

Report of the Department of B.Sc. Computer Science (For the Academic Year: 2017-2018)

1.	Name of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)				UG, B.Sc. Computer Science	
2.	Name of Interdisciplinary courses and the department / units involved				No.	
3.	Annual / semester / choice based credit system (programme wise) conducted in your Department					
	B. A. / B.Sc./ B.Sc. Computer Science				F.Y.B.Sc. Comp. Sci. - Annual S.Y./T.Y Comp. Sci. - semester	
	M. A. /M.Sc.				Nil	
	Diploma (Please give specific name)				Nil	
	Certificate (Please give specific name)				Nil	
4.	Participation of the department in the courses offered by other department (for interdisciplinary programs) of the college					
	a. Name of the (other) departments of the college				Administrative	
	b. Teachers of your department involved in teaching at other departments of the college				Jr. College	
5.	Details of courses / programmers discontinued (if any) with reasons				MS-CIT, Admission Problem.	
6.	Number of Teaching posts					
	a. Sanctioned				7	
	b. Filled				6	
7.	Faculty profile with name, qualification, designation, specialization, (Masters / Ph.D. / M.Phil. / D.Sc. / D.Litt. etc.)					
	Name	Qualifications	Designation	Specialization	Teaching Experience	No. of Ph.D. students guided
	Mr.M.B.Kate	M.C.A. B.Ed.	Head, Assistant Professor	Master in Application	05+ Years	Nil
	Ms.J.P.Darandale	M. Sc. B.Ed.	Assistant Professor	Master in Electronics Science	04+ Years	Nil
	Ms.A.L.Pawar	M.C.S	Assistant Professor	Master in Computer Science	06 Months	Nil
	Ms.S.A.Walke	M.C.S	Assistant Professor	Master in Computer Science	2 Years	Nil
	Mr.A.S.Kulkarni	M. Sc. Statistics	Assistant Professor	Master in Statistics	1 Years	Nil
	Mr.C.N.Pansare	M.C.S	Assistant Professor	Master in Computer Science	1+ Years	Nil
	Mr.R.K.Phalke	M. A. B.Ed., DCM.	Instructor, MS-CIT Coordinator	Computer Hardware	06+ Years	Nil
8.	Percentage of lectures delivered and practical classes handled by permanent faculty					

Class	Name of Teacher	Month/Term	Lectures / Practicals engaged as percent of total allocated
9. List of senior visiting /non-grant faculty			
Name of the visiting/ non-grant faculty	Courses / Topics taught		Number of lectures / Practical's engaged by visiting / non-grant faculty
Mr.M.B.Kate	Programming in Java - I, Programming in Java – II, Internet Programming – I, Internet Programming – II, Information Technology, IT Practical, Lab Course – II, Lab Course – III/Project		4/Weeks 100%
Ms.J.P.Darandale	Electronics Science		4/Weeks 100%
Ms.A.L.Pawar	Programming in 'C', Data Structure using 'C', Programming in C++, Object Oriented Software Engineering, Computer Graphics, Lab Course – I Lab Course – II		4/Weeks 100%
Ms.S.A.Walke	Database Management System, Relational Database Management System, Software Engineering, System Programming – I, Operating System, Lab Course – I, Lab Course – II		4/Weeks 100%
Mr.A.S.Kulkarni	Mathematics, Statistics		4/Weeks 100%
Mr.C.N.Pansare	Theoretical Computer Science - I, Compiler Construction, Computer Network – I, Computer Network – II		4/Weeks 100%
10. Student – Teacher Ratio (Programme wise)			
Name of the Programme/Class	No. of students	No. of teachers	Student Teacher Ratio
F.Y.B.Sc. Computer Science	21	04	5:1
S.Y.B.Sc. Computer Science	31	04	8:1
T.Y.B.Sc. Computer Science	37	04	9:1
11. Number of academic support staff (technical) and administrative staff; sanctioned and filled			
Name	Qualification		Designation
Mr.Ravi Phalke	M. A. B.Ed., DCM.		Lab. Assistant
Mr.Vishnu Sapte			Lab. Peon

12.	What are the measure taken by your Department in developing scientific temper and research culture and aptitude among teachers and students?						Group Discussion Study Tours Seminars	
13.	Number of faculty with on-going projects from						Total Number-	
	a. University (B.C.U.D.)						Nil	
	b. National						Nil	
c. International funding agencies and grants received						Nil		
14.	Details of Projects undertaken							
	Sr. No.	Name of Principal investigator / Co-investigator (Teacher of the Department)	Funding Agency and Duration of the project	Duration (from...date To...Date)	Title of the project	Funding Outlay (Rs.) (Sanctioned / Received)		
						Sanctioned	Received	
	Nil							
15.	Details of Research Guides with the Research Centre / Department							
	Name of the Research Guide	Designation of the Teacher	Member of college / Visiting faculty	Category (Open / Reserved)	Date of Appointment as Research Guide (Latest period)	Teachers Approval from University Letter No. and Date	University Approval as a Guide, letter No. & Date	
	Nil							
16.	Thrust areas of research in the department: E-Contents Development.							
17.	Research journals available in the Library for the subject/ allied subjects							
	Sr. No.	Journal title	Publisher			Impact factor		
	Nil							
18.	Publications of the faculty members: Nil						Total Number:	
	Name of Teacher / Author	Title of Paper	Name of Journal / proceedings / edited book (please indicate whether peer Reviewed)	Volume and pages	Year of publication	ISBN / ISSN No.	Impact factor	Citation No.
	Nil							
19.	Books, Chapters in Books and Monographs published by faculty members:							
	Sr. No.	Name of the faculty member	Particulars of the Book / Moograph / Chapter in Book	Name of publisher (State Whether Local, National or International)	Whether the book is a Text Book / Reference Book as prescribed by University / other	ISSN; ISBN Number		
	Nil							
20.	Research Facilities available in the Department: Please make a list: Software Development.							
	1	T.Y.B.Sc. Computer Science Final Year students Project						
21.	Establishment of College – industry interface							
	Science Depts. – please provide the information about formal or informal interaction with industry.							
	Arts Depts. – Please provide information about formal or informal interaction with Industry. It Could include interactions with NGO or any other organization where department is actively participation; formally or informally							

	Dept. of B.Sc. Computer Science has MoU with Vridheshwar Coperative Sugar Factory. Adinathnagar.					
22.	Outcome of Linkages / Collaborations / Interactions : 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 –					
	Aspect				Details	
	a) Curriculum development / enrichment				Technical Supports	
	b) Internship / On-the-job training				Computer Operator	
	c) Faculty exchange and professional development				Software Training	
	d) Research					
	e) Consultancy					
	f) Extension					
	g) Publications					
	h) Students placement					
	i) Introduction of new courses					
	j) Any other (please specify)					
23.	Faculty as members in Committees and Boards <i>(please include the University Exam duties here also)</i>					
	Sr. No	Name of the Faculty Member	Name of the Committee / Board	College / local / University / National / international / Editorial	Role of the faculty member in the Committee / Board (Member / Chairperson / Consultant, etc.)	
	1.	Mr.M.B.Kate	Examination	University	Jr. Supervisor	
	2.	Ms.J.P.Darandale	Examination	University	Jr. Supervisor	
	3.	Ms.A.L.Pawar	Examination	University	Jr. Supervisor	
	4.	Ms.S.A.Walke	Examination	University	Jr. Supervisor	
	5.	Mr.A.S.Kulkarni	Examination	University	Jr. Supervisor	
	6.	Mr.C.N.Pansare	Examination	University	Jr. Supervisor	
24.	Faculty as Resource persons / Invited Lecturers / Subject Experts at Conference, Seminars, Workshops at College, University level and higher.					
	Sr. No	Name of the faculty member	Name of the Inviting Institute	College / Local / University / National / International Level	Role of the faculty-(Chief Guest / Guest) Speaker / Invited Lecturer / Member / Chairperson / Subject Expert / Consultant, etc.	Date
		Nil				
25.	Awards / Recognitions (Academic / Research / Others) received by faculty and students :					
	Nil					
26.	Details of research achievements of the staff and students (patents / Technology Transfer/MoU registered with the Department / Teachers and / or students of the Department) :					
	✓ 12/12/2017 participated at the “ Avishkar- 2017” Zonal level Research Competition at UG level in the Pure Sciences. Category, held at Radhabai Kale Mahavidyalya, Ahmednagar. 1. Sonali Babasaheb					

	2. Sharad Babsaheb Markad ✓ 21 st Jan. 2018 Brilliant Computer Bird Championship(BC)2 at PIRENS Technical Campus, Loni(BK) 1. Dipak Gavhane 2. Dipak Mane 3. Ganesh Dangat 4. Pratibha Bhagwat 5. Sonali Raktate 6. Ugale Sachin					
27.	List of eminent academicians and scientists / visitors to the department					
	Sr. No.	Name of the academician / scientist / visitor	Designation of the academician / scientist / visitor	Purpose of visiting the department	Month and Date of visit	
	Nil					
28.	Seminars / Conferences / Workshops (including those for Research Methodology) organized & the source of funding :					
	Please give a separate Report in "Report Format For Seminars/Workshops/Conferences" appended with this document (Annexure 1) and Reports submitted to Funding agency should be in file.					
29.	Seminars / Conference / Workshops attended (participated) / presented a paper / presented a poster (by teachers and students). Please include curriculum restructuring / revision workshops.					
	Name of Authors / Teachers	Title of the Conference / Workshop / Seminar	Funding Agency and Dates	Whether Local / University / States National/ International the Conference	Whether participated / (paper or poster). If a paper or poster was presented, give the title and details of authors.	
					Attended	Presented a paper
	Nil					
30.	Refresher /orientation / UGC Faculty Development / faculty Exchange / staff training / HRD programs / summer or winter schools attended by teachers.					
	Name of the Teachers	Title of the program	Organized by	Whether Local/ University / State National / International Level	Place	Dates (from ...to....)
	Nil					
31.	Student profile programme / course wise :					
32.	Name of the Course/ programme	Applications received	Selected	Enrolled (Male)	Enrolled (Female)	Cut – off percentage / marks
	B.Sc. Computer Science	115	105	89	16	Above 40%
33.	How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defence services, UPSC / MPSC / Banking exams / Police, etc.?			Total Number:_____ (number quoted may be for students who graduated / post graduated in this year, if not quoted in the previous year)		
	Sr. No	Name of the student	Competitive examination cleared	Date / Month / Year of clearing the examination		
	Nil					
34.	Student progression :					

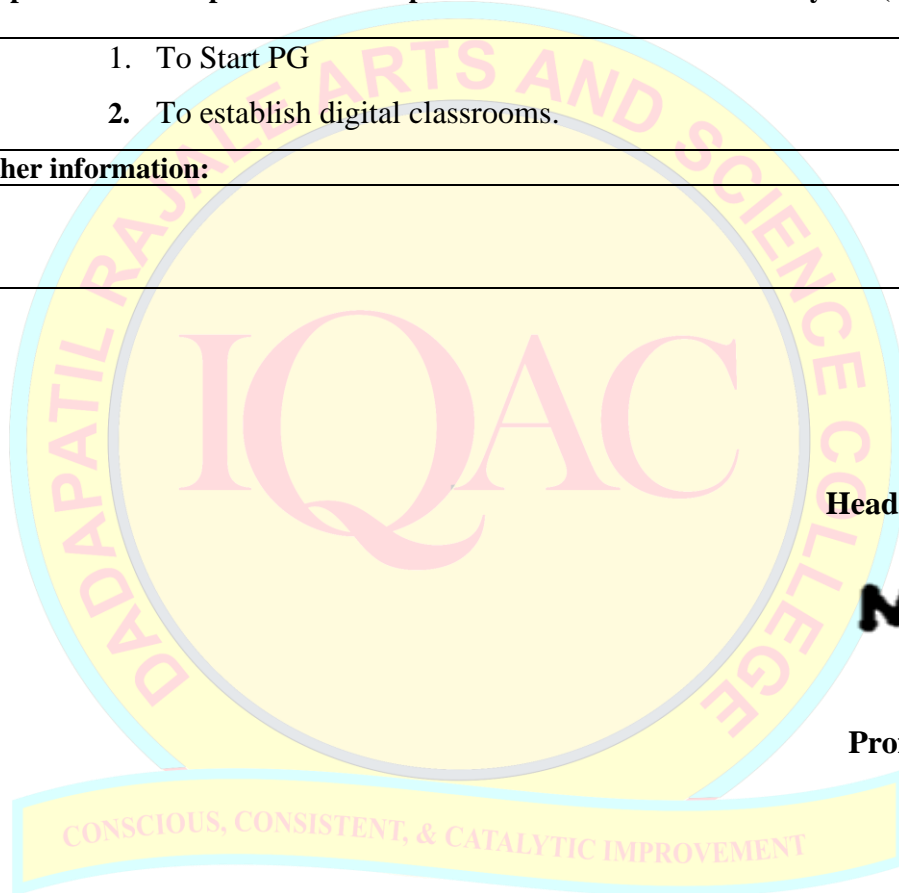
Student progression		Against % enrolled					
UG to PG (any subject)		80%					
PG to M.Phil.		Nil					
PG to Ph.D.		Nil					
Ph.D. to Post – Doctoral		Nil					
Employed <ul style="list-style-type: none"> • Campus selection • Other than campus recruitment 		10%					
Entrepreneurship / Self – employment		10%					
35. Course / programme wise students results:							
Title of the programme	Course (UG/P G)	Total Number of students appeared	Division / Grade				
			Distinction %	I %	II %	III %	Pass %
B.Sc. Computer Science	UG	47	-	4	2	1	1
36. Students counselling :							
Do you have any type of counselling procedures / facilities for students of your department / subject?						Yes.	
If yes, please give details of the procedures / facilities. During practicals in the Laboratory the faculty conducts the counselling programme for the students. The students are asked the questions an information regarding curriculum and other questions.							
37. Placement of students:							
Number of students placed						1.Govind Garje, Indian Army, Nashik Div.	
38. Specific Support Devices made available to Students as detailed below:							
39.	a)	Students from SC/ST, OBC and Economically weaker sections				Scholarship from Govt.	
	b)	Students with physical disabilities				Nil	
	c)	Students to participate in various Competitions (including National and International levels)				Six students were Guided by faculty to participate in “Brilliant Computer Bird Championship (BC) 2 at PIRENS Technical Campus, Loni (BK)” competition.	
	d)	Medical assistance to students: health centre, health insurance etc.				Nil	
	e)	Organizing coaching classes for competitive exams				Nil	
	f)	Skill development (spoken English, computer Literacy, etc..)				Guidance to the students regarding spoken English.	
	g)	Support for “slow learners”				Extra lectures were arranged for the students.	
	h)	Exposures of students to other institution of higher learning / corporate / business house etc. publication of student’s magazines.				Information provided to the students about M.Sc. at other colleges.	
40. Efforts taken by the Department / institution to facilitate:							
	a)	Entrepreneurial skills, among the students please describe them and also mention the outcome of the efforts				We generating below types of skill/Idea into students : Personal characteristics, Interpersonal skills, Critical and creative thinking skills, Practical skills. Out Come: Online Work	

			Center, Dipak Mane	
	b)	Additional academic support, flexibility in examinations		
	c)	Preparing for the competitive exams		
			Students of T. Y. B. Sc. were prepared for different entrance and various competitive exam	
41.	Details of infrastructural facilities :			
	Departmental Library (Yes/No) If Yes, give Number of Books		Yes. 39	
	Internet facilities for staff & Students available in the Department (Yes/No)		Yes.	
	Classrooms in the Department with ICT facilities		Yes.	
	Laboratories (Give details such as number of laboratories space number of students accommodated in each laboratory)		Computer Lab :38	
	List and cost of new equipment purchased / acquired in this academic year		AIO - 10 Pc. Total: 3,55000/-	
	Are there any equipment's / instruments in the department that need calibration? If so, list the instruments and state the frequency of calibration and other precision measures for these equipment / instruments?		Nil	
	Are there any equipment's / instruments in the department that are sensitive and need special care for upkeep? What are the major steps taken for location, upkeep and maintenance of the sensitive equipment (voltage fluctuations, constant supply of water etc.)?		Yes.	
	Computers in the department (Total & purchased this year)		38	
42.	Number of students receiving financial assistance from college, university, government or other agencies. (Freeships, GOI Scholarships, Earn & Learn Scheme, Academic Awards, Poor Boys fund.)		Yes.	
43.	Details on student enrichment programmes (special lectures / workshops / seminar) with external experts			
	Sr. No.	Name of the programme	Name and Designations of External Experts	
		Nil	Contribution of the Experts	
44.	Details on Student participation in the Departmental activities			
	Students participated in seminars and Field tours			
	1. Students participated in Seminars.			
	2. Study tour was arranged to Shri Vriddheshwar in order to study of row material to finished Goods.			
45.	Students participation in activities outside the college (academic / sports / competitions / other)			
	Sr. No.	Name of the student (Mention the Class in which studying)	Particulars of the participation (Name of the competition)	Whether the (competitive) activity was at the Local /University / State/ National / International Level
				Whether awarded any prize for the competition / activity. If yes, give details of the award.
46.	Study tours and visits organized by the Department			
	Sr. No.	Class for which the activity was organized	Institution visited (Give location and address)	Purpose of visit
	Nil			
47.	Did your department conduct a Parent – Teacher Meeting? If yes, give details (Conduct & Outcome of the Program, including feedback if taken).			
	Nil.			

48.	Did your department conduct an Alumni Meeting? If yes, give details. (Conduct & Outcome of the Program, including feedback if taken)	
	Nil.	
49.	Teaching methods (other than lecture method) adopted to improve student learning	
	Sr. No.	Name of the Class in which the methods were adopted
	1.	F.Y.B .Sc. Computer Science
	2.	S.Y.B .Sc. Computer Science
	3.	T.Y.B .Sc. Computer Science
50.	ICT Resources and ICT based teaching – learning facilities:	
	What ICT based learning activities and technologies, are deployed by the department? (e. g. access to on-line teaching – learning resources, independent learning, discussion forums, etc.)	
	Using LCD Projector Accessing Online YouTube Videos, EBooks, E-Tutorials etc.	
	Whether the teachers use computer – aided / teaching / learning materials? If yes, specify the details.	
	Yes. The faculties of the department have prepared Videos, PPTs, PDF, and Diagrams of different topics which were used for teaching learning process.	
	Whether teachers or students have developed material for computer – aided teaching / learning? If yes, give the details.	
	Yes. The teachers use computer aided/ teaching / learning materials. The faculty of the department has PPTs of different topics which were used for teaching learning process. Students are Scanning Text Books, Reference Books etc.	
51.	Review of teaching – learning. How dose the Head of Department take a review of the teaching-learning progress during the academic year? Describe the procedure and the result of the review.	
	The departmental meetings were held at regular intervals in order to take review of teaching learning progress. In the meetings, various matters regarding the syllabus, Student attendance and curricular activities were discussed. Practicals were conducted regularly and syllabus of all the subjects of all classes was completed in time.	
52.	Governance and Leadership	
	Do you (as a Head of Department) delegate specific (leadership) duties to teachers of your department? if yes, list the names of teachers and the duties assigned to them.	Examples of leadership duties (projects-in-charge, Timetable distribution, Member of the TD-IQAC, etc.)
	Sr. No.	Teacher
	01	Prof. A. L. Pawar
	02	Prof. J. P. Darandale
	03	Prof. S. A. Walke
	04	Prof. C. N. Pansare
		Duty
		In charge/Mentor, F.Y. B.Sc. Comp. Sci. Class
		In charge/Mentor, S.Y. B.Sc. Comp. Sci. Class
		In charge/Mentor, T.Y. B.Sc. Comp. Sci. Class
		Practical Lab In charge, Instruments, Dept. of Computer Science.
53.	Participation in Institutional Social Responsibility (ISR) and Extension activities. If yes, please give a descriptive account with photographic evidence, if available.	
	The faculty engaged and participated in various curricular, Co-curricular and extension activities of the College. NSS activities, Software Application Training programme, Memorial lecture series, some	

	Administrative work.	
54.	Has any feedback been taken for teacher's performance / facilities / academic activities of the department? The feedback may have been taken at the Departmental / College / University level. If yes, Please attach the result of the feedback.	
	We took feedback from the students for teachers' performance, facilities and Academic activities of the Department.	
55.	Eco-friendly Practices of the Department. Please give a list practices.	
	The faculty was involved in Tree Plantation Programme.	
56.	Best Practices of the Department <i>Please give a list practices</i>	<i>(Please give in format provided for Best Practice)</i> Annexure 2.
57.	Innovative Practices of the Department <i>Please give a list practices</i> (Give a descriptive account)	
	ICT was used for lectures and practicals.	
58.	SWOC (Strengths, Weaknesses, Opportunities and Challenges) analysis of the department and future plans (Please give in format provided for SWOC analysis) Annexure 3.	
	Strengths	<ul style="list-style-type: none"> ➤ Increasing number of admissions. ➤ Experienced Teaching Staff. ➤ Sufficient number of text and reference books are available in Library that help in teaching and learning of the subject. ➤ Latest information is collected from the internet and delivered to the students through ICT based lectures
	Weaknesses	<ul style="list-style-type: none"> ➤ Infrastructural facility ➤ Inadequate teaching Staff ➤ Lack of Infrastructure and funding for research and projects. ➤ Spacious laboratory is not available.
	Opportunities	<ul style="list-style-type: none"> ➤ Competitive spirit. ➤ To enhance research. ➤ To make subject and Software-Industry based employment.
	Challenges	<ul style="list-style-type: none"> ➤ To maintain strength and interest of the students and orient them.(Ruler Area) ➤ Towards Research.

		➤ For Student Placement. (Industries are not Comes to here)
59.	<p>Please state which of the departmental 'Future Plans' Shown in the previous audit (AAA) have been completed.</p> <p>Long term plans-</p> <ul style="list-style-type: none"> ○ To Start PG <p>Short term plans:</p> <ul style="list-style-type: none"> ○ To establish digital classrooms. ○ To establish well equipped laboratory. 	
60.	<p>Future plans for development of the Department for the next academic year. (Please give a bulleted list)</p> <ol style="list-style-type: none"> 1. To Start PG 2. To establish digital classrooms. 	
61.	<p>Any other information:</p>	



Head of Department,

MBK

Prof. M. B. Kate

Annexure 1

REPORT OF THE ONE -DAY(S) WORKSHOP / CONFERENCE / SEMINAR ON “ROLE OF ICTs IN EDUCATION”

(Dates: 23rd January 2017)

Organized by Department of B.Sc. Computer Science

College Name: Dadapatil Rajale Arts & Science College, Adinathnagar.

Background: It gives us immense pleasure to invite you to the BCUD, SPPU, Pune sponsored One day State Level Seminar on “The Role of ICT in Education” organized by Department of Computer Science, Dadapatil Rajale Arts & Science College, Adinathnagar on 23rd January 2018

Shri. Dadapatil Rajale Shikshan Sanstha’s Dadapatil Rajale Arts and Science College was founded by Hon. Late Dadapatil Rajale in 1991 with the grand purpose of providing higher education to the children of poor and needy families of the region. The College is affiliated to Savitribai Phule Pune University, Pune, recognized by the UGC under section 2 (f) and 12 (b). The NAAC has re-accredited the college with ‘B’ Grade with CGPA 2.32. The college has lush green Wi-Fi enabled campus with the facilities of well-equipped Library, Laboratories, Gymnasium, Computer Lab, Canteen, Farm-pond, Women’s Hostel and Competitive Examination Centre and other essential facilities. The College has emerged as one of the leading Institutes located in a rural area. We are making all efforts to make it as epicenter of learning by providing various career oriented courses and conducting several curricular, co-curricular and extra-curricular activities.

Department of Computer Science was established in 2010. Since its establishment the Department has played a key role in the overall development of the College. The Department has well-equipped Laboratory and conducts level course. The faculty members in the department are working very hard to provide quality education to all students. Most of the alumni of the department are employed in various government, non-government organizations and in IT industries. Many expert teachers have visited the Department and delivered lectures on various occasions. The Department makes all efforts to develop the skills in Computer Language practical and research for the students. Teaching-Learning is made more learner centred with the use of ICT.

Brief introduction about the workshop / conference / seminar

The present One day State Level Seminar intends to provide a common platform for scientists, academicians, researchers, industrialists and students about the recent trends, developments and advancements in the Computer sciences. The Role of ICT in Education is sincere effort to enrich and correlate research activities and their applicability in all branches of Computer sciences with other subjects. One day State Level Seminar organized by us on the topic will give new insight and serve a useful discussions and conclusions about the theme. It will also highlight the need for such study and serve as a good platform for the researchers and students working in this particular area.

Objectives of the Workshop/ conference / seminar:

- ✓ Role of ICT in School Administration
- ✓ Important of ICT in Education
- ✓ Current Implementation of ICTs in Education
- ✓ Assistive Technology and Inclusion
- ✓ Managing ICT Infrastructure of the School

Programme of the Workshop/ conference / seminar:

Tuesday, 23rd Jan. 2018		
10:00 a.m. to 10:30 a.m.	Inauguration Function	<p>Hon. Shivajirao Rajale Chairman, College Development Committee</p> <p>Hon. Rahulji Rajale, Trustee, Dadapatil Rajale Shikshan Sanstha</p> <p>Hon. J. R. Pawar, Secretary, Dadapatil Rajale Shikshan Sanstha</p>
10:30 a.m. to 11:30 a.m.	Session I Dr. Rajendra Pardeshi Chairperson-	Topic - Introduction and Objectives of ICTs.
11:30 a.m. to 12:30 p.m.	Session II Prof. B. M. Danave Chairperson-	Topic - Managing ICTs Infrastructure Of The School And Colleges
12:30 p.m. to 1:30 p.m.	Lunch Break	
1:30 p. m. to 2:30 p.m.	Session III Prof. M. B. Gobare Chairperson-	Topic - Assitive Technology Inclusion
2:30 p. m. to 3:30 p.m.	Session IV Prof. Hari Shankar Rai Chairperson-	Topic - Role Of ICTs In School Administration
3:30 p.m. to 3:45 p.m.	Tea Break	
3:45 p.m. to 4:45 p.m.	Session V Paper Presentation Dr. R. P. Ghule Chairperson-	Role of ICTs in Education

4:45 p.m. to 5:00 p.m.	Vote of Thanks	
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Details of Participants:

1. Number of Teacher delegates:	06
2. Number of Student delegates:	90
3. Number of other delegates:	Nil
4. Number of delegates from Pune:	Nil
5. Number of Teacher delegates from Maharashtra (other than Pune):	Nil
6. Number of Teacher delegates other States of India:	Nil
7. Number of Teacher delegates from abroad:	Nil

Details of Resource persons and other Dignitaries:

Name and Designation Resource Person / Dignitary	Lecture / Talk delivered
Dr. Rajendra Pardeshi	Introduction and Objectives of ICTs
Prof. B. M. Danave	Managing ICTs Infrastructure Of The School And Colleges
Prof. M. B. Gobare	Assistive Technology Inclusion
Prof. Hari Shankar Rai	Role Of ICTs In School Administration
Dr. R. P. Ghule	Paper Presentation

Conduct of the program:

For conducting this program, several meetings were taken earlier (provide dates of meetings) and working committees made to decentralize the work. The committees were as follows:

Sr. No.	Committee	Teachers / Students involved
1.	Staff	Mr. M. B. Kate Ms.J.P.Darandale Ms.A.L.Pawar Ms.S.A.Walke Mr.A.S.Kulkarni Mr.C.N.Pansare

The overall arrangements were supervised by **Prof. M. B. Kate**

Presentations at the Sessions:

- The presentations have been kept separately as soft copies.
- Compiled in the abstract Book
- Compiled in the Proceedings

Please submit a copy of any or all of the above

Discussions during the Sessions (Report of the proceedings of the workshop / conference seminar):

The proceedings of Session I Were chaired by **Dr. Rajendra Pardeshi** about topic Introduction and Objectives of ICTs then Session II delivered by **Prof. B. M. Danave** on topic Managing ICTs Infrastructure Of The School And Colleges after lunch break session II delivered by **Prof. M. B. Gobare** on topic Assistive Technology Inclusion then after next session delivered by **Prof. Hari Shankar Rai** on topic Role Of ICTs In School Administration then tea break session IV delivered by **Dr. R. P. Ghule** on topic of paper presentation, discussions through a question- answer session were conducted. Teachers were also give the opportunity to present their views and last vote of thanks delivered by Prof. S. A. Walke.

The questions posed and their answers / views presented were as follows:

Sr. No.	Queries / Questions	Answers (by the Chair / Speaker /...
1.	What is the difference between a framework and a model in Educational research?	“Framework: basis/foundation/scope (perspectives, purposes, goals, approaches, policies, bases, principles, guidelines, criteria, indications, ...) Model: representation of concept (structures, forms, functions, interactions, correlations, ...)”
2.	What is most important to integrate ICT in Education? is it the ICT equipment or the teachers training ?	“This is the same thing that happened to Kenya.The government invested in tablet-like devices for the teaching of Class/Year/Grade 1 students and the project came to an halt as there were no technicians to carry out repairs,teacher training was never properly done and the students themselves were inadequately prepared.Now the gadgets sit in schools full of dust and no one wants to touch them....The 'indigenous learning' continues to happen.”
3.	What are the ways to reduce the time for the teacher to work in lms	“I would propose that when teachers learn how to use the LMS well, the time it takes to use it is limited. This is the case with any technology or tool. The problem is when teachers who do not know how to setup courses well spend a lot of time duplicating their own work, then complain that an LMS is not easy to use. Any tool requires learning and an expert will perform a job and complete it in a short amount of time. For teachers to learn about their LMS they should participate in exemplary course programs
4.	Educational Technology Vs ICT in Education: Which one is going to win?	“ICT and Educational Technology are integral components in 21st century learning and teaching. I don't think it is possible to say which one is going to win.”

Some suggestions / Comments made during the discussions:

- ✓ Increase the other university/State/abroad Teacher delegates.

Response to the Proceedings:

(Please attach a copy of the blank feedback form with the Report)

	Question Implications and inference required	Response	(%)
1.		Yes	70%
		No	-
		No Comment	-

Deduce the following from the Feedback:

***Best liked part of the Workshop/ conference / seminar:**

- ✓ How we used ICT in Teaching Learning process.

****Least liked part of the Workshop/ conference / seminar:**

- ✓ Less Number of Teacher delegates from Maharashtra (other than Pune)
- ✓ Less Number of Teacher delegates other States of India
- ✓ Less Number of Teacher delegates from abroad

*****Improvement needed in the Workshop / conference / seminar: (prioritized on number of participants who gave the suggestions – highest to lowest?)**

- ✓ Increase the other university/State/abroad Teacher delegates.

Outcome of the Workshop:

1. The workshop will improve the quality of teaching learning process.
2. The workshop established the need to consider ICT in education.
3. The delegates who participated in the workshop were benefitted, through college environments

* ***** E N D *****

Annexure 2

Format for Presentation of Best Practices

1. Title of the Practice

This title should capture the keywords that describe the practice.

2. Objectives of the Practice

What are the objectives / intended outcomes of this “best practice” and what are the underlying principles or concepts of this practice (in about 100 words)?

3. The Context

What were the contextual features or challenging issues that needed to be addressed in designing and implementing this practice (in about 150 words)?

4. The Practice

Describe the practice and its uniqueness in the context of India higher education. What were the constraints / limitations, if any, faced (in about 400 words)?

5. Evidence of Success

Provide evidence of success such as performance against targets and benchmarks, review results. What do these results indicate? Describe in about 200 words.

6. Problems Encountered and Resources Required

Please identify the problems encountered and resources required to implement the practice (in about 150 words).

7. Notes (Optional)

Please add any other information that may be relevant for adopting/ implementing the Best Practice in other institutions (in about 150 words).

Any other information regarding Institutional Values and Best Practices which the Institution would like to include.

Annexure 3

Yearly SWOC analysis

Departmental SWOC

Name of Department: B.Sc. Computer Science

No	SWOC Parameters	Analyses
1.	Smooth conduction of Academics (Theory + Practical) (% conducted)	
	a) Whether 100 % syllabus was taught Y / N (what % -)	96 %
	b) Whether syllabus revision was done by the teachers? Y/N	Yes.
	b) Whether remedial lectures were conducted? Y/N	Yes.
	c) Whether Activities based on academic syllabi were conducted? Y/N (number)	Yes.
	Whether provision of Question banks, Question papers practice tests/ practice papers was done for the students? Y/N? % teacher in the Department who have given -	Yes.
	Whether counseling was done to students? And areas of counseling. Academic / career / family / any other (numbers counseled?)	Yes.
	a) Whether special problem solving sessions / difficulty solving sessions were conducted?	Yes.
	b) Teaching methods used (Number)?	03
	c) Maintenance of teachers dairies rigorously Y/N	Yes.
	d) Any other	-
	Rate your Department in the scale of 1 to 10 in Academics	7.
2.	Department contribution in research?	
	a) Student research promoted by the department	Yes.
	b) Individual teachers research	Yes.
	c) Schemes brought by department teachers this academic Year?	No.
	d) Heads promotion for has colleagues to get new research Schemes.	No.
	e) Research papers published by the department and paper wise index factor	No.
	f) Schemes proposed	No.
	g) Schemes ongoing	No.
	h) Schemes completed	No.
	i) Research funding (Amount and sources)	No.
	j) Articles written with ISBN / ISSN / News papers	No.
	k) Books with ISBN number	No.
	l) Conference attended and papers presented	No.
	m) Refreshers / Orientations / Short term courses conducted	Yes.
	n) Departmental targets for achieving funds.	Yes.
	o) Workshops conducted.	Yes.
	Rate your Department on 1 to 10 scale	4
3.	Departmental role in community based activities, and students as well as teachers contribution to it. (Good / Fair / needs to improve)	
	a) Social activities	Good
	b) Cultural activities	Good

	c) Skills based activities for community	Fair
	d) Environment supporting activities	Good
	e) Awareness programmes.	Good
	f) Celebration of days	Good
	g) Co-curricular and extra-curricular	Good
	h) University related activities (number of activities)	Good
	Rate your Department on 1 to 10 scale	7
4.	Departmental role in branding the college properly. (no of events)	2
5.	Stake holder and departmental relationship (Good/Fair/needs to improve)	Good
6.	Departmental Tie-ups with other organizations (give numbers)	1
7.	Any other	Nil
	Rate your Department on 1 to 10 point scale for parameters 4 to 7	5

Elaborate on the following points (additional pages welcome)

Strengths:

- Increasing number of admissions.
- Experienced Teaching Staff.
- Sufficient number of text and reference books are available in Library that help in teaching and learning of the subject.
- Latest information is collected from the internet and delivered to the students through ICT based lectures.

Weaknesses:

- Infrastructural facility
- Inadequate teaching Staff
- Lack of Infrastructure and funding for research and projects.
- Spacious laboratory is not available.

Opportunities:

- Competitive spirit.
- To enhance research.
- To make subject and Software-Industry based employment.

Challenges:

- To maintain strength and interest of the students and orient them.(Ruler Area)
- Towards Research.

- For Student Placement. (Industries are not Comes to here)

Future plans of the department:

Long term plans-

- To Start PG

Short term plans:

- To establish digital classrooms.
- To establish well equipped laboratory.


Finally where do you as a head rate the team on a ten point scale?

7

Declaration by the Head of the Department:

I am aware that the above information provided by the department will be validated by the Internal Audit committee during the visit.

Date: 20/12/2018


Asst. Prof. Machindra Kate
(Head, Dept. Of B.Sc. Computer Science)

