ANNUAL QUALITY ASSESSMENT REPORT

Name of the Institute: **School of Computer Science & Information Technology**

Year of Report: **2012-2013**

PART A: The plan of action chalked out by the IQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year.

1. Curricular Aspect	• Grade-Credit System is followed
	• The Devi Ahilya University is one of the pioneers in starting the computer department way back in 1986, when only few universities in the country were given sanction by UGC/DOE to start the MCA programme.
	• After one year in 1987, the Defence Research Development Organisation sanctioned M.Sc. Computer Science programme with an intake of 30 seats.
	• We are one of the first in the country to start innovative programmes like M.Tech. Information Architecture & Software Engineering in 2008.
	• Only one integrated program is run in SCSIT. BCA + BCA(Hons) + MCA(Integrated)
	• The concerned teachers are also given flexibility to update the syllabus and Curriculum revision is done as per industry requirements
	• This syllabus is reviewed by subject experts (Review committee) and feedback results.
	• Curriculum is mapped with NET and GATE syllabus.
	• Course syllabi are based on syllabus revision from the latest ACM/IEEE international curricula.
	• Also, the feedback from alumni working at senior positions, industry experts has helped us to introduce latest subjects, for example Cloud Computing, Service Oriented Architecture.
	• M.Tech. Embedded Systems, Mobile Computing and Spatial Information Technology at School of Electronics are interdisciplinary and are supported by Computer Science Faculty Members.
	• Courses on Motivation, Communication Skills, English & Personality Development, Special courses on Android,

	VB.net, Database & Data mining are organized for students on regular basis.
	• List of Core/ Elective options – Electives offered at M.Tech., MSc & MCA courses.
2. Teaching – learning and Evaluation	• Excellent demand ratio for the various programmes of the university departments (M.Tech (CS/NM/SE), MCA VYAPAM, M.Sc. (CS/IT))
	• An Orientation program is organized for fresher students every year before commencement of classes.
	• Motivation lectures are organized regularly for fresher students.
	• The weak students are identified after each class tests and the extra classes are arranged for weaker students The academic calendar of the university and course plan includes schedule of orientation, induction, orientation, remedial, advanced learner classes, cultural and sports activities.
	• Course plan and detailed teaching plan is designed for each course.
	• Student kit is prepared for each course and it is given to the students.
	• Every teacher maintains teacher's diary cum attendance register and laboratory teachers maintain laboratory cum attendance register
	• Evaluation results and the answer copies shown to the students to resolve grievances. Best answers and best copies are also shown.
	• Grades are finalized within two weeks at the end of each semester.
	• Regular Monitoring by Academic Planning Committee and frequent checks by senior faculty.
	• Regular quizzes and, seminars with student participation organized in every subject.
	• The power point presentations prepared by faculty are uploaded on the site. The students are encouraged to visit and study the lectures prepared by IIT professors.
	• Faculty members have delivered VIDEO lectures over

		EDUSAT through Education Media Research Centre, DAVV.
		• The faculty members have prepared power point presentations for the subjects taught. These PPTs are uploaded on the web site.
		• The student laptop connected to internet through WiFi for 24x7 learning in campus and hostels.
		• Class Coordinators are appointed for each class to deal with the student teaching/ learning, exam, events etc.
		• Mentors are allocated for the course period of every batch. The mentor does counseling every week for academic, social and career problems.
		• Detailed course plan with aim & objectives.
		• Software companies for example TCS, Infosys, Wipro, Impetus, Cognigent, Accenture, TechLink, and Infobeans etc. provide the project training to the students.
		• RR-CAT, Indore, IIIT Allahabad, Soyabean research Indore alsor provide training to the students.
		• All the faculty members are well qualified and recruited according to UGC/ AICTE norms. Continuous evaluation of the students
		• Student feedback is collected from the students
		• Assessment workshop is conducted at the end of each semester and faculty member discuss the issues they observed in the teaching learning process. The senior faculty members suggest and guide them to improve the teaching learning process.
		• Proceeding of the assessment is prepared and kept with assessment committee of the department.
		• The academic planning committee monitors the implementation.
		• Department has specialized faculty members in different areas of computer science.
		• Department follows the ordinance 31. The answer copies are shown to the students. If the student is not satisfied with evaluation, he/she can request teacher for review/ correction. The grievance, not resolved, if any can be presented before the experts at the end-semester comprehensive viva.
		• Pre-exam process for filling exam forms and admit card generation is online. The sealed papers are opened 10 minutes before the commencement of the examination.
		• Each faculty member evaluates the students by conducting internal and external examinations. Also, the students are evaluated by laboratory assignments, participation in quizzes, presentations, classroom and homework assignments.
3.	Research, consultancy and Extension	• To enhance the research activities in the department, there is a need to develop a separate research committee. Departmental Research Committee is thus formed
		• University level research motivation seminar conducted on

	January 15th, 2013. National level eminent experts were invited.

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- The department is funded by UGC and DST for carrying out the research activities.

- Various national level workshops are organized to promote research activities in the department. Eminent scientists/scholars have participated in these events.

- Library has subscribed to online journals, which includes access to topmost journals in computer science like ACM, IEEE & Elsevier.

- Faculty Dr Rajkamal, Dr S Tanwani, Dr P Kanungo & Dr M Ingle has reviewed papers submitted for CSI Journal

- Faculty serving as members of steering committees of international conferences recognized by reputed organizations / societies

- Dr Rajkamal, Dr M Ingle, and Dr S Tanwani as keynote speaker in large number of international conferences held in reputed organisations

- Dr Rajkamal, Dr M Ingle, Dr S Tanwani and Dr D S Bhilare as session chair in large number of international conferences held in reputed organisations.

- Two faculty members Dr Rajkamal and Dr Hemant Mehta awarded national level prize

- Dr Rajkamal got best paper award by Indian Society of Agricultural Statistics for best paper in 2012.

- Ph.D. thesis of Dr. Hemant Mehta got Runner-up position in Outstanding Doctoral Dissertation Award in International conference on soft Computing for Problem Solving (SocPros 2011) at IIT Rookee in Dec 2011.

- Dr. Hemant Mehta was awarded Nixi Fellowship worth 1000\$ to participate In 20th International WWW Conference, 2011 at Singapore.

- Following faculty members have given consultancy

  Dr. S. Tanwani

  a. Expert Member, MP Road Development Corporation

  b. Expert Member, Technical Committee, State Bank of India

  c. Consulted computer centre staff for on online registration, enrolment, exam form filling, admit card print of more than

		1,80,000 students.
		d. Visiting Faculty, IIT Indore from July 2010 to April 2011
		Dr. D.S. Bhilare
		a. Expert Member, MP Road Development Corporation
		b. Active participation in examination system automation for the university as Head, Computer Centre.
		Dr. M. Ingle
		a. Visiting Faculty, IIIT Jabalpur
		b. Visiting Faculty, IIT Indore from July 2010-Dec 2010
		• Department has signed MOU with Raja Ramanna Centre for Advanced Technology (RRCAT), Indore; National Research Centre for Soyabean (NRCS), Iindore; I^2IT, Pune.
		• Seminar on "Tobacco and its harms"…………… by Indian Dental Association and Dental College for UTD students organized
		• Seminar on "Women Health and Well Being" By- Dr. Prerna Jain(Gynaecologist & FOGSI member) was organized on 21st Feb, 2013.
		• The doctor gave an awareness lecture on women health issues and also solved the health queries of many girls. About 250 girls from the department were benefitted.
		• Regular activity organized by students where the students collect clothes, book, stationary etc. from the students and faculty of the department and then distribute them to needy people in slum areas.
		• Students have also organized blood donation camp in SCSIT during teachers day/ annual function
4.	Infrastructure and Learning Resources	• The school has recently built up excellent infrastructure and learning resources in 2009 costing Rs. 10.0 crores. • It is situated in the central area of Takshashila campus of Devi Ahilya University over an area of 7860 square meters which includes a large main building that accommodates both the administrative office and the academic block. It has seven lecture halls, two multimedia theaters and more than ten laboratories and the department library. • The lecture rooms are spacious and well ventilated. Each lecture hall is well equipped with white and black board out of which some are equipped with multimedia projectors. • Dr. A. K. Ramani Memorial Hall has 240 seats and is used by

	other UTD for is used for organizing lectures, conferences and workshops.
	• Around 15-20 conferences/seminars and workshops are held every year. The lectures by eminent speakers are conducted for the benefit of the students and faculty members.
	• The administrative office includes reception area, office area and record keeping room.
	• School has an Examination control room which facilitates record keeping of various examination's details and mark-sheets of students.
	• The school has more than two hundred and twenty computers which are made use of by both students and staff.
	• The computer laboratories are well equipped and carefully maintained. They are categorized as Research Lab, Programming Lab-1, Programming Lab-2, Database and Data mining Lab, Networking Security Lab, Electronics Lab and Language lab.
	• There is adequate facility for the students to perform all prescribed experiments and do project work. All the Pentiums are equipped with high computing speed and internet access capability.
	• All the faculty members are provided with individual PC's, internet facility and the printer.
	• A large part of the campus is flourishing garden of more than 500 trees, ornamental plants and flowers.
	• The school has excellent facilities for sports. It has badminton courts and table tennis within the main block.
	• The students share the football ground and cricket ground of Devi Ahilya University. The school encourages participation of students in sports and athletic competitions.
	• Students have participated in State, Regional and National in various sports.
	• They have exhibited high level of performance and have won awards at all levels.
	• The school shares a large university canteen used by both staff and students. Along with the canteen Indian Coffee House is also located in campus.
	• For the well being and convenience of staff and students, a medical center, day care centre, branch of State Bank of India and Post Office are situated within the campus.
	• Additional English language lab equipped with microphones and clarity software are provided to students of all classes. Computer Labs: 06, Servers: 05, No. of computers: 241, Internet and wifi facilty: Enabled on all computers, Multimedia Lecture theatres: 02, Multimedia enabled faculty meeting hall: 01, Projectors: 04 working
	• Library is fully automated library.
	• It has 16,053 text books & reference books are available in the library,All the books of library are fully bar-coded.

		• we use a software that is made by UGCINFCLBNET Name of the software is (SOUL 2.0)
		• We provide 4 books to each students for 5 days and It could be renewal after due date.
		    - For SC/ST students, we provide 3 books to each students those who are some in SC/ST category upto full semester.
		    - 1100 e lecture CDS are available for all the member of the department.
		    - All the books are secured by radio frequency. Antenna installed in entry gate of Library. There are Six person/employee are working in the Library.
		• Annual department Library budget is 5 Lakh Rupees.

5.	Student Support and Progression	• The department has following Committees for various student services :
		    • The Academic Planning Committee
		    • Student Co-curricular & Placement Committee
		    • Result & Examination Committee
		    • Assessment & Research Committee
		    • Laboratory & Infrastructure Development Committee
		    • Library Development Committee
		    • Students Clubs
		    • Discipline, Grievances and Complaints cell
		• Several students who appeared/qualified in examinations like UGC-CSIR-NET, UGC-NET, SLET, ATE / CAT / GRE / TOFEL / GMAT / Central / State services, Defense, Civil Services, etc.
		
		• Scholarship and fee reimbursement to ST/SC and OBC through state government
		
		• All M.Tech. courses run by the department are AICTE approved. Most of the students taking admission in M.Tech. are GATE qualified and receive Rs. 8000/- per month as stipend.
		
		• One student received scholarship from minority cell and few students receive financial assistance from the community they belong to.
		
		• Few students employed in the department under earn-while-learn scheme and receive financial support by the university.
		
		• The department conducts an annual function, where sports, cultural and extra curriculur activities are held. Also, the activities are conducted at university level.
		
		• The facilities available in department: table tennis, Badminton, Cricket & Chess. University Level facility includes Lawn

		tennis, Atheletic ground, basket ball & gymnasium.
		• Sports and extracurricular calendar and details of students' participation.
		• Department organizes sports and cultural activities once in a year. Also University announces calendar for these activities where our students participate actively.
6.	Governance & leadership	• The vision of the department is "To achieve excellent standards of quality education by keeping pace with rapidly changing technologies and create manpower of global standards with capabilities of accepting new challenges."
		• The MISSION of the department are: • *To produce world-class professionals who have excellent analytical skills, communication skills, team building spirit and ability to work in cross cultural environment.* • *To produce international quality IT professionals, who can independently design, develop and implement computer applications.* • *Professionals who dedicate themselves to mankind, who are environment conscious, follow social norms and ethics.*
		• The Management maintains transparency in communicating the intent of the organization to all its employees through clarity in authority and delegation to achieve positive results in improving performance of the institution through the following acts.
		• Frequent faculty meetings at school level. For effective implementation of policies and plans, the school emphasizes on the reviews made by various committees constituted by involving Faculty are given below: • Academic Planning Committee • Placement Cell • Internal Quality Assurance Cell (IQAC) • Industry Institute Relationship Cell • Library and Laboratory Infrastructure Committee • Exam and result Committee • Disciplinary Committee • Grievance Redressal • Alumni Association • Anti- Ragging
		• Faculty and Students also participate in the management of Institute by giving suggestion about purchasing of equipment in laboratory, books and other study material in Library, timings of Institute and library , sports and research .
		• Function of Class Coordinators and working committee are strategic to groom leadership at various levels.
		• Student services are provided by the Head's Office, Academic

		Planning Office, Advising Office, the Placement Office, Student Co-curricular Office, the Industry Interface Office, Result & Examination Office, Assessment & Research Office, Laboratory & Infrastructure Office, Library Development Office and the Student Clubs / Alumni Association Office. • It is our intention to provide our students with a sense of community within the school.
7.	Innovative practices	• ICT enabled classrooms. • Online form submission through MP Online portal. • WiFi Connectivity in campus • 1000 plants are planted in the premises. Centre Plaza and backside lawn is also full of plants. It makes department environment friendly for the students, staff and faculty. • Polythene Free Campus: It is not allowed to use polythenes withing the premises. • University has initiated Green Plicy document released by Bharat ratna Dr A P J Abdul kalam on June 12, 2013.

Part B: Action Taken during the Year

01	Activities reflecting the goals and objectives of the institution	a. Regular teaching with teaching aids b. Syllabi coverage: 100 % and full promotion of research activities c. Provide concepts to crack various competitive examinations.
02	New academic program initiated (UG and PG)	None during 2012-13
03	Innovations in curricular design and transaction	Student feedback was considered to update the syllabus. Student feed back was taken after every six months, in May and in December.

04	Inter-disciplinary programmers started	• School of Electronics, Computer Science & IT, and IET collaborate in running interdisciplinary courses like:
		  1. Spatial Information Technology,
		  2. Mobile Computing
		  3. Embedded Systems.
		• Subjects like communication skills, English, Accounts, Entrepreneurship, Environment Awareness, Physics etc. are part of curriculum. Classes of English Language Lab, personality development, interviewing skills etc. are conducted every semester.

05	Examination reforms implemented	Semester system is followed and the answer sheets were shown to the students after evaluation.
06	Candidates qualified NET/SLET/GATE etc.	GATE: 13 NET: 02
07.	Initiative towards faculty development programme	1. Mr. Nitin Uikey (20/07/2012 to 09/08/2012): Refresher Course 2. Ms. Archana Chaudhary (18/01/2012 to 7/02/2012): Refresher Course 3. Mr. Hitesh Ninama (28/01/2012 to 24/02/2012): Orientation Course 4. Ms. Chaitali Uikey (05/12/2012 to 24/12/2012): Refresher Course
08	Total number of seminars/workshops conducted	Total 21 • Seminar on "Information Security and Ethical Hacking" by APPIN TECHNOLOGY LAB, Indore,10th January, 2012. • One day Workshop by Dr. Maya Ingle on "Language Theory", 25th January 2012 • Presentation on "Student Visa for US" in MMT-02. Speaker: Ana Himelic, Vice Consul, from US Consulate General 9th Feb, 2012 at 4:30 p.m, • "Motivational lecture" by Mr. Sandeep Atre on 1st February 2012. • Workshop for "Campus Selection" by Edgemakers, 11th Feb, 2012 . • Organised one day workshop on "Teaching Methodologies in Database & Data Mining" on 13th Feb, 2012. • One day workshop on "Mobile Computing" on March 5, 2012. • Workshop on "Automated Testing Tools & Techniques" by Mr. Ashok Holani, 14th April, 2012. • One day workshop on "Interview Preparation" by Mr. Parakram Singh from CH Edgemakers, 18th August, 2012. • One Day "Orientation Program for I year students" by Mr. Prakhar Shukti from CH Edgemakers, 22nd August, 2012. • "Campus Buzz" Mr. Prakhar Shukti from CH Edgemakers,22nd August, 2012

		• One day workshop on "Quality Issues in Academics, Paper Setting and Valuation" on 26 September, 2012.
		• Cultural program twice by SPIC – MACAY in September 2012 and February, 2013
		• One day workshop on "Come Out of Shell" by Mr. Rajendra Deshmukh (Renowned Theatre artist) & his team, 3rd October, 2012.
		• Conducted "English Language LAB classes" for 290 students of various departments of university by Mr. Gaurav Shrivastav, 29th Oct to 09th November2012.
		• One day workshop by Mr. Ram Hablani on "Carrier Opportunities in CS and IT", 22nd Nov. 2012.
		• Workshop on "Issues and Challenges in e-governance", 15th December, 2012.
		• Lecture on Text Mining & motivation for Ph.D. students on Jan 17, 2013 by Dr Hemant Jain, University of Wisconsin, USA.
		• Lecture on "Language & IT": 11th Feb,2013- Prof. R.C. Sharma KOREA
		• Cultural program twice by SPIC – MACAY in February, 2013
		• Two days State Level Workshop on "Cloud Computing" (SLWCC'13) on September 6-7, 2013 at SCSIT, DAVV, Indore.
09	Research projects a)Newly implemented b)Completed	• UGC-SAP research project for Database & Data Mining.
10.	Patents generated if any	None
11.	New collaborative research program	Research Collaborations • Collaboration with Prof. Hemant Jain, University of Wisconsin, Milwakee on Text Mining & Health Informatics(So far four telephonic meetings on skype and daily mail exchanges in the last semester)
12.	Research grants received from various agencies	1. UGC under Infrastructure development, 10.0 Lacs 2. Department of Science & Technology under FIST, 25.0 lacs 3. UGC under SAP (Database & Data Mining), 50.0 lacs

13	Details of Research scholars	Dr. Raj Kamal (01, submitted, 03 registered) Dr. Sanjay Tanwani (06 registered) Dr. (Mrs.) Maya Ingle (01, submitted, 05 registered) Dr. Priyesh Kanungo (03 registered) Dr. D.S. Bhilare (07 registered) Dr. Ugrasen suman (01 submitted, 08 registered) Dr. A. K. Goyal (02 registered) Dr. P. K.Chande (04 registered) Dr. N. S. Choudhary (01 registered)
14.	Citation index of Faculty members and impact factor	Dr. Ugrasen Suman (H Index 12)
15	Honors/Awards to the faculty	- Dr. Rajkamal - A research paper with Savita Kolhe, H. S. Saini and G.P. Gupta has been given best paper award by Indian society & Agricultural Sciences. - Dr. (Mrs.) Maya Ingle - All India Association of Information Technology awarded recognition of dedication, outstanding performance, lasting contribution and excellent services in IT sector, 15 November 2007. - Dr. D. S. Bhilare - Invited as a conference chair in 2nd IEEE International Conference on educational and Information Technology, held during 17-19 September, 2010 [ICEIT – 2010], Chongqing, China. - Programme Committee Chair: IEEE, International Conference on Information and Computer Networks ICICN 2011, International Conference on Information and Education Technology ICIET 2011 January 26-28, Guiyang, China - Dr. Priyesh Kanungo - Best paper award of the conference: "On Trust Management and Reliability Issues in Distributed

Scheduling Algorithms," International Conference on Advance Computing and Utility and Cloud Computing (ICoAC), 14-16 December, Anna University, Chennai in Association with IEEE Chennai section 2010. (Paper available on in IEEE Xplore).

o Best paper award of the session: "Dynamic Load Balancing Algorithm for Scalable Heterogeneous Web Server Cluster with Content Awareness," 2nd International Conference on Trendz in Information Sciences & Computing, (TISC) 2010, Satyabhama University, Chennai, India, pp. 143-148 (Print ISBN: 978-1-4244-9007-3, Paper available on IEEE Xplore, Digital Object Identifier: 10.1109/TISC.2010.5714626).

- Ms. Preeti Saxena
o Received Gold Medal from Devi Ahilya University, Indore for securing First position in M.Tech. (Computer Science) 2009.

- Mr. Ajay Tiwari
o Best paper award of the session: "Dynamic Load Balancing Algorithm for Scalable Heterogeneous Web Server Cluster with Content Awareness," 2nd International Conference on Trendz in Information Sciences & Computing, (TISC) 2010, Satyabhama University, Chennai, India, pp. 143-148 (Print ISBN: 978-1-4244-9007-3, Paper available on IEEE Xplore, Digital Object Identifier: 10.1109/TISC.2010.5714626).

- Dr. Hemant Mehta
o Best paper award of the conference: "On Trust Management and Reliability Issues in Distributed Scheduling Algorithms," International Conference on Advance Computing and Utility and Cloud Computing (ICoAC), 14-16 December, Anna University, Chennai in

		Association with IEEE Chennai section 2010. (Paper available on in IEEE Xplore).
		• Ms. Pritika Bahad
		o Received third prize in Six day workshop "Robocamp 2011" held at IIIT, Hyderabad for designing "Low Price Household Smoke detector".
16	Internal resources generated	Self finance Courses started • BCA • MCA (Integrated) • M.Sc. (Information Technology) • MBA(Computer Management)
17.	Details of departments getting SAP, FIST, etc assistance/recognition	None
18.	Community services	• Blood Donation Camp on Sep 5, 2010 & 2011 • Training Programme for senior citizens, June 2009. • Training programme on Database & Data mining in July 2010 attended by 60 selected participants. • Software for Sindhu Sahkari bank, Indore developed & maintained by MCA students. • Software for Blood Donor organization developed & maintained by MSC Computer Science. • Seminar on 'Disaster Management' by Disaster task Force, Ahmedabad, Feb 17, 2012. • Training programme for Blind students with support of NTPC foundation, June 2013 • Training programme for non ICT faculty members with support of Microsoft India Pvt. Ltd., June 2013. • The students help poor through a sanstha called 'samarpana'. Old clothes, sweets are collected from students and given to poor in nearby slum areas. • Seminar on "Tobacco and its harms"…………… by Indian Dental Association and Dental College for UTD students organized by Dr Nema of Dental College, Indore. • Seminar on "Women Health and Well Being" By- Dr.

		Prerna Jain(Gynaecologist & FOGSI member) was organized on 21st Feb, 2013. • The doctor gave an awareness lecture on women health issues and also solved the health queries of many girls. About 250 girls from the department were benefitted.
19.	Teachers and officers newly recruited	07 on contract
20.	Teaching-Non-teaching staff ratio	1:1
21.	Improvements in the library services	The School of Computer Science department library is fully automated library. It has 16,053 text books & reference books are available in the library. All the books of library are bar-coded and secured with RFID tags. RFID antennas are installed in the main entrance. SOUL 2.0 software is used for library automation. 1100 e lecture CDS with CD disk storage systems are available for all the member of the department. There are Six person/employee are working in the Library. Four books are provided to each students for 5 days. Three books are provided to SC/ST students category upto full semester. Total area of the library (in Sq. Mts.) is 575.05 Sq. Mts. The area is organized as Book Collection Room, Study Room, Project Report room, Book Circulation Counter, Book acquisition section, process section. The first floor contains Personal Reading Book section.
22.	New books/journals subscribed and their Value	The library subscribes to 16 computer related magazines and 5000 e-journals. The library has a budget of Rs. 5.0 lacs/year out of which 4.09 Lacs were spent for procurement of 1243 books in the year 2012-13. Over and above department library, central library is located nearby with ample budget to serve the needs of the students.
23.	Courses in which Student Assessment of Teachers is introduced and the action taken on student feedback.	Feedbacks are taken from students on regular basis. Feedbacks are analyzed and suitable measures are taken for further improvement. The feedback from selected students for every subject is taken and analyzed. The analysis results are communicated to the Head and the faculty member. A workshop is held every semester and all the faculty members present their strength and weakness in front of the committee. The faculty members use the results of the feedback for the improvement in the next semester. The last workshop in this regard was held in Jan 2013.

24.	Unit Cost of Education. Unit cost = total annual expenditure budget (Actual) divided by the number of students enrolled.	1,62,66,348/- expenditure / 697 students = 23337.
25.	Computerization and Administration and the process of Admissions and examination, result issue of certificates.	Our department library is fully computerized. M.Tech- students are admitted through GATE Score > 90 percentile M.Sc. (CS/IT)/ BCA/ MBA(CM) – Students admitted through Departmental Entrance Test/ Common Entrance Test (CET) MCA- Students admitted through MP VYAPAM PhD- Students are admitted through Doctoral Entrance Test (DET) conducted by the University. Admissions are strictly on the merit basis in the entrance test. The administrative office includes reception area, office area and record keeping room. School has an Examination control room which facilitates record keeping of various examination's details and mark-sheets of students.
26.	Increase in the infrastructural facilities.	The school has recently built up excellent infrastructure and learning resources in 2009 costing Rs. 10.0 crores. It is situated in the central area of Takshashila campus of Devi Ahilya University over an area of 7860 square meters which includes a large main building that accommodates both the administrative office and the academic block. It has seven lecture halls, two multimedia theaters and more than ten laboratories and the department library. The lecture rooms are spacious and well ventilated. Each lecture hall is well equipped with white and black board out of which some are equipped with multimedia projectors. Dr. A. K. Ramani Memorial Hall has 240 seats and is used for organizing lectures, conferences and workshops by our department as well as other UTD's. Around 15-20 conferences/seminars and workshops are held every year. The lectures by eminent speakers are conducted for the benefit of the students and faculty members. Additional English language lab equipped with microphones and Clarity software are provided to students of all classes. Computer Labs: 06 Servers: 05

		No. of computers: 241
		Internet and wifi facilty: Enabled on all computers
		Multimedia Lecture theatres: 02
		Multimedia enabled faculty meeting hall: 01
		Projectors: 04 working
27.	Technology up gradation.	The school has more than two hundred and twenty computers which are made use of by both students and staff. The computer laboratories are well equipped and carefully maintained. They are categorized as Research Lab, Programming Lab-1, Programming Lab-2, Database and Data mining Lab, Networking Security Lab, Electronics Lab and Language lab. There is adequate facility for the students to perform all prescribed experiments and do project work. All the Pentiums are equipped with high computing speed and internet access capability. These facilities are in the continuous process of up gradation and augmentation. The computing facility and the software licenses support the laboratory experimentation in the subjects like RDBMS, Internet & Web technology, Artificial Intelligence, Computer Graphics, Software Engineering, Systems Programming, Data Warehousing & Data Mining, Object Oriented Analysis & Design, JAVA, .NET, & Computer Networks etc. to cater to the need of IT industry. The students are exposed to good projects during their project training. All the faculty members are provided with individual PC's, internet facility and the printer.
28	Computer and internet excess and training to teacher and students.	All desktops given to faculty and students are internet ready through 1 GBPS bandwidth available from IT Centre. Restricted internet access for students through security tools to preserve bandwidth for academic purposes. Total number of class rooms: 09 Class rooms with ICT facility: 05 Students' laboratories: 05 Research laboratories: 03
29.	Financial aid to students.	1. Scholarship and fee reimbursement to ST/SC and OBC through State Government 2. Three M.Tech. courses with specialization in 1. Computer Science, 2.Network Management & Information Security and 3. Software Engineering & Information Architecture run by the department are AICTE approved. All students taking admission in these M.Tech. courses in 2012-14 batch are GATE qualified and receive Rs. 8000/- per month as stipend as and when it is received from AICTE. 3. One student received scholarship from minority cell and three students receive financial assistance from the

		community they belong to.
		4. List of students given financial support by the university under earn-while-learn scheme and help in various library and office related activities:
		1. Mr. Deepanshu Chore MBA(CM)
		2. Shri Asif Multani MCA
		3. Shri Md. Ali Khan MCA
		4. Shri Palash Agrawal MCA
		5. MS. Hema Bagdi BCA
		6. Ms. Neha nagar MCA
		7. Ms. Ankita Pathak MCA
		8. Ms. Shilpa Sharma MCA
30.	Activities and support from the Alumni Association.	Department organizes career counseling, soft skill development, career-path-identification, and orientation programmes to well-being for its students.
		1. Workshop on Career Opportunities Oct 22, 2010, Speakers Dr H M Gupta, IIT Delhi, Dr Rajkamal, Dr N S Chaudhari & Dr S Tanwani
		2. Personality Development, 22nd August 2012, by Mr. Prakhar Shulti from CH Edge Makers
		3. Campus buzz, 22nd August 2012 by Mr. Prakhar Shukti from CH Edge Makers
		4. Interview preparation, 18th August 2012, by Mr. parakram Singh from CH Edge Makers
		5. Senior-Junior Interation, Teachers Felicitation, Sep 5, 2012
		6. Drama and personality, Oct 3, 2012 by renowned theatre artist Mr. rajan Deshmukh
		7. Interview Ettiquets, 17th jan 2013 by Mr. Sandeep Atre
		8. Class Mentoring & Guidance, 19th Jan 2013 by Dr Rajkamal
		9. Genesis 2013 TechFest Feb 5th & 6th, 2013 (Held every year)
		10. Emotion Based Computing, Feb 6th 2013 by Dr M. Ingle
		11. Motivational lecture on Feb 27th, 2013 by Shri Surendra Singh Chouhan.
		12. Campus clean drive: every week
		13. Woman Health & Well Being Feb 21st 2013 by Dr Prerna Jain
31.	Activities and support from the parent Teacher Association.	Department organizes PTM (Parent Teacher Meet) and take regular feedback from the parents. Parents are in the Departmental committees such as Anti-ragging etc.
32.	Health Services.	Students are provided Health Centre facility by the University.
33.	Performance in sports activities.	Students participated in Inter Departmental Sports activities.
		List the range of sports, cultural and extracurricular activities available to students: The department conducts an annual

| | | function, where sports, cultural and extra curriculur activities are held. Also, the activities are conducted at university level. The facilities available in department: table tennis, Badminton, Cricket & Chess. University Level facility includes Lawn tennis, Atheletic ground, basket ball & gymnasium.

Sports and extracurricular calendar and details of students' participation. Department organizes sports and cultural activities once in a year. Also University announces calendar for these activities where our students participate actively. |
|---|---|---|
| 34. | Incentives to outstanding sports persons. | We have given free hands to students deciding about schedule of class tests and semester examinations as per their convenience. |
| 35. | Students achievements and awards. | Placed in various MNCs and Government Sectors. |
| 36. | Activities of the Guidance and Counseling Units. | Discussion with students and research scholars is held to provide information and to encourage them in various scientific activities during regular student teachers meetings.

The department has following Committees for various student services :
• The Academic Planning Committee
• Student Co-curricular & Placement Committee
• Result & Examination Committee
• Assessment & Research Committee
• Laboratory & Infrastructure Development Committee
• Library Development Committee
• Students Clubs
• Discipline, Grievances and Complaints cell |
37.	Placements services provided to student.	One teacher is placement officer, who provide the counseling regarding placements.
38.	Development programmes for Non- teaching staff.	Provide regular computer training programmes for the staff.
39.	Healthy practices of the institution.	Regular and quality teaching Active participation in research activities Departmental harmony in working ambience. For quality assurance, self analysis and feedback from students was practiced.
40.	Linkages developed with National/	Collaborations and MOUs exist (as mentioned above).

	International, Academic/Research bodies.	
41.	Any other relevant information the institution wishes to add	Department works for the overall development of the students through regular teaching and discussion with the students.

Part C: Detail the plans of the institution for the next year:

- Improvement in quality of teaching-learning and research by virtual classrooms and webinars.
- Development of specialized laboratories for Image Processing and Network Security and enriching existing laboratories.
- Faculty members motivated to persue quality research and seek for UGC grants.
- Generation e-resources for various computer related subjects.

**Name & Signature of the
Coordinator IQAC**

**Name & Signature of the
HEAD, UTD**