

**Bharat Shikshan Sanstha's**  
**SHRI CHHATRAPATI SHIVAJI COLLEGE, OMERGA**  
**ANNUAL SELF APPRAISAL**

**ACADEMIC YEAR 2019-20**

**PART A: GENERAL INFORMATION AND ACADEMIC BACKGROUND**

1. Name (in Block Letters) :- Dr. REVATE SURYAKANT SHANKARRAO
2. Department :- COMPUTER SCIENCE & IT
3. Current Designation & Grade Pay :-Assistant Professor, Head of Dept. & 7000/-
4. Date of last Promotion :- 27/11/2019
5. Which position and grade pay are you an applicant under CAS?  
: Assistant Professor, Grade Pay :8000
6. Date of eligibility for promotion :-27/11/2022 ,Grade pay For =9000
7. Address (With Pin Code) :- Shri Chhatrapati Shivaji College,Omerga-413606
8. Telephone No : -9421336176 Email :- [revatess@gmail.com](mailto:revatess@gmail.com)
9. **Academic Qualifications** (from S.S.C. till post-graduation) :-

Exam	Name of Board / University	Year of passing	% of marks obtained	Division /Class / Grade	Special/ Optional Subject
S.S.C.	Divisional Board Aurangabad	1990	68	First	General
H.S.C.	Divisional Board Aurangabad	1993	50	Second	General (Science)
B.Sc.	Dr.B.A.M..U. Aurangabad	1996	58	Second	PCM
M.Sc.	Dr.B.A.M..U. Aurangabad	1999	62	First	Computer Science
B.Ed.	Dr.B.A.M..U. Aurangabad	1998	60	First	Maths & Science

10. Research Degree(s)

<b>Degrees</b>	<b>Title</b>	<b>Date of award</b>	<b>University</b>
M. Phil.	<b>Wavelet Based Fingerprint Image Enhancements</b>	10-01-2008	Alagappa University, Karaikudi(TN)
Ph.D.	<b>Development of Automated Gender Classification System through Fingerprint Biometric</b>	08-04-2017	Dr.B.A.M.University, Aurangabad

11. Appointments held prior to joining this institution

<b>Designation</b>	<b>Name of Employer</b>	<b>Date of</b>		<b>Salary With Grade Pay</b>	<b>Reason of Leaving</b>
		Joining	Leaving		

12. Posts held after appointment at this institution:-

<b>Designation</b>	<b>Department</b>	<b>Date of actual Holding</b>		<b>Grade</b>
		<b>From</b>	<b>To</b>	
Assistant Professor	Computer Sci.	31-07-1999	27-08-2006	Fixed Pay
Assistant Professor	Computer Sci.	28-08-2006	24-08-2007	Contract Basis
Assistant Professor	Computer Sci.	25-08-2007	04-05-2008	Contract Basis
Assistant Professor	Computer Sci.	05-05-2008	06-04-2012	Full Time
Assistant Professor	Computer Sci.	07-04-2012	28-12-2014	6000
Assistant Professor	Computer Sci.	29-12-2014	26-11-2019	7000
Assistant Professor	Computer Sci.	27-11-2019	Till Date	8000

13. Period of teaching experience:

P.G. Classes (in years) :- --  
 U.G. Classes (in years) :- 21 Years

14. Research Experience excluding years spent in M. Phil / Ph. D (in years):-

**M. Phil:**

**Ph. D.: 04 Yrs**

15. Fields of Specialization under the Subject / Discipline:

Digital Image Processing, Biometrics, Computer Network, BIG-DATA

16. Academic Staff College Orientation / Refresher Course/ ISTE – AICTE Sponsored STTP/SBP attended so far.

<b>Name of the Course / Summer School</b>	<b>Place</b>	<b>Duration</b>	<b>Sponsoring Agency</b>
OC	Goa	23 Sept -21 Oct 2013	ASC,Goa University,Goa
RC	Chennai	06-26 Nov,2014	ASC,Univeristy of Madras,Chennai
RC	Jaipur	8 <sup>th</sup> -27 Oct ,2018	HRDC, University of Rajasthan,Jaipur
RC	Hyderabad	10-10-2019 to 23-10-2019	HRDC,MANU Hyderabad

**CATEGORY I: TEACHING, LEARNING AND EVALUATION RELATED ACTIVITIES**

**a.Direct teaching**

Sr. No.	Course/ Paper	Level	Mode of Teaching*	No. of Periods/hours allotted		No. of Periods/hours engaged per annum
				Per week	Per annum	
1	B.Sc.(Sem I + II) (Paper CS01 +CS05)	UG	L	03	72	62
2	B.Sc.(Sem V +VI) (Paper CS16+CS19)	UG	L+ICT Based	03	72	68
3	B.Sc.(Sem V +VI) (Paper CS17+CS18) (Paper CS21+CS22)	UG	Practical	12	288	277

**Classroom teaching** (including lectures, seminar) in excess of UGC norms (As per allocation)

Sr. No.	Course/ Paper	Level	Mode of Teaching*	No. of Periods/hours allotted		No. of Periods/hours engaged per annum
				Per week	Per annum	
1	BCS CS506-T+CS403-T	UG	L	03	72	60

**Tutorials and Practical's, Field work, Project Supervision** (Actual as per student attendance register)

Sr. No.	Course/ Paper	Level	Mode of Teaching*	No. of Periods/hours allotted		No. of Periods/hours engaged per annum
				Per week	Per annum	
1	B.Sc.(Sem V +VI) (Paper CS17+CS18) (Paper CS21+CS22)	UG	Practical Case study Seminar Project	12	288	277

**Examination duties –**

<b>Sr. No.</b>	<b>Type of Duties</b>	<b>Dates from – to</b>	<b>Actual Hours spent</b>
1	University Exam. Understudy	30-09-2020 to Till exam end	90
2	Paper Setting Board of member in the Subject of Computer Sci. (opt) at the B.Sc.V & VI-OCT-2020 held in March /April 2021(MCQ Question Set)	Oct-2020	10
3	Practical Examiner in the subject Comp.Sci. class B.Sc.I. Computer sci. Optional SKM Gunjoti.	12/03/2020 to 13/03/2020	12
4	Paper Assessment work in the Subject Comp.Sci. B.Sc. Examination Oct/Nov 2019 at SKM Gunjoti.(11 Days)	08.11.2019 to 02-12-2019	66

**Innovative Teaching –**

<b>Sr. No.</b>	<b>Nature of Activity</b>	<b>Max Score</b>	<b>Actual hours spent per academic year</b>
1	ICT based teaching for B.Sc. T.Y. Students		72
2	Online Quiz (MCQ) using Google Form		16
3			

**Appointment as BoS/ Senate/ Paper Setter / Evaluation / Curriculum Design during the year**

<b>Appointment on BoS/ Senate/ Paper Setter / Evaluation / Curriculum Design committee</b>	<b>Date of Work / meetings</b>
Affiliation committee chairman for Rajshri Shahu Computer Science College, Osmanabad	15/07/2019
Paper Setting Board of member in the Subject of Computer Sci. (opt) at the B.Sc.V & VI-OCT-2020 held in March /April 2021(MCQ Question Set)	OCT-2020

**The Courses that include experiential learning through project work/field work/internship during the year**

<b>Program name</b>	<b>Name of the Course that include experiential learning through project work/field work/internship</b>	<b>Name of the student studied course on experiential learning through project work/field work/internship</b>
B.Sc. T. Y.	B.Sc. T.Y. have Project work as a part of practical work	B.Sc. T.Y. all Students have Projects

**Number of students undertaking project work/field work/ internships under your Guidance ( Other than M. Phil –Ph. D.) during the year**

<b>Name of the students undertaking project work/field work/internship</b>	<b>Title of the Project</b>

**PROFESSIONAL DEVELOPMENT, CO-CURRICULAR AND EXTENSION ACTIVITIES (Year wise)**

**Student related Co-curricular, extension and field based activities.**

**(I) Discipline related co-curricular activities organized**

<b>Sr. No.</b>	<b>Nature of Activity</b>	<b>Actual hours spent per academic year</b>
1	Certificate Course in Computer Basic and MS-Office(2019-20)	06
2	Seminar Competition 2020 Dt.14-02-2020	04
3	Cyber Security Awareness Program	02
4	Explore - 2020 Intercollegiate Competition organized by SCSCO 30-31 Jan 2020	15

**(II) Other co-curricular activities**

<b>Sr. No.</b>	<b>Nature of Activity</b>	<b>Actual hours spent per academic year</b>
1.	AIDS Rally	04
2.	National Voter Day	02
3.	Marathi Bhasha Din(27-Feb)	02
4.	Participated in Quiz on Mahatama Gandhi Organized by Gandhi Study Circle ,SKM Gunjoti.	01
5.	Participated In Covid Awarness Program Organized By Pratishtan Mahavidyalaya, Paithan.	01
6.	One Day National Webinar On OZONE DEPLETION : HUMAN ACTIVITIES organized By Department Of Geography, Shri Chhatrapati Shivaji College, Omerga On 16, September 2020.	03

**Extension and dissemination activities**

<b>Sr. No.</b>	<b>Nature of Activity</b>	<b>Actual hours spent per academic year</b>
1.	Career Counselling 2019(11-09-2019)	02
2	Campus Drive -ICICI Bank(26-11-2019)	04

**Contribution to Corporate Life and Management of the department and Institution through participation in academic and administrative committees and responsibilities.****(A) Academic and Administrative responsibility**

<b>Sr. No.</b>	<b>Nature of Activity</b>	<b>Actual hours spent per academic year</b>
1.	Computer Science and Engineering BOS Meeting for Syllabus setting.	05
2.	Admission Process Committee Member	45
3.	NIRF Committee Member	20
4.	Theory and Practical B.C.S. Time Table Committee Member	06

5	B.Sc. Practical Examination Time Table Committee Member	06
6	Practical BCS Examination Time Table Committee Member	06
7	SCSCO Training Placement Cell Member	15
8	Academic Calendar for BCS Class	03

### B. Professional development activities

Sr. No.	Nature of Activity	Actual hours spent per academic year
1	Arranged Guest Lecture by Sachidanand Kulkarni , SRK, Pune . Dt.05/09/2019	2
2	Arranged Guest Lecture of Mr.Prashant Bande TCS,Hyerdrabad Dt.26-12-2019	2
3	International E-Conference on “Strategies & Challenges in Higher Education during COVID-19 Lockdown Period in India with reference to the World”- organized by Government Vidarbha Institute of Science & Humanities, Amravati, India on 15th - 17th May, 2020.	06
4.	International Webinar on Writing Article in Impacted Journal on 19 May 2020 Organized by MGM University Dr. G. Y. Pathrikar College of Computer Science and Information Technology, Aurangabad.	03
5.	“Virtual National Symposium on Soft Biometrics” MGM University Dr. G. Y. Pathrikar College of Computer Science and Information Technology, Aurangabad	03
6.	“The Journey of Data Science” on 26 May 2020 organized by MGM University Dr. G. Y. Pathrikar College of Computer Science and Information Technology, Aurangabad.	03
7	Online two days National Level webinar on Mobile Application Development and Campus To Corporate - Soft skills on 1st & 2nd June 2020 conducted by Department of Computer Application and Placement Cell Dayanand College of Commerce, Latur in Association with Technowings International IT Solutions.	06
8	Online Workshop on “NAAC Assessment and Accreditation Process” 11th June, 2020 , Organized by RP College,Osmanbad	03
9	IETE Sponsored Three days’ workshop on “Current Research Avenues in Computer Science and Engineering “ (16-18 August 2019)	12



**List of Students Adopted under Mentor Mentee Scheme during the Year ( 18 Students)**

<b>Sr. No.</b>	<b>Nature of Mentee Students</b>	<b>Class</b>	<b>Contact Number</b>	<b>E-mail</b>
1	Mane Jyoti Khandu	B.Sc.III	7414960140	
2	Pathan Sadiya Ismail	B.Sc.III	9623854005	
3	Almale Mohini Shrimant	B.Sc.III	9423818628	
4	Birajdar Alka Bhalchandra	B.Sc.III	7721808160	
5	Mali Tushar Anant	B.Sc.III	9763015510	
6	Balkunde Karishma Prakash	B.Sc.III	9665758395	
7	Nagne Pratiksha Pandurang	B.Sc.II	8381048204	
8	Jadhav Vidyasagr Govind	B.Sc.II	9657680337	
9	Shinde Yogesh Dhananjay	B.Sc.II	8007755787	
10	Jamadar Pratibha Balaji	B.Sc.II	7387048553	
11	Kovhale Rakesh Satish	B.Sc.II	912644581	
12	Gaikwad Kranti Vinayak	B.Sc.II	9921660967	
13	Nirmale Vaishnavi S.	B.Sc.I	7397834757	
14	Patil Ashlesha Dilip	B.Sc.I	9421446642	
15	Mane Vaishnavi Prabhakar	B.Sc.I	9834759771	
16	Pathak Ankita Avadhut	B.Sc.I	8421281147	
17	Shirure Priti Sanjay	B.Sc.I	9503965001	
18	Jadhav Vaishnavi Balraj	B.Sc.I	7066413232	

### List of Students Advance and Slow Learner

<b>Sr. No.</b>	<b>Nature of Mentee Students</b>	<b>Advance/ Slow</b>	<b>Class</b>	<b>Contact Number</b>	<b>E-mail</b>
1	Nirmale Vaishnavi Suryakant	Advance Learner	B.Sc.I	7397834757	
2	Parane Mayadevi Ram	Advance Learner	B.Sc.I	9765733335	
3	Rathod Vishal Raju	Advance Learner	B.Sc.I	8975549554	
4	Kokale Namrata Balasaheb	Advance Learner	B.Sc.II	9405247122	
5	Waghmare Vandana Yuvraj	Advance Learner	B.Sc.II	9373127896	
6	Bokade Smita Gajendra	Advance Learner	B.Sc.II	9359964162	
7	Gaikwad Kranti Vinayak	Advance Learner	B.Sc.II	9921660967	
8	Mane Jyoti Khandu	Advance Learner	B.Sc.III	7414960140	
9	Almale Mohini Shrimant	Advance Learner	B.Sc.III	9423818628	
10	Langde Mateen Abdulaziz	Advance Learner	B.Sc.III	8087835425	
11	Kumbhar Akshata Anil	Advance Learner	B.Sc.III	9421356651	
12	Pawar Shital Mahadev	Advance Learner	B.Sc.III	9075357813	
13	Acharya Shrihari Dinkarrao	Slow Learner	B.Sc.III	7028497409	
14	Bansode Vishal Digambar	Slow Learner	B.Sc.III	9766718225	
15	Kamble Vikas Sanjay	Slow Learner	B.Sc.III	7709470322	

**CATEGORY: III**

**RESEARCH AND ACADEMIC CONTRIBUTIONS**

**III. Published Papers in Refereed Journals as notified by the UGC\***

The research papers in the Journals notified on UGC website during the year

<b>Title of paper</b>	<b>Name of the author/s</b>	<b>Department of the teacher</b>	<b>Name of journal</b>	<b>Year of publication</b>	<b>ISSN number</b>	<b>Link to the recognition in UGC enlistment of the Journal</b>
Digital Payment System :Advantage and difficulties	V.N.Hissal B.A.Shelke S.S.Revate	Economics Computer Sci. Computer Sci.	Ayushi International Multidisciplinary Research Journal :Peer Review	2019	2349-638x	<a href="http://www.aairjournal.com">UGC Approved - HOME AIIRJ : AAYUSHI INTERNATIONAL INTERDISCIPLINARY RESEARCH JOURNAL (AIIRJ) (airjournal.com)</a>
Is Biometric Security System Safe from Viral Infection Covid19?	S.S.Revate B.A.Shelke P.D.Deshmukh	Computer Sci. Computer Sci. Computer Sci.	Purakala (UGC Care Journal)	2020	0971-2143	<a href="https://www.researchgate.net/publication/350106316_Purakala_UGC_Care_Journal_Is_Biometric_Security_System_Safe_from_Viral_Infection_Covid19">https://www.researchgate.net/publication/350106316_Purakala_UGC_Care_Journal_Is_Biometric_Security_System_Safe_from_Viral_Infection_Covid19</a>

**The books and chapters in edited volumes/books published in national/International**

<b>S. N.</b>	<b>Name of the teacher</b>	<b>Title of the book/chapters published</b>	<b>National / International</b>	<b>ISBN number of the proceeding</b>	<b>Affiliating Institute at the time of publication</b>	<b>Name of the publisher</b>

The books and chapters in edited volumes/books published and papers published in national/

Sl. No.	Name of the teacher	Title of the paper	Title of the proceedings of the conference	Name of the conference	National / International	ISSN number of the proceeding	Affiliating Institute at the time of publication	Name of the publisher

The Collaborative activities for research, Faculty exchange, Student exchange/ internship during the year

Sl. No.	Title of the collaborative activity	Name of the collaborating agency with contact details	Name of the participant	Year of collaboration	Duration	Nature of the activity	Link to the relevant document

### III. Research Projects:

#### Sponsored Projects

Type of project	Title	Agency	Year of completion	Whether Co-PI	Grant (Rs. Lakh)

**Consultancy Projects** (Amount mobilized with minimum Rs.10 lakhs for Engineering/sciences & minimum of Rs.2 lakhs for others, 10 points for every Rs 10 lakhs & Rs. 2 lakhs. respectively)

Sr. No.	Title	Agency	Year completion of	Whether Co-PI	Amount Mobilized (Rs. Lakh)	Page No.
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**Projects Outcome/Output: Patent / Technology transfer / Product process**

Sr. No.	Name of the Project	Funding Agency	Whether Co-PI	Amount Mobilized (Rs. Lakh)	Page No.
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**III D Research Guidance:**

Sr. No.	Name of Research Student	Registration date	Date of Thesis Submitted/ W-I-Progress	Date of Degree awarded

**Completed Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.**

Name of teacher who attended	Title of the program	Duration (from – to) (DD-MM-YYYY)
Revate S.S.	Refresher Course on "MOOCs/OERs"	10-10-2019 to 23-10-2019

**Fellowships, Awards and Invited lectures delivered in conferences / seminars**

**III E (i) Fellowships/ Awards**

Sr. No.	Fellowship/ Award	Year	Level International/ National/ University	Award Academic Body / Association	Page No.
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**Invited lectures at International/National/State / University Invited lectures**

<b>Sr. No.</b>	<b>Title of Lecture/ Academic session</b>	<b>Title of Conference/ Seminar</b>	<b>Organized by</b>	<b>Whether international/ national</b>	<b>Page No.</b>
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**Papers presented at International/National/State / University**

<b>Sr. No.</b>	<b>Title of Lecture/ Academic session</b>	<b>Title of Conference/ Seminar</b>	<b>Organized by</b>	<b>Whether international/ national/ state or University level</b>	<b>Page No.</b>
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### III Development of e-learning delivery process/material

Content / Module	Link
1	<a href="https://docs.google.com/forms/d/1_rvttXAU3k9mu21aDI_VxAGwNSqZSfgGgPfQ7w0TFPg/edit">https://docs.google.com/forms/d/1_rvttXAU3k9mu21aDI_VxAGwNSqZSfgGgPfQ7w0TFPg/edit</a> Online MCQ Quiz for B.Sc.III year students Paper :VB.NET(CS016)
2	<a href="https://docs.google.com/forms/d/1AZA26hNqqL6bcNf2CwEPrhbzcd_5TWyYsOoN5Vp8lmM/edit">https://docs.google.com/forms/d/1AZA26hNqqL6bcNf2CwEPrhbzcd_5TWyYsOoN5Vp8lmM/edit</a> Online MCQ Quiz for B.Sc.III year students Paper :DCN (CS019)
3	<a href="https://docs.google.com/forms/d/1f_H7q_AtKspsj4leIU8pdPvDz3X1ZjclWYYPwPEsJds/edit">https://docs.google.com/forms/d/1f_H7q_AtKspsj4leIU8pdPvDz3X1ZjclWYYPwPEsJds/edit</a> PROGRAMMING IN C QUIZ FOR B.SC.FY STUDENTS Computer Sci. (optional)Paper code CS05

#### UNDERTAKING

1. I Dr. REVATE SURYAKANT SHANKARRAO **undertake** that the information provided is correct.

Place: Omerga

Date:

Signature of faculty with Designation

Place: Omerga

Date:

Signature Head of Department

Place: Omerga

Date:

Principal

Evaluation Remarks by Management Committee under Internal Academic Audit

1) \_\_\_\_\_

2) \_\_\_\_\_

3) \_\_\_\_\_