Committee
- 4) Student Council Committee
- 5) Student Grievance Redressal System
- 6) Women's Grievance Cell

5.3.7. How does the institution network and collaborate with the Alumni and Former Faculty of the institution.

Institute has its registered alumni association.

Under this association, till date three alumni meets have been conducted in which more than 150 alumni and former faculty members were present. Institute continuously sends the mails regarding the updates of VIIT, about the conferences, workshops, competitions conducted in VIIT. They are invited by VIIT to join this events.

Also Alumni students are invited as guest lecturer and external examiner for Mini project Viva.

## **CRITERION VI: GOVERNANCE, LEADERSHIP AND MANAGEMENT**

### **6.1 INSTITUTE VISION AND LEADERSHIP**

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

***Vision:***

To be centre of academic excellence by creating high quality academic ambience through state of art research, innovation, infrastructure, teaching and learning resources and imparting human values and work ethics for sustainable development of the society .

***Mission:***

To bring information technology to the common man of rural India and ensure that IT is for quality management education, teaching-learning, research, out-reach services and to serve the society.

- 6.1.2. What is the role of top management, Director and Faculty in design and implementation of its quality policy and plans?

The institute is governed by Vidya Pratishthan Trust-Baramati. The quality policies are designed according to the need of the programme. The regular meetings of faculty members are being conducted under the chairmanship of Director for implementation of its quality policy and plans. Semester wise comprehensive plan for quality enhancement is made and incorporated in the regular time table.

***Quality Policy & Objectives:***

We are committed to provide high quality IT education, training, expertise and enhance the intrinsic abilities of all related stakeholders to promote in the field IT and management. We are committed to comply with the requirements and continually improve the effectiveness of the quality technology base management systems.

- ◆ To provide a sound academic and technical infrastructure augmented with extra-curricular facilities to all stake holders for a complete learning experience.
- ◆ To mould the technical mind-set of all stake holders according to the dynamic technological and managerial innovations
- ◆ To produce professionally qualified techno savvy managers who can stand at the cutting edge of the technology and business to provide the global economy.
- ◆ To undertake research, attract and develop high quality students and faculty, promote learning, and work with organisations to encourage a global perspective and the responsible and ethical shaping of society

**Plan of action chalked out by the IQAC in the beginning of the year towards quality enhancement.**

- ◆ The Governing council meets twice in a year or as per exigency. Crucial decisions are taken in the meeting with the Governing Council members and Director.
- ◆ The Local Management Committee meets frequently. Meetings are held at least once in two months and discuss the matters of day to day functional decision proceedings.

6.1.3. What is the involvement of the leadership in ensuring:

★ ***The policy statements and action plans for fulfilment of the stated mission.***

The authorities gather information about various aspects of the Institute functioning. The management encourages the participation of the staff in the process of decision-making.

Management takes responsibility to provide the facilities for learning and growth of the institute by providing budget under various heads for improving its infrastructure. It provides various scholarship schemes, promotes research activities and encourages Entrepreneurship by conducting Conferences/ Workshops. It helps students to meet the needs of the industry.

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

The Institute has constituted different Committees. Teachers and members of non-teaching staff play an important role in the planning and implementation of activities in different spheres of institutional functioning.

Based on the policy statements, the management strictly follows quality standards which are incorporated in our quality policy to accomplish the strategic plans. This provides various templates (Process measures- Policy Document) for the various activities, so that the operations are recorded chronologically.

★ ***Interaction with stakeholders***

The personal interaction of the institutional authorities with various stakeholders, faculty, non-teaching staff and the students plays an important role in the institutional functioning.

Apart from this, information available in student feedback forms and information available in self-appraisal forms of teachers help the authorities, to take proper plans and to support these policies.

Institute frequently creates various platforms for interacting with its stakeholders.

- ✦ **Parents:** Every year parents' meet is called to keep them posted with the information regarding their wards. In turn, their feedbacks are also taken for taking necessary corrective action if required
- ✦ **Students:** Counseling is conducted on line and face to face regularly to identify students' problems and they are resolved appropriately.
- ✦ **Employer:** The communication in all aspects taken care by placement cell.
- ✦ **Alumni:** The institute has registered Alumni Association. VIIT Alumni Association conducts regular meetings. Annual Mega Meet is organized.

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

After consulting with the stakeholders the management analyzes the needs and decides the research inputs required. Then management designs the policies to ensure effective functioning of the institute.

In order to improve the performance of the students, internal assessment methodology is frequently reviewed and modifications are implemented.

★ ***Reinforcing the culture of excellence***

Collectively Institute bears the ultimate responsibility for the smooth functioning of the institute.

Institute always benchmarks itself against the best industry practices. It channelizes the procedures and practices with respect to the prevailing external environment and hence proves to create an atmosphere as Center for Excellence.

★ ***Champion organizational change.***

The Director prepares the agenda for Governing Body meetings. Director takes care of all correspondence with the Governing Body, University of Pune and different stakeholders of the Institute.

Institute follows a structured approach for ensuring that changes are smoothly and successfully implemented and that the lasting benefits of change are achieved in the form of institutional brand building. In order to accomplish this, Institute aligns stakeholders' expectations, communicates, and integrates staff efforts for the growth.

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

The institute has constituted an effective internal quality assurance system under IQAC. The quality performance is reviewed from time to time through this system for continued sustainability. The Director of the institute has complete autonomy to govern the institute within the purview of the rules and regulations framed by the Vidya Pratishthan and other regulatory bodies. In the beginning of the academic year, the institute academic calendar is prepared and the responsibilities are distributed among faculty members and students. All activities are evaluated by the IQAC.

6.1.5. Give details of the academic leadership provided to the faculty by the top management?

The management through the Head of the Institute involves the staff members involve in various activities related to the development of the institute. The staff members involve in various committees strive for the betterment of students.

The academic leadership assigns responsibilities to the staff. It provides academic freedom to faculty members, which strengthens teaching and enriches the student quality. It promotes congenial workplace to create a harmonious atmosphere which attracts and retains staff.

Institute always gives its top priority to research among its other academic duties by providing good infrastructure facilities and encouragement as well. It also evaluates faculty on a routine basis and results are communicated with faculty members for improvement.

6.1.6. How does the Institute groom leadership at various levels?

Head of the Institute delegates the power of academic leadership, liaising among the staff and the management. Institute conducts different activities in the names of Cultural & Sports days etc. to promote leadership qualities in students at various levels. Institute has senior academic people drawn from industry and academics heading the various streams who have worked with renowned industries and academic institutes

6.1.7. How does the Institute delegate authority and provide operational autonomy to the departments / units of the institute and work towards decentralized governance system?

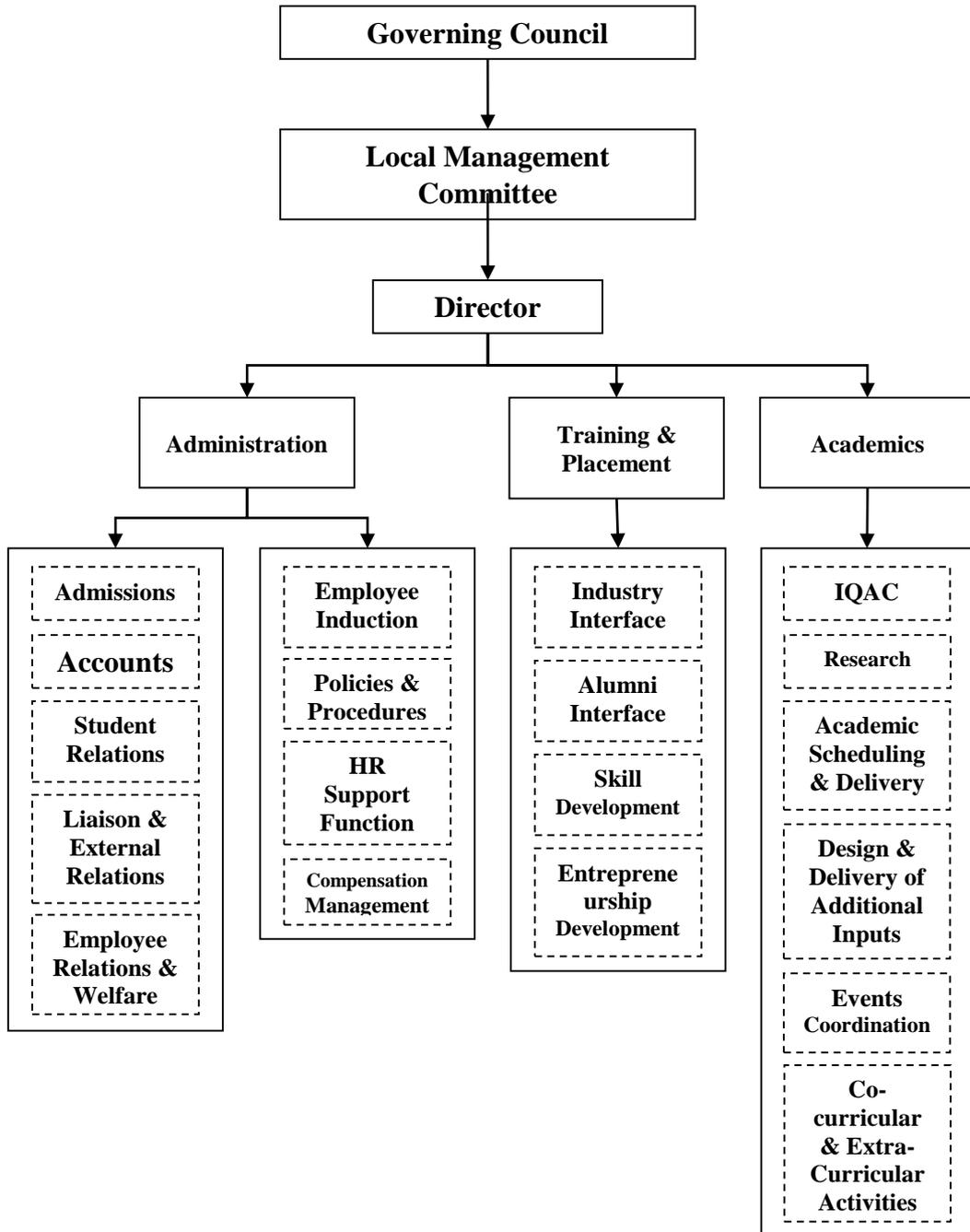
Decentralization of Authority is done in following ways:  
The departments function as shown in the organization chart.

Decentralization empowers the individual faculty members to make independent decisions. Institute authority specifies well defined policies for the enhancement of qualitative educational system. The suggestions of the management are communicated to the teaching and non-teaching employees. Head of the institute assigns specific duties to faculties and administrative staff of the Institute on the basis of suggestions of the Management.

6.1.8. Does the Institute promote a culture of participative management? If 'yes', indicate the levels of participative management.

The institute promotes a culture of participative management. It has inculcated the practice of hearing the voices of all the stakeholders. Frequent meetings are held in both the departments where internal issues within the departments are discussed and resolved. Staff meetings are held to discuss issues. Faculty feedbacks are well appreciated and received by the heads of the departments and in turn the suggestions of heads of the departments are perceived well by the top management. Leadership in Institute always recognizes the significance of listening and interpreting the views of all the employees and hence practices this culture meticulously.

## ORGANIZATIONAL CHART



## 6.2 STRATEGY DEVELOPMENT AND DEPLOYMENT

- 6.2.1. Does the Institute have a formally stated quality policy? How is it developed, driven, deployed and reviewed?

Institute has a formally stated quality policy. Quality policy was originally stated by the Governing Council. It is derived and aligned with respect to the vision and mission of the institute. It clearly states the objectives of the institute, their process of progress towards the achievement of objectives and its contribution to the society.

- 6.2.2. Does the Institute have a perspective plan for development? If so, give the aspects considered for inclusion in the plan.

The Institute has a perspective plan for development. The institute takes strenuous effort in listing out the key performance indicators from various perspectives for performance assessment and development.

- ◆ It addresses the various issues from the stake holder perspective that is; it takes steps to fulfil the requirements of its students, their parents, employer community etc. The Institute has an active placement cell addressing the campus placements and it organizes parents' meet to convey their sons'/daughters' performance and to take their inputs as well. It takes feedback from the employer community in order to plan for extra coaching and imparting the necessary skills.
- ◆ It also takes effort for improving the internal development of the institute by inculcating harmonious work culture. It streamlines various processes like evaluating methodologies of teaching learning process, research progress, infrastructure facilities etc.
- ◆ Learning and growth scope of the institute is also well explored from various dimensions. Every year, the educational development perspective shows steady progress. Some of the senior faculty members are the members of various boards of studies and syllabus sub-committees of University of Pune. The institute also encourages students and faculty exchange programmes with various universities. Institute has signed MOUs with various universities abroad and organizations for promoting institute industry interaction.
- ◆ Institute is self-financed and permanently unaided. However, financial perspective is addressed well. Various endowments and grants are received from external organization, alumni association etc.

### 1) *Infrastructure development plan:*

There are various initiatives taken for sustained infrastructure development. In a bid to upgrade the technology, there are few actions being taken as detailed below:

- a) Auditorium renovation
- b) Replacement of old LCD projectors with HD projectors in all the classrooms.
- c) Research Labs for Networking, High Performance Computing, Image Processing, Software Testing

## 2) *Academic plans:*

- ★ Certification Courses- Certificate courses for students in order to enhance proficiency and employability skills.
- ★ MCA- Courses related to computer applications and allied certifications such as Project Management Institution, Java, SQL Server, dot NET, Android etc.
- ★ MBA- Courses related to employability skills such as Project Management Institution, Soft-Skills, Personality development, Group Discussions, Personal Interviews, Tally and orientation courses for usage of ERP.

### 6.2.3. Describe the internal organizational structure and decision making processes.

Organizational structure (please refer to 6.1.8)

The Director heads both the academic and administrative departments of the Institute and delegates the administrative work to the HODs. The HODs are in-charge of the academic and the administrative functioning of the departments. The teaching staff takes care of the curricular aspects and arranges the activities related to curricular, co-curricular and extra-curricular aspects.

The institute functions based on various agenda. Each agenda is worked upon and propagated with the help of various committees like:

- ✱ Governing Council
- ✱ Local Management Council
- ✱ Discipline Committee
- ✱ Grievance Redressal Cell
- ✱ Anti-ragging Committee
- ✱ Student Council

These committees meet often, discuss the related issues and take appropriate decision with respect to the requirement. The student issues are brought into notice from the students' council.

### 6.2.4. Give a broad description of the quality improvement strategies of the institute for each of the following

#### ✱ *Teaching & Learning*

The institute is committed to make teaching and learning "Student Centric" which makes the students to think, analyze, be independent, original and creative. Students from diverse backgrounds and abilities are admitted. Their individual needs are properly addressed.

Special considerations are given to the economically weaker students through fee concessions/scholarships.

Learning methods encourage students' participation through project work, training in relevant software and e-learning. Teaching innovations through modern teaching

aids and ICT facilities make the learning process more student- friendly. Students are provided with library resources, internet facilities, Group presentations, classroom quiz etc. to achieve qualitative improvement in teaching- learning process.

The faculty is recruited through a selection process in accordance with the directions of the Management and guidelines provided by the Maharashtra State Government and University of Pune.

The faculty is highly competent and dedicated. The institute ensures the competency of staff and helps the faculty to develop continuously. The institute follows the self- appraisal method to evaluate the performance of faculty, which is used for correcting shortfalls. The teachers are motivated to enrich their knowledge through conferences, Seminars, Research contributions, Faculty Development Programmes etc.

The academic progress of the students is monitored through Continuous Internal assessment. Slow and advanced learners are identified by the faculty members on the basis of classroom interactions, Remedial and tutorial classes are arranged for slow learners. Advanced learners are encouraged to participate in various seminars and conferences.

Feedbacks are taken on a continuous basis from the students. Students' performance is assessed by conducting continuous assessment tests, assignments, projects etc. Students are exposed to learning in smart class rooms and are encouraged to give presentations in their own domain to enhance learning and presentation skills.

#### ✧ ***Research & Development***

There is fully facilitated for recognized research centre in the institute duly approved by the affiliating university. The faculty is very much aware of the growing importance of the research based education. Institute encourages the teachers for research work. Most of the faculty members are engaged in active research work.

The Management supports the professional development of the faculty and encourages them to undertake research and to participate in various types of Seminars, Workshops, Conferences and Faculty development programmes by sanctioning study leaves and research leave.

Infrastructure facilities like well-equipped laboratory for student learning as well as for faculty research are made available. The equipments and consumables are purchased often, as and when required to strengthen research activities.

The library is also well equipped with required titles and volumes of text books, e-journals, computer hardware and software for conducive learning. Students and faculty are given financial assistance for presentations in conferences hosted by other institutes both domestic. Institute has obtained the status of research centre which will help in establishing hard core research activities, supervising and awarding PhDs.

### ✦ *Community Engagement*

Institute engages many activities like blood donation camps, free medical check-ups, and environment awareness programmes etc.

Imparting training to various Corporates, schools and colleges located in the vicinity of the institute.

### ✦ *Human Resource Management*

Institute follows the process of assessing adequate manpower requirements, staff recruitment, monitoring and planning professional development programmes for human resource development. Staff training takes place periodically. The institute recruits faculty members and staff based on the guidelines provided by the appropriate authorities. The institute takes care of its human resources through staff welfare schemes.

Utmost importance is given to the staff members and their needs.

- ★ The service rules are transparent.
- ★ Benefits like Provident Fund, Gratuity and Group Insurance.
- ★ Staff members are entitled to other benefits like Casual, Earned, Medical, Special leaves and Vacation.
- ★ Accommodation facility within the campus.
- ★ Salaries are credited every month through bank to the salary account of the staff members.

The institute frequently arranges in-house training programmes and also deposes staff members to other organization for acquiring balance skills (technical skills, teaching skills, soft skills etc.). Whenever any new equipment or software is purchased and installed, the department arranges a demo session by the supplier/service provider.

### ✦ *Industry Interaction*

The institute sends students to job fairs and seminars conducted by different organizations. The students have been placed in different industries. The institute interacts with various local as well as outside institutes and consults other institutes to discuss on various issues for the improvement of Education System. IT & Management National conferences are held by the institute. The institute organizes field tours to various industries.

- 6.2.5. How does the Head of the institute 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 institute?

Head of the institute receives the feedback from the students and other stake holders in writing as well as orally. It is easily made available to the top management as well as

other stake holders as and when needed for reviewing the activities of the institute. Such reports are sent to the top management periodically.

- 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 staff members are involved in various activities related to the development of the institute. These activities help the institute to sustain and enhance the quality in education.

- 6.2.7. Enumerate the resolutions made by the Management Council in the last year and the status of implementation of such resolutions.

Local Management Council meets regularly to consider day-to-day matters and provides solutions.

- 6.2.8. Does the affiliating university make a provision for according the status of autonomy to an affiliated institute? If 'yes', what are the efforts made by the institute in obtaining autonomy?

University of Pune offers autonomy to the affiliated institutes. However, the institute has not opted for it.

- 6.2.9. How does the Institute ensure that grievances / complaints are promptly attended to and resolved effectively? Is there a mechanism to analyze the nature of grievances for promoting better stakeholder relationship?

Institute has constituted a Grievance Redressal Committee. This committee discusses the matter with head of the institute to resolve the problems. Some of the following grievances have been resolved recently.

- 1) **Parents:** Partial Communication Gap between institute and parents.
- 2) **Students:** Return of original certificates.
- 3) **Employer:** Students are under-prepared for employment.

Parents and Students put their Grievances through the Grievance committee and solve it by personal interaction with the concern authorities.

As per the regulatory directives the complaints and redressal committee is constituted in the institute. Everybody in the institute is made aware of the existence of this committee. As and when the committee receives complaint, they meet immediately, review and resolve the 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?

There is no instance of court case filed against the institute.

6.2.11. Does the Institute have a mechanism for analyzing student feedback on institutional performance? If 'yes', what was the outcome and response of the institute to such an effort?

The institute has a feedback mechanism. Every semester students evaluate their subject teachers using the specified format. The institute has also a student council where the grievances and feedback from the students are received. These complaints are also heard and addressed as and when required.

### 6.3 FACULTY EMPOWERMENT STRATEGIES

6.3.1. What are the efforts made by the institute to enhance the professional development of its teaching and non-teaching staff?

#### Teaching Staff:

Institute encourages each department and faculty member to conduct and attend seminars, workshops and to participate in other institutes and corporate bodies.

Management conducts faculty development programme. Institute conducts Training Programme with the various corporate houses and other educational institutes.

The institute encourages teaching staff for professional development:

- ★ Each faculty member presents minimum one paper in National/International Conferences or Peer review journals every year.
- ★ Each faculty member participates in at least one faculty development programme for every year.

To upgrade the skills of the faculty, the management of the institute encourages its staff members to register for higher studies. Following staff members are pursuing higher studies.

S. No.	Name of faculty member	Pursuing higher studies/course
1	Mr. P. N. Mohite	Ph.D.
2	Mr. A. D. Adsul	Ph.D.
3	Mr. S. D. Parakh	Ph.D.
4	Mr. M. R. Kothawade	Ph.D.
5	Mr. A. S. Shaikh	Ph.D.
6	Mr. Y. D. Nalwade	Ph.D.
7	Mrs. R. G. Gaikwad	M. Phil.
8	Ms. P. S. Dhodapkar	M. Phil.
9	Mrs. P. B. Sarwade	M. Phil.
10	Mr. Sridhar G.	M. Tech.
11	Ms. M. S. Phadnis	M. Tech.

- ★ The non-teaching staff is given training in IT skills and Soft skills.

6.3.2. What are the strategies adopted by the institute for faculty empowerment through training, retraining and motivating the employees for the roles and responsibility they perform?

Institute has adopted following strategies for faculty empowerment:

1. Need-based training for upgraded technologies.
2. Bridge courses

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.

The institute authority evaluates the performance of staff. Meetings are conducted and results are reviewed. The teachers are motivated to take up development programs. A self-appraisal method of appraisal is followed.

This contains of two parts.

- ◆ The first part is filled by the faculty themselves giving their details of achievement for that year.
- ◆ The second part is filled by the Director of the institute.

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?

All the reports are reviewed by the institute authority. The performance appraisal system was introduced since beginning.

The outcomes of the performance appraisal will reflect in the incentives and the promotion of the faculty members.

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?

S. No.	Welfare scheme*	Percentage of staff availing benefits			
		2010-11	2011-12	2012-13	2013-14
1	Provident fund	100%	100%	100%	100%
2	Gratuity	100%	100%	100%	100%
3	Maternity leave	100%	100%	100%	100%
4	Special leave	100%	100%	100%	100%
5	Study leave	100%	100%	100%	100%

\* All above welfare schemes are available to all the staff members.

- 6.3.6. What are the measures taken by the Institute for attracting and retaining eminent faculty?

Following measures are taken by the Institute for attracting and retaining eminent faculty

- 1) Salaries as per sixth pay scale to the staff
- 2) Promotions and Annual Increments
- 3) Provident Fund
- 4) Gratuity
- 5) Group insurance.

#### **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?

There is a Budget Committee comprising of management representatives, teaching and non-teaching staff that prepares annual budget. There is a separate mechanism in the form of Provision-Watch that helps the institute to monitor the provisions made and its utilization.

Institute makes sincere efforts to cater to the educational requirements of the students from rural area and underprivileged sections of the society. The available resources are effectively utilized by the management through proper and transparent accounting process.

Final accounts are regularly presented to the CA for review. Quarterly internal auditing is done. There is a budget committee for yearly budgeting comprising of teaching and non-teaching staff and management representatives. There is a mechanism called "Provision-watch" to monitor the utilization of budget.

- 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 institute gets internal and external audit done. Internal audit is conducted on quarterly basis whereas external audit is also done as per the norms. There are no major audit objections. The audit of financial year 2013-14 was completed in the last week of May 2014.

- 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 Institutes, if any.

The major source of institutional receipts is the fees collected from the students.

The Institute tries to raise additional funding from the other sources such as research, social projects. It also indulges in conducting training programmes and provides

consultancy services. This is done to ensure lesser burden on the students. As a matter of fact institute does not have any deficit.

- 6.4.4. Give details on the efforts made by the institute in securing additional funding and the utilization of the same (if any).

Efforts made by institute are enumerated under 6.4.3

## **6.5 INTERNAL QUALITY ASSURANCE SYSTEM (IQAS)**

### **6.5.1. Internal Quality Assurance Cell (IQAC)**

- a) Has the institute 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?

The institute is following the standards of concerned regulatory bodies.

- b) How many decisions of the IQAC have been approved by the management / authorities for implementation and how many of them were actually implemented?

All the decisions are taken in the Management Review Meeting and are communicated to the governing council by the institute authority and after systematic review of the same those are implemented.

- c) Does the IQAC have external members on its committee? If so, mention any significant contribution made by them.

Institute is planning to have external members to carry out the quality audit every year.

- d) How do students and alumni contribute to the effective functioning of the IQAC?

In the Employability Objective, the students also give inputs by the Placement Officer as well as by the external resources and necessary mock training and new methods of improving the employability have been brought in. Alumni play a major role to ensure that the students of the institute are well placed in the reputed organizations and some of the entrepreneurs absorb the students in their own firms.

- e) How does the IQAC communicate and engage staff from different constituents of the institute?

Internal quality audit is carried out by the members drawn from all the departments.

- 1) The institute has its IQA Cell with the Following composition:

List of Members:

1. Dr. Amol Goje
2. Dr. Rupendra Gaikwad
3. Dr. Rajendra Chaudhari
4. Mr. P N Mohite
5. Mr. Dhananjay Bhavsar
6. Ms. Prajakta Dhodapkar

In the existing academic and administrative system, the institute has developed a mechanism of its own for quality assurance.

- 2) There is always positive response by the management to meet the requirement proposed by the IQAC.
- 3) The students play a major role in assuring quality of education imparted by the institute.

This is through their active participation in classrooms that the quality of the education is maintained. Students maintain punctuality and regularity in attending the class. Student's participation is also assured by involving them in Cultural and other activities. The students come forward to maintain the best practices evolved through academic and administrative systems. IQAC has been started very recently so the participation of alumni is very less.

- 4) The different committees set up by the Institute are always aware of the administrative needs.

The Examination, Timetable, Magazine, Disciplinary, Sports and Cultural Committees, are all constituted and equipped for quality assurance of the institute's administration. The academic and administrative systems in the institute have been quite effective to the enhancement of quality education. The academic quality of the institute is maintained by the teaching and learning processes. The administrative quality is maintained by the effective decentralization. Head of the institute conducts meeting regularly and ensures the quality of teaching.

- 6.5.2. Does the institute have an integrated framework for Quality assurance of the academic and administrative activities? If 'yes', give details on its operationalization.

The institute has adopted a three tier system where the Management committee is the ultimate decision making body accountable to the stakeholders. The IQAC, the planning body, collects inferences from the learners and various committees through participatory interactions, based on which it proposes comprehensive perspective plan to the governing council for approval and implementation. The chain of various committees is in-charge of implementation of developmental and academic activities assigned by the institute.

The supervision by the governing council ensures the proper implementation. The fair representation of the learners ensures the transparency in the process.

The quality assurance and the various process measures have been well defined and effectively implemented.

- 6.5.3. Does the institute provide training to its staff for effective implementation of the Quality assurance procedures? If 'yes', give details enumerating its impact.

The institute ensures that the decisions based on the findings of the IQAC are fully adhered to. The academic as well as the administrative working is further smoothed by the time to time training sessions being organized by the college for its teaching as well as the non-teaching staff. Personality Development programme, Small workshops over the weekends, in the form of interactive sessions have helped the staff of the institute work in a better and more promising way.

- 6.5.4. Does the institute undertake Academic Audit or other external review of the academic provisions? If 'yes', how are the outcomes used to improve the institutional activities?

IQAC conducts the academic audit. The academic audit comes out with the pros and cons of the teaching methodology as well as means to overcome the same. All the junior faculties are randomly and continuously monitored in this regard. Senior Professors from the department also are roped in to effectively implement the same.

- 6.5.5. How are the internal quality assurance mechanisms aligned with the requirements of the relevant external quality assurance agencies/regulatory authorities?

The external regulatory authorities are University of Pune, AICTE, New Delhi and Directorate of Technical Education, Mumbai. Institute complies as per their needs and requirements.

- 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?

The faculty members are encouraged to conduct surprise tests, quizzes, etc. to monitor the academic progress of each student. Student's feedback on faculty members also improve the effective implementation of quality policies.

The subjects are allocated to the faculty as per their specialization. The faculty members are requested to submit their Teaching Plan before the commencement of the semester. This is verified by the Head of the Department. Senior faculty members are asked to review the teaching of junior faculty members. Continuous Assessment Test (CAT), Assignments, seminars are a part of the timetable. Parent-teacher meetings, Class counselling's and Class Committee meetings are the measures in vogue to review the teaching learning process.

6.5.7. How does the institute communicate its quality assurance policies, mechanisms and outcomes to the various internal and external stakeholders?

The institute has evolved a stakeholders' web by forming different platforms like Academic monitoring committee, Alumni, Parent Teacher Meet and various committees with a fair representation of students. The IQAC in the planning process considers feedbacks collected from all the stakeholders to prepare perspectives on development. These developmental perspectives are discussed in the respective meetings of Academic monitoring committee, Parent-Teacher Meet and Alumni. The reflections of the meetings are incorporated in the plan. Important decisions made by IQAC will be intimated to the students through notice board and institute circulars. Student representatives play an important role in communicating the decisions made by the IQAC through the Vision, Mission statement, parent-teacher meeting and also through the website, appropriate changes are made.

## CRITERION VII: INNOVATIONS AND BEST PRACTICES

### 7.1 ENVIRONMENT CONSCIOUSNESS

The Institute is very conscious towards conservation and safety of the environment. It undertakes various measures to have a green outlook.

- ★ Nurtures plants and greenery, both inside and outside of the campus.
- ★ All classrooms and Library of the Institute are well-structured with natural illumination and ventilation with minimal usage of artificial illumination.
- ★ Water Conservation techniques are adopted.
- ★ Participates in the significant occasion by linking it with a noteworthy cause under the Environmental Forum of India, Baramati (NGO).
- ★ A lecture and screening of films on environment are organized by Environmental Forum of India, Baramati (NGO) where students and faculties of the Institute actively participated.
- ★ Supports the conservation of environment and joining the movement against pollution / ozone layer depletion. This is done by student participation and representation during the programme.
- ★ Inspires and continually reminds the students and staff to conserve energy in the form of placard that are placed in and around the campus.
- ★ Students are advised to park their vehicles in the allocated parking space. However, the purpose is to persuade and encourage the usage of public transport and vehicle pooling.

#### 7.1.1. Does the Institute conduct a Green Audit of its campus and facilities?

Institutes inspects and supervises the campus and its facilities internally. A team comprising of Head of the Institute, a person who looks after maintenance work and the gardener conducts audit once in a year to ensure that the campus remains green.

#### 7.1.2. What are the initiatives taken by the Institute to make the campus eco-friendly?

- ★ **Energy conservation:** Due to planned architectural structure of the Institute's building, there is ample natural light and ventilation across the campus. Therefore, the usage of artificial power is minimum.
- ★ **Use of renewable energy:** The Institute has also installed 21.76 KWP PV Solar Power Plant and its cost is ₹ 18,49,600 which consist of following details.
  - a. Solar PV Modules Made in Germany by Masdar PV.
  - b. Grid Connected Invertor Made in Austria by Fronius.
  - c. Cable, Connector, Junction Boxes, Data Logger and Weather Station (Ambient Temperature, Solar Insolation and Wind Speed).
  - d. Mounting Structure and Erection.
- ★ **Water Harvesting:** The Institute is aware of the scarcity of water and judicious use of water. The rain water is deposited in a landscape holding area, a concave area with "edges" to retain water, where it is used by the plants. The Institute adopts depositing of roof top rain water into "barrels". The collected water is being used for plantation and garden in the Institute's campus.

- \* **Water recycling:** The drought condition prevalent from the year 2000 compelled the search of additional source of water for maintaining the greenery of the campus. Most easily available source of water for the plants was the drainage water, which was going waste. In 2003, drainage water of the entire campus was connected through underground pipeline to a constructed tank at the Nakshatra- Garden complex. Thereby, about 3 to 4 Lakhs liters of water is accumulated per day. A special filter has been installed on the tank to filter about 1 lakh liter water per day. The filtered water as well as the raw water (unfiltered) is used for maintaining the plants and lawn of the entire campus.
- \* **Check dam construction:** Not applicable.
- \* **Efforts for Carbon neutrality:** The Institute tries to reduce as much carbon dioxide from the atmosphere by planting maximum trees in and around the campus. The overall goal of carbon neutrality is to achieve a zero carbon footprint.
- \* **Plantation:** The Institute undertakes effective plantation programme inside the campus. The sophistication expressed in developing beautiful landscape all-around the campus of Vidya Pratishthan. The campus has a proper waste processing system which generates manure for the plants and garden in the campus.
- \* **Hazardous Waste Management:** Not applicable.
- \* **E-waste Management:** E-waste is accumulated and periodically handed over to the vendors of electronic equipments for safe and proper disposal.

## 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 have created a positive impact on the functioning of the Institute are as described below.

### 1. Preparation and usage of multimedia contents:

Institute Faculty members develop the contents that are delivered to students through animation techniques. For the interactive teaching process, faculty of the institute has used different multimedia contents in the format of Audio- Video and webinar for better understanding of the topic(s) to students.

### 2. Video Conferencing:

Institute has its own Video Conferencing unit through which various lectures are conducted in association with eminent Corporates in India. The input is given by the Industry and academic experts which benefits the students.

**3. Use of Radio Frequency Identification ( RFID) techniques:**

Every student was given RFID card, and the attendance of the student was recorded with RFID instrument. It had facilitated the institute for time saving, faster process, and avoiding proxy attendance. It had also reduced the paper work substantially.

**4. Use of Biometric Technology:**

Biometric technology is being used for recording attendance of the students as well as staff members. It has facilitated time saving, speedier process of attendance, no proxy attendance and lesser paper work. This results into more transparency and accuracy.

**5. VIIT ERP System**

The Institute is developing its own ERP System. Various modules for the management of inventory, accounts, Human Resource and student's attendance are being incorporated. The details of daily teaching sessions delivered by faculty are being maintained through ERP system (please refer 172.16.0.11).

### **7.3 BEST PRACTICES**

Following are the best practices in respect of academics and social in tune with the institute's mission and objectives.

**Best Practices in Academics:**

**1. Employability Skills Enhancement Programme:**

**Goal:**

The students enroll for management courses expect that they will be given professional inputs for Employability Skills Enhancement Programme. Since, Industry expectations are also on the same lines, institute undertakes the programme.

**Context:**

Up to the graduation level students do not have exposure to industry and the colleges do not put in efforts to groom the personalities of their graduates. The programme intends to bridge the gap and make them employable.

**Practice:**

The faculty members design their teaching plans incorporating the elements of Employability Skills Enhancement activity. Students are trained by involving various practicals. The domain based assignments given by the faculties are innovative enough to instigate students to involve in possibility thinking and creativity. However, the practice has certain limitations such as availability of specific kind of resource and adaptability of the students.

**Evidence of success:**

The practice brings lukewarm success in the initial period. The students are sceptical in the beginning and slowly mould themselves for becoming employable. The success is limited to the extent of adaptability and alertness of the students.

**Problems encountered and resource required:**

The practice encountered initial hiccups. The faculty members and students both were sceptical about the outcome of the practice. After orientation by senior faculty members and industry experts, the faculty members raised issues related to shortage of resources as well as adaptability of the students. The resources required include availability of technical trainer, related books, periodicals, magazines, audio-visual contents and system for language learning.

**2. Alumni Association Activities:****Goal:**

Every Institute seeks support from all its stakeholders. One of the major stakeholders being its alumni can contribute immensely to academic growth of the existing students. Their exposure to industries helps students to understand the expectations of industry once they complete their programme. Institute therefore, has a very strong registered alumni association.

**Context:**

Students pursuing management programme receive academic inputs from various sources. However, they are comfortable with their seniors who had passed out from the Institute. These seniors play vital role in shaping the required mind set. Hence, alumni association bridges the gap between academia and industry.

**Practice:**

The association organizes number of activities. The initiatives include:

- ✦ Guest sessions by alumni
- ✦ Help in roping in the industry expert for interaction
- ✦ Help in summer internship
- ✦ Placement opportunities
- ✦ Help in setting up entrepreneurial venture
- ✦ Social relevance activities – Blood Donation Camp

**Evidence of success:**

The Institute observes that the response they get for various initiatives listed above is phenomenal. Even the attendance for alumni meet is exemplary. Existing students get opportunity for summer internship and placement. Due to interaction with the industry experts, students get enhanced knowledge.

### **Problems encountered and resource required:**

Alumni find it difficult to share more of their time for sustained activities. They are geographically relocated; hence they find it difficult to contribute in person. Therefore, it becomes necessary for the institute to adjust the scheduling of their activities and synchronize accordingly.

### **3. Mobile Computer Van:**

#### **Goal:**

The basic goal of this project is to provide computer education to students from rural areas. Most Indians live in rural areas and are still living with the curse of poverty and helplessness. Now a day, India is vibrant with innovative ideas in the field of usage of Information Technology and is keen to see that the fruit of this new technology brings happiness into their life, which can change the plight of millions, who are deprived of knowledge about the strength of science and technology reaching at their door step.

#### **Context:**

The students from rural areas are deprived of computer education due to non-availability of resources and lack of skilled teachers, etc.

VIIT came up with a solution of “Mobile Computer Van” which reaches the nearby rural areas. The project are not only providing computer education but also providing the basic knowledge component to kindle the minds of the sleeping millions.

#### **Practice:**

In order to contribute to the above mentioned mission, the project called as ‘Mobile Van’ started in the year 2003 with just one bus and 1000 students. The project has continued imparting computer education in its unique way till date. As on date there is fleet of 30 buses running on various routes and about 24,000 rural students are benefited. These students are from 4th Std. to 9th Std. i.e. age group from 9 years to 14 years. Buses are redesigned as a Mobile Computer Lab for 36 students accommodating 2 students to a terminal, with Generator facility in the bus. Two qualified computer teachers per bus and one qualified computer education coordinator per 4 buses and one driver cum cleaner per bus are recruited. In addition to this, 18 multimedia LAPTOPS including cabling, LCD projectors have been provided. The mega project started with the help of World Bank and Japan Social Development Fund. Now it is functioning with support of generous donors under Section 35AC of the Income Tax Act. VIIT has continued to shoulder the responsibilities of rural children’s IT education under the able guidance of the Director. This work has spread out in 4 districts of Maharashtra and also in one district of Haryana.

**Evidence of success:**

Achievements of this project are as under:

- ✦ Reduced downtime on the buses, as they return to base every evening for any required maintenance
- ✦ Offered uninterrupted delivery tools by fitting generators on the buses and ensure that the entire lab works on a 12V batteries
- ✦ Since its inception, the students' yearly growth is continuously increasing. The last four years growth is as follows:

Year	No. of students
2010-11	23,000
2011-12	24,000
2012-13	20,818
2013-14	23,463

**Problems encountered and resource required:**

Mobile van project has occurred following problems.

- ✦ Non availability of hardware
- ✦ Lack of skilled teachers
- ✦ Maintenance of hardware
- ✦ Lack of inconsistent power supply

Apart from this odds and challenges, the Mobile Computer Van project is being successfully continued by VIIT.

**4. VIIT's Vasundhara Community Radio 90.4 MHz (Since 2004):****Goal:**

To provide agri-related information to the farmers from rural areas at their door step.

**Context:**

First set up in India and Maharashtra which is run by an institution to meet the above mentioned goal. Agriculture has been in mainstay of the Indian's economy and over 70% of its population lives in rural areas. Timely availability of reliable information on climate, plant nutrients, production, seeds, fertilizers, new trends and water information is essential for farmers to cultivate land. The solution should be some technology which provide these information to the farmers in rural areas right at their doorstep and that should be affordable.

### **Practice:**

Since 2004, a community radio service catering exclusively to farmers and other communities within a 30-km radius of the tehsil Baramati from Pune district. This is state-of-the art radio station, which have standard recording, editing and transmission facility. The service, which is run and managed by the local people addressing issues relating to the community in the local language Marathi, was introduced by VIIT. The station is operating twice a day, in shifts of four hours in the morning and evening.

### **Evidence of success:**

Today we have over 1200 hours of agricultural related programs ready for broadcasting. It covers around 30,000 farmers. Social aspects such as prevention from HIV/AIDS, stop female feticide, save environment, population control and mal nutrition are also covered. Our main focus is farmer and student community. Few successful projects:

- ✦ Completed with the financial assistance from Department of Science & Technology (DST), Government of India called ‘**ATMAJA**’ – science for woman’s health. It aimed to inculcate scientific awareness among woman by empowering them with practical, scientific knowledge indispensable in everyday life, namely science in kitchen, hygiene, agriculture, housekeeping, nutrition, education and parenting of the children. Series of 365 programs on above theme in radio magazine format produced and aired.
- ✦ In 2010-11 Department of Science & Technology (DST), Government of India sanctioned another project called ‘**PLANET EARTH**’ – about environment awareness. It aimed to create environment awareness among the students, to create eco-friendly and sustainable society and to give people a chance to express their views on environment and global warming.
- ✦ Different social issues are also covered by Vasundhara Community Radio such as ‘Road safety campaign’. In association with Regional Transport Office (RTO) Vasundhara plays major role in the awareness of safety driving and traffic rules. Our station supports them to broadcast their activities on air. Another social event called ‘*Wari Janjagran Abhiyan*’ is being organized by Vasundhara from last three years on behalf of ‘*Sant Tukaram Maharaj Palkhi Sohala*’. In this event our team aware about female feticide, HIV AIDS, women education etc. with the help of local artist.

### **Problems encountered and resource required:**

Following problems have been encountered by VIIT’s Vasundhara Community Radio:

- Since the radio is covering radius of 30 kms, therefore, rest of the farmers are away from valuable information
- Limited number of production studio – radio has limitation to produce more programmes

- Most of the time radio is facing smooth flow of finance as the receipts on account of advertisement is blocked/delayed by parties.

**Contact Details:**

Name of the Director: Dr. Amol C. Goje

Name of the Institute: Vidya Prathishthan's Institute of Information Technology

City: Baramati, Dist.: Pune

Pin Code: 413 133

Accreditation Status: In process

Work Phone: 02112 – 239551/2/3/4

Fax: 02112-239550

Website: [www.viitindia.org](http://www.viitindia.org)

E-mail: [info@viitindia.org](mailto:info@viitindia.org)

[director@viitindia.org](mailto:director@viitindia.org)

Mobile: 9823 082 835

**VIDYA PRATISHTHAN'S**  
**INSTITUTE OF INFORMATION TECHNOLOGY**

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**Evaluative Report of MCA Department**

1. Name of the Department: Master of Computer Applications (MCA)
2. Year of establishment: 2001
3. Names of the programmes: 3 years, Full Time, Master of Computer Applications affiliated to University of Pune
4. Names of interdisciplinary courses and the departments/units involved: Not Applicable
5. Annual/Semester/Choice Based Credit System: Semester and Choice Based Credit System.
6. Participation of the department in the courses offered by other departments: MCA faculty members deal with technical subjects related to computers for MBA department.
7. Courses in collaboration with other universities, industries, foreign institutions, etc.: Nil
8. Details of courses/programmes discontinued (if any with reasons): Nil
9. No. of teaching posts: 12
10. Faculty profile with name, qualification, designation, specialization:

Sr. No.	Name of Faculty	Qualification	Designation	Specialization	No. of years experience	No. of PhD students guided for last 4 years
1	Dr. Amol Goje	BE, M.Sc. Ph.D.	Director	Computer	25	02
2	Dr. Rajendra Chaudhari	B.Com, M.Com, DCA, MMS, PhD	Associate Professor	Finance	24	
3	Mr. Sridhar G.	MCA, M.Phil.	Associate Professor	Computer	16	
4	Mr. Yogesh Raje	BE(CS), MBA	Assistant Professor	Computer	13	
5	Mrs. Rohini Gaikwad	BCS, MCA	Assistant Professor	Computer	10	
6	Mr. Dhananjay Bhavsar	B. Sc.,MCA	Assistant Professor	Computer	12	
7	Mr. Ajit Adsul	B.Pharm. MBA, M.Phil.	Assistant Professor	Marketing	09	
8	Mr. Mayank Kothawade	B. Sc., MCA	Assistant Professor	Computer	08	
9	Mr. Ashfak Shaikh	B. Sc, MCA	Assistant Professor	Computer	08	

10	Ms. Mugdha Phadnis	B. Sc., MCA	Assistant Professor	Computer	06	
11	Ms. Prajakta Dhodapkar	B. Sc., MCA	Assistant Professor	Computer	05	
12	Mr. Santosh Parakh	B. Sc., MCA	Assistant Professor	Computer	06	

11. List of senior visiting faculty: Nil
12. Percentage of lectures delivered and practical classes handled by temporary faculty: Nil
13. Student-Teacher ratio: As per AICTE norms for both the departments.
14. Number of Academic support staff (Technical) and Administrative Staff: Sanctioned & Filled: 10
15. Qualifications of teaching faculty with D.Sc. D.Litt., M.Phil., PG, PhD: Please refer table shown under item no. 10 of Evaluation Report.
16. Number of faculties with ongoing projects from
  - a. National funding agencies & grants received: Nil
  - b. International funding agencies & grants received: Nil
17. Departmental projects funded by DST-FIST, UGC, DBT, ICSSR, etc. and total grants received: Nil
18. Research centre or facility recognized by the university: Research Centre approval no. is CA 486 Dated: 13/7/2012 recognized by the University of Pune for management.
19. Publications: Please refer to item no. 3.4.3 of SSR page no. 61
20. Areas of consultancy and income generated: Please refer to item no. 3.5.4 of SSR page no. 68.
21. Faculty members in
  - a. National committees: Nil
  - b. International committees: Nil
  - c. Editorial Boards: Nil
22. Student projects:
  - a. Percentage of students who have done in-house projects including interdepartmental programmes: Nil
  - b. Percentage of students placed for projects in organizations outside the institute, i.e., in research laboratories/ industry/ other agencies: 100%
23. Awards/Recognitions received by faculty & students: Please refer to item no. 3.4.1 on page no. 60, 3.4.4 on page no. 66 and 5.3.1 on page no. 109 of SSR.
24. List of eminent academicians and scientists or visitors to the department: List of eminent academicians and visitors are available in the details of events organized (such as seminars, workshops, FDPs, Guest lectures, etc.) mentioned under respective heads of SSR.
25. Seminars/Conferences/Workshops organized and the source of funding:
  - a. National: University of Pune, AMMI & MAMI. Please refer item no. 1.1.3/1.1.4 of SSR
  - b. International: Nil
26. Student profile: Programmes or Course wise: Please refer item no. 2.1.6 page no. 31 of SSR.
27. Diversity of students: Please refer item no. 2.1.5 page no. 30 of SSR.

28. How many students have cleared national and state competitive examinations: Please refer item no. 5.1.7 page no. 103 of SSR.
29. Student progression: Please refer item no. 5.2 page no. 108 of SSR.
30. Details of infrastructural facilities: Please refer item no. 4.2.1/4.2.2/4.2.3/4.2.4 page no. 85-88 and 4.3.1/4.3.2/4.3.3 page no. 92-98 of SSR.
31. Number of students receiving financial assistance from college, university, government or other agencies: Please refer item no. 5.1.3 page no. 101 of SSR.
32. Details on student enrichment programmes (special lectures/workshops/seminars) with external experts: Please refer item no. 1.1.3/1.1.4/1.2.1 page no. 21 & 23 of SSR.
33. Teaching methods adopted to improve student learning: Please refer item no. 2.3.8 page no. 38 of SSR.
34. Participation in institutional social responsibility (ISR) and extension activities: Please refer item no. 3.6.6/7.3 page no. 70 & 131 of SSR.
35. SWOC analysis of the department and future plans: Please refer Executive Summary on page no. 6-9 of SSR.

**VIDYA PRATISHTHAN'S**  
**INSTITUTE OF INFORMATION TECHNOLOGY**

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**Evaluative Report of MBA Department**

1. Name of the Department: Master of Business Administration (MBA)
2. Year of establishment: 2008
3. Names of the programmes: 2 years, Full Time, Master of Business Administration, affiliated to University of Pune
4. Names of interdisciplinary courses and the departments/units involved: Not Applicable
5. Annual/Semester/Choice Based Credit System: Semester and Choice Based Credit System for both the departments.
6. Participation of the department in the courses offered by other departments: MBA faculty members teach core management subjects in MCA department.
7. Courses in collaboration with other universities, industries, foreign institutions, etc.: Nil
8. Details of courses/programmes discontinued (if any with reasons): Nil
9. No. of teaching posts: 08
10. Faculty profile with name, qualification, designation, specialization:

Sr. No.	Name of Faculty	Qualification	Designation	Specialization	No. of years experience	No. of PhD students guided for last 4 years
1	Dr. Anand Kharapas	B.Com. M.Com. PhD.	Professor	Finance	40	02
2	Dr. Rupendra Gaikwad	B.Sc., MBA, MPhil, NET, Ph.D.	Associate Professor	Marketing	19	
3	Dr. Sateeshchandra Joshi	M.Com, MPM, BSL, Ph.D.	Associate Professor	HR	34	
4	Mr. Popat Mohite	MA, MPM	Associate Professor	HR	30	
5	Mr. Sagar Nimbalkar	B. Pharm, MBA, NET	Assistant Professor	Marketing & HR	06	
6	Mr. Yuvraj Nalwade	B. Com, MBA	Assistant Professor	Finance	05	
7	Mrs. Manisha Shelkande	B.Sc. (Agri), MBA (Mkt., Fin.), NET	Assistant Professor	Marketing & Finance	04	
8	Mr. Mangesh Kamble	B.Sc. (Physics), MBA	Assistant Professor	Marketing	05	

11. List of senior visiting faculty: Nil

12. Percentage of lectures delivered and practical classes handled by temporary faculty: Nil
13. Student-Teacher ratio: As per AICTE norms for both the departments.
14. Number of Academic support staff (Technical) and Administrative Staff: Sanctioned & Filled: 07
15. Qualifications of teaching faculty with D.Sc. D.Litt., M.Phil., PG, PhD: Please refer table shown under item no. 10 of Evaluation Report.
16. Number of faculties with ongoing projects from
  - a. National funding agencies & grants received: Nil
  - b. International funding agencies & grants received: Nil
17. Departmental projects funded by DST-FIST, UGC, DBT, ICSSR, etc. and total grants received: Nil
18. Research centre or facility recognized by the university: Research Centre approval no. is CA 486 Dated: 13/7/2012 recognized by the University of Pune for management.
19. Publications: Please refer to item no. 3.4.3 of SSR page no. 61
20. Areas of consultancy and income generated: Please refer to item no. 3.5.4 of SSR page no. 68.
21. Faculty members in
  - a. National committees: Nil
  - b. International committees: Nil
  - c. Editorial Boards: Nil
22. Student projects:
  - a. Percentage of students who have done in-house projects including interdepartmental programmes: Nil
  - b. Percentage of students placed for projects in organizations outside the institute, i.e., in research laboratories/ industry/ other agencies: 100%
23. Awards/Recognitions received by faculty & students: Please refer to item no. 3.4.1 on page no. 60, 3.4.4 on page no. 66 and 5.3.1 on page no. 109 of SSR.
24. List of eminent academicians and scientists or visitors to the department: List of eminent academicians and visitors are available in the details of events organized (such as seminars, workshops, FDPs, Guest lectures, etc.) mentioned under respective heads of SSR.
25. Seminars/Conferences/Workshops organized and the source of funding:
  - a. National: University of Pune, AMMI & MAMI. Please refer item no. 1.1.3/1.1.4 of SSR
  - b. International: Nil
26. Student profile: Programmes or Course wise: Please refer item no. 2.1.6 page no. 31 of SSR.
27. Diversity of students: Please refer item no. 2.1.5 page no. 30 of SSR.
28. How many students have cleared national and state competitive examinations: Please refer item no. 5.1.7 page no. 103 of SSR.
29. Student progression: Please refer item no. 5.2 page no. 108 of SSR.
30. Details of infrastructural facilities: Please refer item no. 4.2.1/4.2.2/4.2.3/4.2.4 page no. 85-88 and 4.3.1/4.3.2/4.3.3 page no. 92-98 of SSR.
31. Number of students receiving financial assistance from college, university, government or other agencies: Please refer item no. 5.1.3 page no. 101 of SSR.

32. Details on student enrichment programmes (special lectures/workshops/seminars) with external experts: Please refer item no. 1.1.3/1.1.4/1.2.1 page no. 21 & 23 of SSR.
33. Teaching methods adopted to improve student learning: Please refer item no. 2.3.8 page no. 38 of SSR.
34. Participation in institutional social responsibility (ISR) and extension activities: Please refer item no. 3.6.6/7.3 page no. 70 & 131 of SSR.
35. SWOC analysis of the department and future plans: Please refer Executive Summary on page no. 6-9 of SSR.

## **Declaration by the Head of the Institution**

I certify that the data included in this Self-Study Report (SSR) are true to the best of my knowledge.

This SSR is prepared by the institute after internal discussions, and no part thereof has been outsourced.

I am aware that the peer team will validate the information provided in this SSR during the peer team visit.

**Place: Baramati**

**(Dr. Amol C. Goje)**

**Date:**

**Director**

**Seal**

## **Certificate of Compliance**

This is to certify that Vidya Pratishthan's Institute of Information Technology fulfils all norms

1. Stipulated by University of Pune and/or
2. All India Council for Technical Education, New Delhi and
3. The affiliation and recognition is valid as on date.

In case the affiliation / recognition is conditional, then a detailed enclosure with regard to compliance of conditions by the institution will be sent.

It is noted that NAAC's accreditation, if granted, shall stand cancelled automatically, once our institute loses its affiliation to University of Pune or recognition by the AICTE, New Delhi, as the case may be.

In case the undertaking submitted by our institute is found to be false then the accreditation given by NAAC is liable to be withdrawn. It is also agreeable that the undertaking given to NAAC will be displayed on our institute website.

**Date:**  
**Place: Baramati**

**(Dr. Amol C. Goje)**  
**Director**

## ANNEXURE I

### University of Pune

Telephone Nos. :

020-25691233  
25601257  
25601258  
25601259



ACADEMIC SECTION  
Ganeshkhind, PUNE-411007, INDIA

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e-mail : [dyracademic@unipune.ac.in](mailto:dyracademic@unipune.ac.in)

Date : 26/06/2014

Ref No. : CA/7119

#### TO WHOM IT MAY CONCERN

This is to certify that Vidya Pratishthan's, Institute of Information Technology, Vidyanagari, Baramati is affiliated to University of Pune, since 2001 and recognized by Government of Maharashtra and approved by AICTE and the following programme/course is taught in the said institute, as per approval.

Sr. No.	Courses	Duration	Affiliation	Intake	Validity Period
1.	Master of Computer Application (MCA)	3 Years	Permanent	30	Permanent
2.	Master of Computer Application (MCA)	3 Years	Temporary	90	2014-2015
3-	Master of Business Administration (MBA)	2 Years	Temporary	60	2014-2015

  
Director,  
BCUD, University of Pune

## **ANNEXURE II**

UGC 2(f) and 12 b certificate: NOT APPLICABLE

## **ANNEXURE III**

ISO 9001-2000 Certificate if any: NIL

## **ANNEXURE IV**

List of subjects – Syllabus revision: NOT APPLICABLE

## **ANNEXURE V**

List of Teachers who have attended Refresher Course and Orientation Programme in the last 5 years: NIL

## **ANNEXURE VI**

List of Minor and Major research: As shown on the page no.                      of Criterion III of SSR

## **ANNEXURE VII**

Master Plan of the Institute: As shown on the page no.    of Criterion IV of SSR