



## Yearly Status Report - 2019-2020

### Part A

#### Data of the Institution

<b>1. Name of the Institution</b>	K.R.T.ARTS, B.H. COMMERCE AND A.M SCIENCE (K.T.H.M) COLLEGE
Name of the head of the Institution	Dr. V. B. Gaikwad
Designation	Principal
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	02532571376
Mobile no.	9422249241
Registered Email	dr.gaikwadvb@rediffmail.com
Alternate Email	contact@kthmcollege.com
Address	Shivaji Nagar, Gangapur Road, Nashik : 422002
City/Town	Nashik
State/UT	Maharashtra
Pincode	422002

<b>2. Institutional Status</b>																									
Affiliated / Constituent	Affiliated																								
Type of Institution	Co-education																								
Location	Urban																								
Financial Status	Self financed and grant-in-aid																								
Name of the IQAC co-ordinator/Director	Dr. Nitin D. Gaikwad																								
Phone no/Alternate Phone no.	02532571376																								
Mobile no.	9552147300																								
Registered Email	iqac@kthmcollege.ac.in																								
Alternate Email	gaikwad.chemistry@gmail.com																								
<b>3. Website Address</b>																									
Web-link of the AQAR: (Previous Academic Year)	<a href="http://www.kthmcollege.ac.in/images/department/download-20200110125018.pdf">http://www.kthmcollege.ac.in/images/department/download-20200110125018.pdf</a>																								
<b>4. Whether Academic Calendar prepared during the year</b>	Yes																								
if yes,whether it is uploaded in the institutional website: Weblink :	<a href="http://www.kthmcollege.ac.in/images/department/download-20212108135646.pdf">http://www.kthmcollege.ac.in/images/department/download-20212108135646.pdf</a>																								
<b>5. Accrediation Details</b>																									
<table border="1"> <thead> <tr> <th rowspan="2">Cycle</th> <th rowspan="2">Grade</th> <th rowspan="2">CGPA</th> <th rowspan="2">Year of Accrediation</th> <th colspan="2">Validity</th> </tr> <tr> <th>Period From</th> <th>Period To</th> </tr> </thead> <tbody> <tr> <td>3</td> <td>A++</td> <td>3.79</td> <td>2017</td> <td>30-Oct-2017</td> <td>29-Oct-2024</td> </tr> <tr> <td>2</td> <td>A</td> <td>3.30</td> <td>2011</td> <td>27-Mar-2011</td> <td>26-Mar-2016</td> </tr> </tbody> </table>						Cycle	Grade	CGPA	Year of Accrediation	Validity		Period From	Period To	3	A++	3.79	2017	30-Oct-2017	29-Oct-2024	2	A	3.30	2011	27-Mar-2011	26-Mar-2016
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3	A++	3.79	2017	30-Oct-2017	29-Oct-2024																				
2	A	3.30	2011	27-Mar-2011	26-Mar-2016																				
<b>6. Date of Establishment of IQAC</b>	30-Jun-2004																								
<b>7. Internal Quality Assurance System</b>																									
Quality initiatives by IQAC during the year for promoting quality culture																									
Item /Title of the quality initiative by IQAC	Date & Duration		Number of participants/ beneficiaries																						

Awareness of water conservation :Rajendra Singh	11-Mar-2020 1	47
Students Awareness Program on Entrepreneurship and Innovation as Career opportunity	22-Aug-2019 1	320
Role of IQAC	03-Feb-2020 1	163
Credit System	07-Feb-2020 1	73
Transformative Initiatives in learning and assessment in Higher education	15-Mar-2020 1	48
Recent Trends in Printing and Publishing technology	06-Mar-2020 1	49
Effects of new media on Society	28-Feb-2020 2	27
Principal Meet	11-Jan-2020 1	98
Effective ways to develop e-content for teaching-Learning	21-May-2020 10	793
MHRD Sponsored Refresher Course	01-Jul-2019 21	27
<a href="#">View File</a>		

**8. Provide the list of funds by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.**

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
UGC	STRIDE	UGC	2019 1095	9100000
UGC	PARAMARSH	UGC	2019 365	3000000
Mr. Pratik V. Shinde	JRF	CSIR	2019 365	404000
Mrs. Swati Pal	JRF	UGC	2019 365	404000
Chetan Ashokrao patil	SARTHI	Govt. of Maharashtra	2019 365	372000
Amol Balasaheb Kadam	SARTHI	Govt. of Maharashtra	2019 365	372000
Rahul Gaykhe	SARTHI	Govt. of Maharashtra	2019 365	372000

Ajit KaranJikar	SARTHI	Govt. of Maharashtra	2019 365	372000
Snehal Rohidas Katware	SARTHI	Govt. of Maharashtra	2019 365	372000
Swateja Deshmukh	JRD TATA	S.P. Pune University	2019 365	72000
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<b>9. Whether composition of IQAC as per latest NAAC guidelines:</b>	Yes
Upload latest notification of formation of IQAC	<a href="#">View File</a>
<b>10. Number of IQAC meetings held during the year :</b>	4
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	Yes
Upload the minutes of meeting and action taken report	<a href="#">View File</a>
<b>11. Whether IQAC received funding from any of the funding agency to support its activities during the year?</b>	No

**12. Significant contributions made by IQAC during the current year(maximum five bullets)**

- UGC sanctioned PARAMARSH Scheme (Rs. 30 Lacs) for mentoring NAAC accreditation aspirants institutions to promote quality assurance in higher education
- UGC sanctioned Scheme for Transdisciplinary Research for Indias Developing Economy (STRIDE) of Rs. 91 Lacs aims to promote an innovative culture for Trans disciplinary research especially in universities and colleges.
- Participation in NIRF Ranking 2020 and Swachh Institutional Ranking
- Organisation of MHRD sponsored: Faculty Development Programme in Mathematics
- Organisation of HRDC, SPPU sponsored: Faculty development program in Effective ways to develop econtent for teachingLearning.
- Organisation of MHRD sponsored : Principal Meet
- Organization of SPPU Sponsored: State level conference in mass media
- Organisation of state level conference in Printing Technology
- Organization of College sponsored workshops : 16
- Compound wall was built and parking area was developed.
- Campus was extended: construction of new floor in Annexe I
- Construction of new Girls Gymkhana
- Installation of hurdles for army and Naval NCC cadets
- Organization of All India Level Elocution competition
- Organization of National and state Level MVP Marathon
- Organization of Central assessment Program of S.P. Pune University for UG (Science)

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**13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year**

Plan of Action	Achievements/Outcomes
Awareness of water conservation : Rajendra Singh	Date : 11 March 2020, Participant : 47, Funded by : KTHM College
One day Students Awareness Program on Entrepreneurship and Innovation as Career opportunity	One day Students Awareness Program on Entrepreneurship and Innovation as Career opportunity, Date : 22 August 2019, Department : IIC, Participant : 320, Funded by : KTHM College
Workshop	Workshop : : Credit System, Date : 07 February 2020, Department : IQAC, Participant : 73, Funded by : KTHM College
Workshop	Workshop : "Role of IQAC" , Date : 03 February 2020, Department : IQAC, Participant : 163, Funded by : UGC- PARAMARSH
Workshop	Workshop : Transformative Initiatives in learning and assessment in Higher education, Date : 15 March 2020, Department : IQAC & MKCL, Participant : 48, Funded by : KTHM College
State Level Conference	State Level Conference : Recent Trends in Printing and Publishing technology, Date : 06 March 2020, Department : Printing, Participant : 50
State Level Conference	State Level Conference : Effects of new media on Society, Date : 28-29 February 2020, Department : Mass media, Participant : 27, Funded by : S P Pune University, Pune
Principal Meet	Date : 11 January 2020, Funded by : HRDC SPPU, Pune, Participant : 101
Faculty Development Programme	HRDC, SPPU Sponsored Faculty Development Programme: Title : Effective ways to develop e-content for teaching-Learning, Date: 21-30 May 2020, Funded by : HRDC SPPU, Pune, Participant : 793
Faculty Development Programme	Faculty Development Programme (Mathematics) in Application of Mathematical Software in Teaching and Research Date: 25 June to 04 July 2019, Funded by : MHRD under the scheme PMMNMTT, Participant : 27
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14. Whether AQAR was placed before statutory body ?

Yes

Name of Statutory Body	Meeting Date
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<b>15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?</b>	No
<b>16. Whether institutional data submitted to AISHE:</b>	Yes
Year of Submission	2020
Date of Submission	25-Jan-2020
<b>17. Does the Institution have Management Information System ?</b>	Yes
If yes, give a brief description and a list of modules currently operational (maximum 500 words)	<ul style="list-style-type: none"><li>• Admission : Institute MIS admission modules helps in admission process of all UG and PG students of the institute are required to complete the admission formality by filling up online admission forms writing all the academic and other information on this forms. The module helps in collecting the information of this academic admissions program wise and also helps in making merit list as per the institute norms with this merit list the student are admitted strictly base on their based on merit marks. • Examinations - This module takes care of the exam activities in the form of appointment of examiners, collection of the question papers, collection and compilation of continuous evaluation marks, end semester marks and declaration of results using CGPA system. • Administration - The day to day data related to attendance of regular and temporary faculty is part of this module which also helps in monthly salary payment of all employee of the institute. • Academic Activities - The information related to the students roll numbers their course details and their other information is part of this module. • Stores Management - This module helps in vendor registration, tender procedure used for procurement of consumables and equipments, the repair and maintenance of institute's infrastructure, receiving tenders, preparing comparative statements, preparing and placing orders and the necessary</li></ul>

administrative approvals of the procurement. • Time Table - Preparation and display of academic calendar and timetable. • Leave Management - Through this module all faculty members of the institute apply for different types of leaves and information goes for necessary approval of the same keeping record of total number of leaves consumed by the faculty throughout the year and the balance leave available with faculty. • Faculty service records - This module keeps service record of all faculties. • Fees Payment - Students through this module can pay their annual tuition fee, exam fee and other fees using online mode. • Accounts and Finance - Institutes accounts and finance is run with all its functions using accounts and finance modules.

## Part B

### CRITERION I – CURRICULAR ASPECTS

#### 1.1 – Curriculum Planning and Implementation

1.1.1 – Institution has the mechanism for well planned curriculum delivery and documentation. Explain in 500 words

• The institution implements various plans for effective implementation of the curriculum every year. • The College ensures effective curriculum delivery through a well-planned and documented process. The IQAC prepares the academic calendar of the college and departments prepare their departmental academic calendars. The academic calendar specifies suitable available dates for significant academic and other activities. • The faculty members are briefed on the academic activities of the college on the first meeting of the commencement of every academic year. The Head of the departments arranges departmental meetings to distribute and assign the workload. Allocations of lectures of all the subjects are planned according to University rules and regulations. Considering the workload and planning, the syllabus is disseminated as per classes and papers/courses for teaching. • Faculty members prepare semester wise teaching plan for theory and practical at the beginning of every term/semester. • Each teacher is provided with an academic diary online containing timetable, workload, Annual/Semester teaching plan, actual teaching units, daily teaching plan, and academic and administrative committee responsibilities. The academic diary is monitored by the concerned Head and the Principal. • The timetable committee prepares a general time-table and HoD of concerned departments prepare departmental timetable. Teachers conduct classes according to the timetable. IQAC and departmental meetings are held periodically to review the syllabus completed. • For the effective transmission and delivery of curricula, departments integrate classroom teaching with various ICT tools, laboratory practical's, field projects, students' seminars, tutorials, question papers solving, research projects, field survey, on-the-job training etc. • For the upgradation of subject-related knowledge, college organizes seminars, conferences, and workshops. This activity provides a platform to the faculty and the students to participate and interact with experts in various fields and enrich and update their subject knowledge. • All

the teachers use various teaching methodology to make learning process for the more effective curriculum delivery teachers' use participative, problem solving and student-centric learning methods. • The college always support and organize regularly educational study tours, field visits, practical and interactive sessions for enhancing their fundamental concepts and knowledge of the respective subjects • College also provides special guidance to the slow learners • Library provides INFLIBNET, DELNET, e-journals, Database, Shodhganga, OPEC, Book Bank facility etc. The college also provides departmental library and 50 Mbps internet connectivity with campus Wi-Fi facility to the students and the teachers for effective teaching-learning • Teachers provide study material to the students through their blogs • IQAC periodically conducts the Academic and Administrative Audit by the external peer for further improvement in the academic and administrative activities • Mandatory courses, NSS, NCC and YOGA inculcate in the minds of students the needs of society and enable them to have a broad outlook on life and lead to holistic development of student's character and personality • At the end of every academic year, IQAC collects feedback on curricula from all the stakeholders, it is then analyzed and analysis report is communicated to the concerned departments and BOS of the university.

#### 1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entrepreneurship	Skill Development
Tissue Culture	Tissue Culture	15/06/2019	365	Employability	Yes

#### 1.2 – Academic Flexibility

##### 1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
PhD or DPhil	Geography	15/02/2020
MSc	Computer Application	01/07/2019
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##### 1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BA	Arts	15/06/2019
BCom	Commerce	15/06/2019
BSc	Science	15/06/2019
BBA	BBA	15/06/2019
BCA	BCA	15/06/2019
BSc	Animation	15/06/2019
BSc	Computer Science	15/06/2019
BSc	Biotechnology	15/06/2019
BVoc	Printing Technology	15/06/2019
BVoc	Interior Disgn	15/06/2019
BVoc	Direct and Indirect Tax	15/06/2019
BVoc	Daramatics	15/06/2019



BVoc	Mass Media	15/06/2019
MA	Marathi	15/06/2019
MA	Hindi	15/06/2019
MA	English	15/06/2019
MA	Sociology	15/06/2019
MA	Political Science	15/06/2019
MA	History	15/06/2019
MA	Economics	15/06/2019
MA	Psychology	15/06/2019
MSc	Geography	15/06/2019
MSc	Organic Chemistry	15/06/2019
MSc	Inorganic Chemistry	15/06/2019
MSc	Analytical chemistry	15/06/2019
MSc	Botany	15/06/2019
MSc	Zoology	15/06/2019
MSc	Electronics Science	15/06/2019
MSc	Physices	15/06/2019
MSc	Computer Science	15/06/2019
MSc	Computer Application	01/07/2019
MSc	Statistics	15/06/2019
MSc	Environmental Science	15/06/2019
MSc	Biotechnology	15/06/2019
MSc	Microbiology	15/06/2019
MSc	Mathematics	15/06/2019
MSc	Biochemistry	15/06/2019
MA (Journalism)	MJMC	15/06/2019
MCom	Commerce	15/06/2019

### 1.2.3 – Students enrolled in Certificate/ Diploma Courses introduced during the year

	Certificate	Diploma Course
Number of Students	25	Nil

## 1.3 – Curriculum Enrichment

### 1.3.1 – Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students Enrolled
Analytical techniques in Pharmaceutical	15/06/2019	25
Industrial Instrumental Analysis	15/06/2019	25
Personality and soft skill Development	15/06/2019	88
Human Value and Rights	15/06/2019	450

Event management	06/08/2019	33
Renewable Energy Resources	16/08/2019	19
Industrial Safety	15/06/2019	20
Digital cartography an application geoinformatic	15/06/2019	15
CCNA	23/06/2020	65
Latax Writing Software	10/08/2020	52
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### 1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
MSc	Computer Science	53
BVoc	Mass media	43
BVoc	Interior Design	48
BVoc	Printing Technology	39
MSc	Statistics	5
MSc	Zoology	154
BA	Geography	102
MSc	Environmental Science	20
BA	History	25
BSc	Geography	30
<a href="#">View File</a>		

### 1.4 – Feedback System

#### 1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

#### 1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution? (maximum 500 words)

Feedback Obtained
<ul style="list-style-type: none"> <li>Institute conducts online feedback by the students, parents, alumni, employers and teachers</li> <li>Students gives feedback about curriculum, library, college, teaching and curriculum, teachers. Every semester, after the end semester examination. The student's gives feedback for all the theory and practical courses taught to them in the semester. The general assessment points of the feedback based on question based syllabus, adequacy of syllabus, assessment of answer books, Satisfaction about teaching methodology, Teachers approachability towards students, Teachers ability to teach subject and control the class, Syllabus coverage organisation of lectures use of modern tools of Pedagogy etc.</li> <li>Alumni Feedback is conducted whenever alumni Meets are organised in the Institute during academic year. The Feedback from Alumni is</li> </ul>

drawn evaluating subject knowledge of the program, level of meeting expectation, progress of Alumni in career after graduation, impact of training, motivation at college, • The Employers feedback highlights evaluation parameters in the form of subject knowledge, attitude, Behaviour, Regularity, Punctuality, Maturity, Motivation, Creativity, Presentation Skills and ability to get along with others. The analysis of this feedback helps institute in reframing the course content and various skill development training. It also helps in determining overall employability of our students at various levels. • The feedback from the Parents helps the Institute immensely reorienting the administrative, accommodation, general ambience, the skill development, suitability of the courses for career growth of the ward, the skill development of ward etc. • Teachers Feedback is conducted at the end of academic year. The feedback from teachers is drawn relating to satisfaction towards the curriculum, teaching, learning, evaluation and infrastructure. • All the feedback is taken on a 5 point scale on 1 to 5 with 1 at Poor and level 5 on excellent level. The Institute policy is that if teachers gets average grade less than 2.5, he/she is being called by the institute authorities and is being informed about his/her performance of the particular course. The teachers are accordingly instructed by the authorities to improve their performances.

## CRITERION II – TEACHING- LEARNING AND EVALUATION

### 2.1 – Student Enrolment and Profile

#### 2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
MSc	Inorganic Chemistry	24	420	24
MSc	Organic Chemistry	30	510	29
MSc	Analytical Chemistry	30	480	29
MCom	Commerce	180	553	178
BCA	BCA (Science)	88	150	88
BBA	BBA	88	512	90
BSc	Computer Science	176	300	176
BSc	BSc (Science)	528	2314	506
BCom	BCOM (Commerce)	1056	2818	1030
BA	BA (Arts)	924	1362	922

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### 2.2 – Catering to Student Diversity

#### 2.2.1 – Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2019	7858	2101	55	13	179

## 2.3 – Teaching - Learning Process

2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used
247	247	26	50	5	7

[View File of ICT Tools and resources](#)

[View File of E-resources and techniques used](#)

2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

The process of Mentoring play very pivotal role in student teacher relationship. It addresses the needs of the students to have a friend, a counselor and a confident on the campus. The practice is aimed at fostering a better rapport between the students and the teachers at a personal level. Effective mentoring begins with the faculty and depends upon the healthy relationship between faculty and students. Inculcating discipline, punctuality and motivation among the students is the main objective in career building of a student. The mentoring system aims at addressing conflicts in attitudes, habits, and knowledge of the students towards learning practices. The College has its own mentoring system where the faculty of particular subject and respective department acts as mediator between the students and the college and perform the following functions. Action Plan of Mentor: a) The teacher conducts the attendance in every lecture and is maintain in online dairy. b) If a student is absent consistently then mentor communicate with them and enquire the reason and advises the solution. c) In some cases action has been taken via the HOD and forwards the details of a student to the Principal for further action. d) The Mentors provides counseling of defaulter student and encouraged to attend lectures and practical regularly. e) Mentor not only took care of academic problems of their mentee but also helps to solve personal problems through Vishkha Committee, Grievance redressal cell. f) The IQAC regularly monitor the student mentoring system from various departments. Duties Responsibilities of Mentor: 1. Mentors are assigned to monitor and guide students throughout the year. 2. Mentors coordinate with the parents regarding the progress of the students during parents meet. 3. Mentors communicate with fellow faculty and promote mentee at the time of difficulty to help them develop further in their areas of interest. 4. Continuously monitors, counsels, guides and motivates the students in all academic matters and advises students in their career development/professional guidance. 5. Advises students regarding choice of electives, project, summer training etc. 6. Contacts parents if situation demands as in case of academic irregularities, negative behavioral changes and interpersonal relations etc. 7. Intimates HOD and suggest if any administrative action is called for. Duties Responsibilities of HOD: 1. Meet all mentors of his/her department at least once a month for the reviewing of proper implementation of the system. 2. Suggest and advise mentors whenever necessary. 3. Initiate administrative action whenever necessary. Output of the Mentoring system: 1. The attendance of the students has increased to a greater extent. 2. The number of detainment of students has decreased consistently. 3. In course of direct communication between mentor and mentee there was a good improvement in the teacher student relationship that gives fruitful results in teaching learning process. 4. The effective implementation of students mentoring system helps to achieve better academic performance in results and that reflects through increase in the number of University rank holders.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
9959	247	1 : 40

## 2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
282	247	35	13	87

2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year )

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2019	Dr. V. B. Gaikwad	Principal	Chhatrapati Rajashri Shahu Maharaj Award
2019	Dr. V.B. Gaikwad	Principal	Best Principal Award by Jadhavar Education Trust, Pune
2019	Smt. P. S. Patil	Assistant Professor	SET 2019
2019	Dr. M. K. Deore	Associate Professor	Best College Teacher Award from Sarvojanik Vachnalay, Nashik
2019	Dr. G. J. Mogal	Assistant Professor	Smita Patil Shabadpera Award Girna Gaurav Pratishtan
2019	Smt. Bhamare M. R.	Assistant Professor	Best Oral presentation Award at international conference on climate change its effect on biodiversity, commerce, economics
2019	Dr. Kadam V. B.	Associate Professor	Recognition Award for best contribution in the field of life sciences by society of life sciences, Satana on 14th Dec, 2019.
2019	Supriya Vivek	Assistant Professor	FIMSA bursary award by Fedearation of immunological societies of Asia Oceania-14-10-2019
2019	Dr. V.R. Kakulte	Assistant Professor	F. S. L. Sc. for outstanding performance in life science by society of life science-14-12-2019

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## 2.5 – Evaluation Process and Reforms

2.5.1 – Number of days from the date of semester-end/ year- end examination till the declaration of results during

the year

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
BCA	SY/TYBCA	Semester	15/11/2019	13/12/2019
BCA	FYBCA	Semester	16/11/2019	25/01/2020
BSc	SY/TYBCS	Semester	04/11/2019	13/12/2019
BSc	FYBCS	Semester	18/10/2019	25/01/2020
BSc	SY/TYBSc	Semester	16/11/2019	29/01/2020
BSc	FYBSc	Semester	16/11/2019	25/01/2020
BCom	FYBCOM	Semester	30/11/2019	25/01/2020
BA	SY/TYBA	Annual	15/11/2019	14/12/2019
BA	FYBA	Semester	23/11/2019	25/01/2020

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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

The College being affiliated to Savitribai Phule Pune University, Pune adheres to syllabus prescribed by the University. The examination department coordinates both internal and external exams as per the examination schedule of affiliating University. Institution also adopts continuous Internal Evaluation system to assess all aspects of student's development on a continuous basis throughout the year. Internal / Term end examination is conducted for UG students by full length paper format as in final university examination so that students get an idea about paper format and need of coverage of answer in each section. Teachers evaluate UG students in a course through their interaction throughout year including one or more mechanism viz. written class test, one internal per semester, exercises preparation, home assignment, group discussion, open book test, viva-voce during practical, field visit etc. For PG student seminars, projects, dissertation, ppt-presentation, group discussion, internal test, surprise tests, home assignment, team paper writing, library assignments, excursion study tours, visit reports are compulsory activities. The students are engaged in these activities throughout the year. Reforms like earning compulsory ten credits for courses on cyber security/information security, Human rights and skill development are also introduced by the college. First year annual examinations are conducted by college as per examination schedule provided by affiliating university wherein reforms like use of Barcode and Holocraft on answer sheets of the students has been adopted and whole assessment and declaration of results has been carried out in college through central assessment program (CAP). During the COVID-19 pandemic situations internal examinations of PG students were conducted through online mode using various tools viz. Google forms, Google meet and Zoom meet for oral examination and Google classroom etc.

2.5.3 – Academic calendar prepared and adhered for conduct of Examination and other related matters (250 words)

The college is affiliated to Savitribai Phule Pune University, Pune and therefore College follows the calendar prepared by affiliating University to plan curricular, co-curricular and extracurricular activities for various UG and PG courses. The curricular activities are guided by the academic calendar, prepared by the IQAC, as a master plan for the year. Thus, this calendar helps to plan out the teaching schedule after taking stock of the teaching days available therein. At the end of the academic term the teaching plan execution

reports is submitted online to IQAC along with supportive document for verification and to undertake necessary action. Feedback on teacher performance is also taken by IQAC. The final examination of all the courses are conducted at the end of term (semester or annual) by the affiliating University and schedule is inform to the college and students on the website. The notice and circulars regarding conduct of examination is displayed on the notice board as well as college website to inform the schedule of examination to the students. Examination section prepares the examination schedules and informs the same to all departments to conduct the internal assessment for each subject and after conduction of internal assessment examination department directs the teachers for online marks entry on website of affiliating University. At the end of academic year 2019-20 the changes in examination schedule strictly followed as directed by the affiliating university in COVID-19 pandemics.

## 2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

<http://www.kthmcollege.ac.in/images/department/download-20202901151136.pdf>

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
BBA	BBA	TYBBA	62	53	70.79
BVoc	BVoc	TY Interior Desingning	46	46	100
BVoc	BVoc	TY Printing Technology	39	39	100
MSc	MSc	Biochemistry I	16	16	100
MSc	MSc	Biochemistry II	20	20	100
BSc Biotec hnology	BSc	TY Biotech nology	41	39	95.12
MSc Biotec hnology	MSc	Biotechnol ogy I	21	21	100
MSc Biotec hnology	MSc	Biotechnol ogy II	22	21	95.12
BSc	BSc	TY Botany	55	53	96.36
MSc	MSc	Botany I	29	29	100

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## 2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

<http://www.kthmcollege.ac.in/images/department/download-20212108140405.pdf>

**CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION****3.1 – Resource Mobilization for Research**

## 3.1.1 – Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Nil	365	CPCB and MPCB, Ministry of Environment, Forest and Climate Change	705000	705000
Nil	365	U.G.C.	431520	431520
Any Other (Specify)	365	CSIR	420000	420000
Any Other (Specify)	1095	SPPU	432000	144000
Any Other (Specify)	720	U.G.C.	3000000	1500000
Major Projects	1095	U.G.C.	9100000	4550000
<a href="#">View File</a>				

**3.2 – Innovation Ecosystem**

## 3.2.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of workshop/seminar	Name of the Dept.	Date
Application of mathematical software in teaching and research	HRDC SPPU pune Department of Mathematics, KTHM College, Nashik	25/06/2019
ISRO RESPOND Programme	Electronics	11/09/2019
Teachers organised by Nashik District Consumer Panchayat	Commerce NDCP	04/01/2020
Workshop on Molecular Biological Techniques	Biotechnology	14/12/2019
Workshop on Glassware Handling and Safety	Biotechnology	25/02/2019
Rethinking Development and Displacement in India	Sociology	27/01/2020
Bharat Beyond 2020	English	04/07/2020
One Day Workshop on "Intellectual Property Rights Intellectual Property Management for Startups"	Startup Innovation Cell	30/01/2020
Online Design Workshop	B. Voc. Dramatics	04/10/2020
LED TV repairing	Electronics	05/02/2020
Student Solar Ambassadors Workshop	Biotechnology	02/10/2019



One day College level workshop on Electric motor repairing	Physics	03/03/2020
One day College level workshop on Solar panel Installation and Maintenance	Physics	03/04/2020
Ideation Workshop	Startup Innovation Cell	20/09/2020

3.2.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
Science Day : Science exhibition and poster presentation - 2nd Position in Poster Presentation	Mayur Mahajan	K.T.H.M.Collge, Nashik	28/02/2020	Post Graduate
Avishkar competition - District level Selection	Mayur Mahajan	SPPU	04/01/2020	Post Graduate
International conference on Biotechnology : Perspectives and Chalanges - won 2nd position in poster presentation.	Kamini Khairnar	Modern College of Arts, Science and Commerce, Pune	28/02/2020	Post Graduate
International conference on Biotechnology : Perspectives and Chalanges - won 2nd position in poster presentation.	Anagha Chinchore	Modern College of Arts, Science and Commerce, Ganeshkhind, Pune	15/02/2020	Post Graduate
Avishkar Competition University level Selection	Jayant jamdhade	SPPU	21/01/2020	Post Graduate
Avishkar Competition University level Selection	Anagha Chinchore	SPPU	21/01/2020	Post Graduate
Presentation Competition 2019-20	Alpesh J.Manseta	Arts , Commerce Science College, Dindori	17/01/2020	College level

MicrobiOlympiad	Kajal Mahale	Government Institute of Science	15/02/2020	Under Graduate
FIMSA bursary award	Supriya Vivek	FIMSA	15/10/2019	PhD Work
Microolympiad	Rohit Mali and Khushaboo Sonar	Government Institute of Science	15/10/2019	Secured second position in National Level Microolympiad
<a href="#">View File</a>				

### 3.2.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
Startup Innovation Cell	Chaitanya Joshi Khushabu Sonar	KTHM College Nashik	Bifidobiotic	Health Care	20/12/2020
Startup Innovation Cell	Sagar Patil	Self	Rayrobotics	Robotics, Services	12/08/2019
<a href="#">View File</a>					

### 3.3 – Research Publications and Awards

#### 3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
00	10000	00

#### 3.3.2 – Ph. Ds awarded during the year (applicable for PG College, Research Center)

Name of the Department	Number of PhD's Awarded
Zoology	1
Botanty	1
Chemistry	3
Commerce	1
Economic	1
English	1
Hindi	2
Marathi	1

#### 3.3.3 – Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publication	Average Impact Factor (if any)
International	Chemistry	23	1.8
International	Botanty	16	3.56
International	Commerce	9	5.29
International	Mathematics	6	2.24

International	Zoology	5	3.36
International	Environment	4	0.31
International	English	3	0
International	Politics	3	0
International	Geography	4	3.14
International	Microbiology	4	0
<a href="#">View File</a>			

3.3.4 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
Botany	4
Commerce	14
Economic	10
Geography	3
Microbiology	5
Zoology	21
Physics	5
Marathi	1
English	1
Environment	1
<a href="#">View File</a>	

3.3.5 – Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
A novel energy efficient and SLA-aware approach for cloud resource management	Madhukar Nathu Shelar	International Journal of Grid and High Performance Computing (IJGHPC)	2019	1	KTHM College, Nashik	1
Effect of Surface Modification by CuO on Surface Morphology , Electrical Properties and Gas Response	M. K. Deore	Sensor Letters	2020	1	KTHM College, Nashik	1

of ZnO Thick Films						
Antimicrobial resistance pattern of microorganisms isolated and identified from Godavari River across the mass gathering event	Jayashri Bandal	Journal of Biosciences	2019	2	KTHM College, Nashik	Nil
Application of ring-rearrangement metathesis in organic synthesis: A grand design	M. P. Meshram	Tetrahedron	2019	2	KTHM College, Nashik	4
Advanced Approaches to Post-Assembly Modification of Peptides by Transition-Metal-Catalyzed Reactions	M. P. Meshram	Synthesis	2019	3	KTHM College, Nashik	3
La doped BaTiO <sub>3</sub> nanostructures for room temperature sensing of NO <sub>2</sub> /NH <sub>3</sub> : Focus on La concentration and sensing mechanism	V. B. Gaikwad	Vacuum	2019	5	KTHM College, Nashik	8
Optimization of strontium-doping con	V. B. Gaikwad	Materials Today Chemistry	2019	2	KTHM College, Nashik	4

centration in BaTiO3 nanostructures for room temperature NH3 and NO2 gas sensing"						
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3.3.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
"Optimization of strontium-doping concentration in BaTiO3 nanostructures for room temperature NH3 and NO2 gas sensing"	V. B. Gaikwad	Materials Today Chemistry	2019	Nil	4	KTHM College, Nashik
La doped BaTiO3 nanostructures for room temperature sensing of NO2/NH3: Focus on La concentration and sensing mechanism	V. B. Gaikwad	Vacuum	2019	Nil	8	KTHM College, Nashik
Advanced Approaches to Post-Assembly Modification of Peptides by Transition-Metal-Catalyzed Reactions	M. P. Meshram	Synthesis	2019	Nil	3	KTHM College, Nashik
Application of ring-rearrangement	M. P. Meshram	Tetrahedron	2019	Nil	4	KTHM College, Nashik

ement metathesis in organic synthesis: A grand design						
Antimicrobial resistance pattern of microorganisms isolated and identified from Godavari River across the mass gathering event	Jayashri Bandal	Journal of Biosciences	2019	Nil	Nil	KTHM College, Nashik
Effect of Surface Modification by CuO on Surface Morphology , Electrical Properties and Gas Response of ZnO Thick Films	M. K. Deore	Sensor Letters	2020	Nil	1	KTHM College, Nashik
A novel energy efficient and SLA- aware approach for cloud resource management	Madhukar Nathu Shelar	International Journal of Grid and High Performance Computing (IJGHPC)	2019	Nil	1	KTHM College, Nashik
<a href="#">View File</a>						

3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	26	75	55	90
Presented papers	23	22	2	Nil
Resource persons	1	1	4	1

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### 3.4 – Extension Activities

3.4.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
Unnat Bharat Abhiyan Rally	KTHM College and Grampanchayat Ganesh gav Trimbak	8	40
Organ Donation Lecture	Civil Hospital, Nashik	3	80
Blood Donation camp	MVP Medical College, Adgaon, Nashik.	3	51
M.V.P.Marathon	MVP Samaj Sanstha	2	70
Tree Plantation	College Level	2	55
Carrier Counselling Program for Students to apprise about CMA Course	Commerce ICMA Ozer Chapter	4	224
Ecofriendly Ganeshvisharjan	Nashik Municipal Corporation and NSS	3	110
Blood Donation camp	HDFC Bank and MVP Medical College,Nashik	3	50
Aids Rally	Mahindra and mahindra	2	56
Student Solar Ambassadors workshop	IIT Mumbai and KTHM College, Nashik	20	1886

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3.4.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
All india inter university Archery competiotion	Silver Medal	UGC New Delhi	1
Interuniversity Kabbadi Competition	Bronze Medal	Govt. of Maharashtra	1
Para kabbadi National Championship	Gold	Govt. of Karnataka	1
Govt of Maharashtra Sport Player Award	Shiv Chhatrapati Award	Govt. of Maharashtra	1

BIOFEST 2020 Science Exhibition	awarded with cash prizes of Rs.1000	K.T.H.M.College	15
indradhanushya youth fest	best tabla artist	pune university	1
NSS activities (Blood Donation, Tree Plantation)	Best NSS Programme Officer Award	Savitribai Phule Pune University, Pune	300
NSS Camp	District Level Best NSS Volunteer Award	Savitribai Phule Pune University, Pune	1
Tobacco control activity done in the college and adopted village.	Gold Trophy	Sambandh Health Foundation, Delhi	10
<a href="#">View File</a>			

3.4.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
NSS and BSW Covid free India/awareness programme	Board of Student Development SPPU and NSS ,KTHM and The blind welfare association	Distribution of Pulses, Oil, Wheat and other daily need based things	2	14
Jagtik Divanga Din	Board of Student Development SPPU and KTHM	Jagtik Divanga Din	5	99
NSS and BSW Covid free India/awareness programme	Board of Student Development SPPU and NSS ,KTHM	production and distribution of 500 litre sanitizer to NMC Nashik	6	50
NSS and BSW Covid free India/awareness programme	Board of Student Development SPPU and NSS ,KTHM	Mask Making Activity(8600 mask making and distribution)	6	50
Unnat Bharat Abhiyan	Government of India (Ministry of HRD)	Health Awareness Programme on 23 January, 2020 in the Aswali Harsh. Dr. Pratima wagh interacted with villagers about the health.	3	22



Gender Sensitization programme	Board of Student Development SPPU and KTHM	Lingbhav Janiv Jagruti( Gender Sensitization)	8	162
Giryarohan Shibir	Board of Student Development SPPU and KTHM	Giryarohan Shibir	3	60
Survey Executive for Enumeration, Supervision and Verification	Ministry of Statistics and Programme Implementation Govt. Of India	Economic Sensus	1	1
Tectonia Event	Nowrosjee Wadia college, Pune	Tectonia Event	3	6
Unnat Bharat Abhiyan	Government of India (Ministry of HRD)	Gram Sabha Visits to Aswali Harsh	2	5
<a href="#">View File</a>				

### 3.5 – Collaborations

3.5.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of activity	Participant	Source of financial support	Duration
NA	NA	NA	Nil
No file uploaded.			

3.5.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
Internship in Industries	Indusrtial Training	Parksons Packaging, Pune.	03/11/2019	31/01/2020	5
Internship	I.T.Training Project for PG students	Cognifront Technology	01/01/2020	30/06/2020	3

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3.5.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
Zabuza Labs, Nashik	20/07/2019	Recognize the mutual interest in	200

		<p>the field of industrial training, development and dissemination of knowledge 2) Recognize the importance of industries interaction activity for mathematics students 3) Recognize the importance of the industrial partne</p>	
Garogoti Mineral Meusium	15/08/2019	Mineral introduction to students and internship	3
Dhanashree Enterprises (Franchisee Holder) The Institute of Computer Accountants Nashik ICA Edu Skills Pvt Ltd., Kolkata	16/12/2019	The Course Tally ERP 9 (LITE) Course with GST 30 Hrs. Course contents for students. It is in a trade imparting graduates and post graduates level education to its students.	70
Abhivyakti: Media for development, Nashik	07/09/2019	Name of Organisation with which MoU is signed Date of Signed MoU Purpose and Activities No. of expected Teachers/Students Participated under MoU Abhivyakti: Media for development, Nashik 09-07-2017 The objectives of the MOU are: a) To promote and	200
Bio Organic Industries,663, A Wing, 2nd Floor Market Yard, Dindori Road, Panchwati, Nasik -422003.	20/06/2019	1. Training and visits of K.T.H.M. students to the laboratory Bio Organic Industries. 2. Guidance on research projects in Soil Microbiology, Soil Analysis ,	40

		Biofertilizers, Biopesticides, and PGPR. 3. Fulfilling analytical r	
New Age Urja Vikas Sanstha NGO	09/04/2019	To organize and undertake extra-mural studies and extension services in renewable energy and provide cooperation for ugc sponsored new program BVoc from June 2014.	131
Enermax Systems	09/04/2019	To organize and undertake extra-mural studies and extension services in renewable energy and provide cooperation for ugc sponsored new program BVoc from June 2014.	106
Sanjivan Reshim Udyog, Dhadegaon, Pathardiphata, Nashik	28/02/2019	Skill Based Training, Education and Research regarding Sericulture technology	50
Ashwamedh Agro Chemical PVT. LTD, Manufacturers and Marketer of Biopesticides and Biofertilizers company, Kopargaon, Dist- Ahmednagar.	27/09/2019	To Promote and enhance academic interest and Research	50
Mahavir College, Kolhapur.	05/03/2020	Exchange of Faculty, students. To organize joint training programs, seminars, workshops conferences.	310
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#### **CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES**

##### **4.1 – Physical Facilities**

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
113.67	127.31

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing
Class rooms	Existing
Laboratories	Existing
Seminar Halls	Existing
Classrooms with LCD facilities	Existing
Seminar halls with ICT facilities	Existing
Value of the equipment purchased during the year (rs. in lakhs)	Existing
Others	Existing
<a href="#">View File</a>	

#### 4.2 – Library as a Learning Resource

##### 4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or partially)	Version	Year of automation
eCampus Education Hub	Fully	2.2.8.4	2012

##### 4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	92220	9515217	1958	233904	94178	9749121
Reference Books	24138	11105707	502	257571	24640	11363278
e-Books	3135000	5900	Nill	Nill	3135000	5900
Journals	104	158378	Nill	Nill	104	158378
e-Journals	6000	5900	Nill	Nill	6000	5900
CD & Video	471	9159	Nill	Nill	471	9159
Weeding (hard & soft)	46128	Nill	Nill	Nill	46128	Nill
Others (specify)	Nill	Nill	3	96443	3	96443

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##### 4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
Dr. V. B. Gaikwad	Atomic Spectroscopy	SPPU: Learning Management System	15/12/2020

Dr. Santosh Adhav	Duties and Rights of Paying Bankers	SPPU Learning Management System	18/11/2020
Himani Sonawane	Primary Sedimentary Streeches	SPPU Learning Management System	03/11/2020
Ashwini Khalkar	Scanning Electron Microscopy	SPPU Learning Management System	07/10/2020
Digambar Uphade	Moment Generating Function	SPPU Learning Management System	16/10/2020
Dr. Ganesh Mogal	Concepts of Programming	K.T.H.M. e-Learning Portal	07/12/2020
Dr. B. L. Gadakh	Physical Settings	K.T.H.M. e-Learning Portal	03/11/2020
Dr. N. D. Gaikwad	Strength of Organic Acids and Bases	K.T.H.M. e-Learning Portal	06/10/2020
Dr. D.S. Khandbahale	Modern Trends in Angiosperm Taxonomy	K.T.H.M. e-Learning Portal	21/10/2020
Dr. J. R. Pardeshi	Hindi Language	K.T.H.M. e-Learning Portal	06/10/2020

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#### 4.3 – IT Infrastructure

##### 4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/GBPS)	Others
Existing	654	19	0	4	2	16	33	0	15
Added	107	1	0	0	0	2	0	0	0
<b>Total</b>	<b>761</b>	<b>20</b>	<b>0</b>	<b>4</b>	<b>2</b>	<b>18</b>	<b>33</b>	<b>0</b>	<b>15</b>

##### 4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

70 MBPS/ GBPS

##### 4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
Lecture Recording and Video Production Studio	<a href="http://www.kthmcollege.ac.in/lecture-capturing-and-videop-production">http://www.kthmcollege.ac.in/lecture-capturing-and-videop-production</a>

#### 4.4 – Maintenance of Campus Infrastructure

##### 4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
15.25	13.61	127.31	113.67

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)

The institution makes provision for its annual budget for the maintenance and upkeep of the infrastructure. The proper allocation of the funding received from the Parent Institute, UGC, CSIR, DST, DBT, CPE Grants and BOD SPPU, Pune is made. The institution has proper systems and procedures for the maintenance, upkeep and utilization of both physical facilities and academic support facilities. • The needs for maintenance and upkeep of the classrooms, seminar rooms and faculty rooms etc. are given by the respective departments and necessary actions are taken • Annual maintenance contracts are signed for the maintenance of Generators, Water Purifiers, Coolers, Intercom and Biometric Systems • C.C.T.V., Air Conditioners, Computer hardware, software, LCD projectors, Printers and other equipments are repaired and maintained by the respective service providers • Building maintenance is done by the site engineer appointed by the Parent Institution • Furniture including benches, desk, tables, cupboards and chairs are repaired or replaced as per requirement • Instruments in Central Instrumentation Center (IR, AAS, GCMS, HPLC, UVVisible spectrophotometer) are regularly maintained and upgraded • Equipment in science laboratories (Leica Microtome, Automatic tissue processor, Microscopes, Incubator, ovens, suction pumps, potentiometer, conductometer, deep freezers, rotary evaporator, CRO etc) are maintained on regular basis • An electrician and a plumber are appointed by Parent Institution • Fire safety equipments are installed in every department and are annually refilled Maintenance and upgradation of instruments and equipment is done under the strict observance of the internal review committee. • Equipment and electronic instruments in the laboratories (function generator, oscilloscope, pH meter, conductometer, Nephelometer, Refractometer, Spectrophotometer, Colourimeter, Autoclave PCR, micro, inverted microscope, electrophoresis etc.) are calibrated as per need and use and also during the practical sessions • The instruments in the Central Instrumentation Centre (FTIR, UVvisible, GCMS, AAS, HPLC, TGADTA, RF, Surface area analyser etc.) are calibrated as per the guidelines given in their manuals before their functioning by the Standard Operation Procedure • Daily recording of weather data is carried out from the instruments in the weather observatory. There are 10 major instruments in the observatory for the collection of data. The installed instruments are calibrated and repaired as per need and use • Air conditioners in Central Instrumentation Centre, Tissue Culture Lab and some computer labs have been installed for suitable environment required for proper functioning of the equipments, instruments and computer systems. • Refrigerators in the science laboratories are used for storage of sensitive chemicals and cultures • The college has installed three Generators with 50,62.5 and 140 KVA capacities through which electricity back up is given in all the Classrooms, Laboratories, Auditoriums and Library • The institution ensures voltage stability through U.P.S./Inverter in order to protect its sensitive ICT facilities. The proper earthing and lighting protection is done • 01 tubewell and 02 wells are available in the premises for water supply • 22 store tanks have been constructed or installed for storage of water • Water coolers and purifiers have been installed on each floor of each building.

<http://www.kthmcollege.ac.in/infrastructure>

## **CRITERION V – STUDENT SUPPORT AND PROGRESSION**

### **5.1 – Student Support**

#### 5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees

Financial Support from institution	Poor boys Fund ,Blind and Orphans Students Fees paid by College	210	593393
Financial Support from Other Sources			
a) National	Pune University Scholarship, Samaj Kalyan Scho. (Maharashtra govt.), Central Sector Scholarship (Central Govt. Scho.)	10649	16646343
b) International	Help the blind Foundation, Chennai, Blue Criss Lab., Mumbai	76	732000
<a href="#">View File</a>			

5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
Yoga Camp/Training	18/01/2020	35	B.Voc. (Mass Media)
Remedial Coaching	12/09/2019	60	Department of Commerce
Soft Skill Development	18/07/2019	50	B.Voc. (Printing Technology)
Language Lab Training Programme	15/09/2019	45	Department of English
Soft Skill Development	10/07/2019	60	Department of English
Remedial Coaching	30/12/2019	13	Department of Computer Science
Soft Skill Development	01/01/2020	110	Mahindra Pride School run by 'Nandi Foundation' and Computer Science
Personal Counselling and Mentoring	12/03/2020	47	Department of Computer Science
Remedial Coaching	18/11/2019	5	Department of Biochemistry
Bridge Course	09/07/2019	32	Department of B.B.A
<a href="#">View File</a>			

5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the

institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
2019	Competitive Exam Guidance / Carrer Guidance	941	900	2	2
2020	Competitive Exam Guidance / Carrer Guidance	288	714	23	2
2020	Vocational Training	89	Nil	Nil	Nil

[View File](#)

5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
Nil	Nil	Nil

## 5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
Cognifront technology and other 23 companies	447	104	Cravita technology and other 178 companies	214	207

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5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
2019	1	B.Voc Interior Design	Interior Design	NIFD College	M. Sc in Interior Design

[View File](#)

5.2.3 – Students qualifying in state/ national/ international level examinations during the year



(eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
NET	3
SET	21
GATE	5
Any Other	5
<a href="#">View File</a>	

#### 5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
Yuvaspandan	District level	110
Soft skills Training Programme	College level	60
MVP Elocution Competitions	All India level	220
Inter Zonal Archery Competitions	Zonal level	75
Inter college canoeing and Kayaking competitions	College level	87
Inter college Archery competitions	College level	27
All India level Marathon Competitions	All India level	3500
Youth Festival	District level	750
Inter college canoeing and Kayaking competitions	University Level	37
<a href="#">View File</a>		

### 5.3 – Student Participation and Activities

5.3.1 – Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one)

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2019	Para National Gold Medal ,Kabaddi	National	1	Nil	434104	Sagar Vasant Bodake
2019	AIU Silver Medal, Archery	National	1	Nil	434104	Gaurav Trambak lambe
2019	University Sports Festival. Bronze Medal	National	1	Nil	119112	Shruti Ambadas jadar
<a href="#">View File</a>						

5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

Students of the institution are given representation on academic and administrative bodies and different committees and cells such as Board of Students Development, Anti-Ragging and Grievance Redressal Cell, Women Empowerment and Anti-Harassment Cell (Vishakha Samiti), Internal Quality Assurance Cell (IQAC), Hostel Committee, Gymkhana Committee, Library Committee, Placement Cell, Institution Innovation Cell (IIC), Academic Research Council, Students Counseling Cell, Arts Circle, Soft Skills Development Cell, KTHM Annual Festival, Annual Magazine Committee, National Social Service (NSS), National Cadet Corps (NCC: Boys and Girls), Naval NCC, Boat Club Committee, and Alumni Association Cell. The meetings of the said committees and cells conducted and a follow-up is taken in order to bring quality and effectiveness in executing the function of the same. Several Curricular and Cocurricular activities are conducted by these committees and cells where students play a crucial role in organizing the programmes on the campus of the institution. Such activities seem beneficial for developing administrative and managerial skills among the students. Students actively participate in the lecture series organized by the institution every year. They are assigned with various tasks during the series which strengthens cooperation, teamwork, and a sense of collective work among them. Through such activities students feel themselves as a very part and parcel of the institution.

**5.4 – Alumni Engagement**

5.4.1 – Whether the institution has registered Alumni Association?

Yes

The College has a registered alumni association. The registration number is F-18400/Nashik dated 14/11/2017. Alumni are the strength of our college with approximately 5000 students passing out every year. Our Alumni actively participate in the development of the college. Most of them are engaged in farming, business and service sector. They visit the college at the time of various functions, seminars, workshops, meetings and gathering. The following are the office bearers of the Alumni Association: Mr. Madhukar Bapurao Bhalerao, Chairman Mr. Rajaram Shivaji Baste, Vice-Chairman Mr. Mahesh Ramkrushna Aher, Secretary Mr. Vivek Dashrath Tambe, Joint Secretary Mr. Sachin Panditrao Pingale, Treasurer Mr. Deepak Shamrao Kapdnis, Member Mr. Raosaheb Eknath Shinde, Member The alumni association of the college conducts alumni meet twice or thrice every year in which the members offer their feedback on college activities, curriculum, student support system and progression. The feedback of the alumni is assessed by the Principal and IQAC to identify the gaps and find solutions to bridge these gaps in the delivery of subject knowledge and student progression or placement. Some alumni are specialized in a particular field such as computer hardware networking, choreography, singing, acting, music etc. They render their services by guiding students in these fields. Some alumni are given contracts for maintenance of equipments. The college organizes lectures of successful alumni in various fields such as competitive examinations, research and technology. Students are inspired by the interaction with alumni. On the suggestions of the alumni association, the college has started some skill development programs such as Soft Skills Development Program, Value Added Courses, BVOC Courses and Certificate Course. Every department keeps the record of their alumni. Alumni contribute to the development of the college by providing financial assistance, donating books and equipments, placements to students, organizing workshops or training programs, delivering lectures etc.

5.4.2 – No. of enrolled Alumni:

1079

5.4.3 – Alumni contribution during the year (in Rupees) :

30557

5.4.4 – Meetings/activities organized by Alumni Association :

03

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

### **6.1 – Institutional Vision and Leadership**

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

The college has a well established participative management which has decentralized activities related to teaching-learning, evaluation and administration. There is a proper distribution of work among all functionaries. The participative management involves at three levels. The IQAC has devised a policy for delegation of work which is followed at every level. All the stakeholders are involved in decision making at different levels of administration (1) As per the University Act, the College Development Committee (CDC) has been formed at the highest level that involves following members. (A) The parent management representatives (B) Local members from the field of education, research, industry and social service (C) Principal of the college (D) Faculty members (E) Non teaching staff (F) IQAC coordinator (E) President and Secretary of the College Students Council The works related to academics and administration are delegated to various departments and offices. Principal take decisions related to all the activities in the college in consultation with Registrar, Vice Principals and Heads of various departments. IQAC acts as an Academic Monitoring Committee headed by the Principal. It monitors all academic activities in the college. The Registrar and the Office Superintendent take stock of all administrative activities. Faculty members and other stakeholders have given representation in various academic and administrative committees. (2) At the Department level, the departmental head assigns and delegates work according to the expertise of faculty members and non-teaching staff. Departmental committees are formed for the smooth functioning of the department. For every class, there is a class teacher appointed who works as a mentor to all students of that class. (3) At Student level, they are empowered to play active role as coordinators of various cocurricular, extracurricular activities as well as member in various committees of the college such as IQAC, Student Council, Student Grievance, Sports, Cultural activities committee etc.

6.1.2 – Does the institution have a Management Information System (MIS)?

Yes

### **6.2 – Strategy Development and Deployment**

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

Strategy Type	Details
Admission of Students	Admissions are given strictly on merit basis as per the guidelines laid down by Government of Maharashtra and Savitribai Phule Pune University. Deserving, economically weaker students and physically challenged students are admitted to the courses on a very nominal fee.
Library, ICT and Physical Infrastructure / Instrumentation	The Library Committee has been established for smooth functioning of

the library. Every year library committee plans for the budgetary requirements and approves the discipline wise budget allocation as per requirements. It also approves the developmental proposals of the library subscription of various journals. ICT classrooms have been established with full-fledged infrastructure for every department and are made available for teaching learning activities. Internet facility is provided to students and faculty in their respective departments as well as in Information Centers. The financial support is received from the Parent Institute and utilized for the upgradation of ICT infrastructure. The college has the procurement policy to provide excellent infrastructural facilities for effective teaching and learning. Respective departments submit departmental requirements to IQAC. After the discussion and as per needs IQAC forwards it to the Principal, College Purchase Committee and CDC.

Teaching and Learning

The college has adopted student centric teaching learning methodologies such as problem solving approach, experimental learning, project based and participative learning. College has established two Information Resource Centers for e-resources with full-fledged infrastructure and internet facility- One for Boys with 35 terminals and other for Girls with 50 terminals. College library provides online journals, periodicals and abstracts to teachers as well as students through INFLIBNET connectivity. The students have given exposure through project based learning, guest lectures, seminars, workshops and field visits. Appraising the performance of teachers is done by collecting course wise examination results and feedback from the students. The IQAC periodically monitors and evaluates the quality of teaching and learning.

Curriculum Development

Many of our teachers are Chairman or member of Board of Studies in affiliating University for various subjects. They are involved in design and development activities of University curriculum. Many of the teachers from college are involved in syllabus revision subcommittees as

members appointed by University. The college also organizes workshops on restructuring of syllabus. The college has started self financed courses under B.Voc Scheme and STRIDE scheme of UGC. The curricula of these courses are designed by faculty members of our college which is also approved by University. Various departments organize curriculum related field visits, study tours, industrial visits, workshops, seminars and training programs.

Examination and Evaluation

As Choice Based Credit System (CBCS) has been introduced at UG as well as PG level, the continuous evaluation mechanism is established for all the courses. The continuous evaluation consists of internal tests, tutorials, assignments, projects, on the job training, reviewing and writing research papers etc. The external evaluation by University is in the form of written paper and practical tests. The College has adopted following strategies for effective assessment and evaluation. (1) As per the University regulation, College Examination Officer has been appointed to look after all the exam related activities. (2) The college has installed CCTV Vigilance system in campus to prevent malpractices during examination. (3) The college prepares an Academic Calendar in line with the University Academic Calendar which mentions the schedule of both Internal and External Assessment. (4) Students have the facility to apply for reevaluation of their answer scripts of Semester End Examinations and Annual Examination by paying the prescribed fee. (5) In case of any grievances related to the assessment, students are given full accessibility to the assessed theory papers. (6) Student can also get a photocopy of the assessed answer books after the declaration of the results, if they demands. (7) In order to prevent malpractices during examination, the college has formed Internal Squad Committee.

Research and Development

The college has well established research facilities in all science and social science departments with modern and latest instruments for practical and laboratory experiments. The IQAC

has developed a research policy for motivating teachers and students to engage in research activities like Innovation and Avishkar competition. There is a research cell/committee which takes necessary measures to promote research such as encouraging the faculty members to undertake research projects, publish their findings, register for research degrees etc. The college also provides funding for research projects and to attend conferences, seminars and workshops. Every year students from various departments participate in Avishkar, an Inter-University Research Project Competition. Projects of many students have selected for different levels of the competition. The college has signed MoUs and has collaborations/linkages with industries/organizations/institutions.

Human Resource Management

The parent management Maratha Vidya Prasarak (MVP) Samaj has separate HR management section that looks after the recruitment, development, performance appraisal and rewarding. Recruitment process is followed by MVP in compliance with rules laid down time to time by UGC, Government of Maharashtra and affiliating University. Many inhouse as well as external HR development programmes are arranged for the faculty and non-teaching staff which includes Motivational Talks, Softskills Training, ICT training, Employees Welfare Schemes and Financial Support, Research Skills, Yoga and Stress Management Sessions. Training Programmes on PBAS, CAS are also conducted for all faculty members for Career Advancement. MVP and the College always looks after the Employee Welfare schemes for well beings of all faculty members and non-teaching staff.

Industry Interaction / Collaboration

In order to bridge the gap between theory and practice, industry/ organization interactions have been made on a regular basis. The students from various departments particularly from science and commerce faculty are given opportunities to meet and interact with the industry practitioners. Onsite visits of the students are arranged to understand the process followed in industry. Guest lectures of the industry experts are

regularly arranged for the students. Industry interaction gives the students hands-on experience and exposure to the industry culture. For quality enhancement, the students are given exposure to the industry by arranging regular industrial visits. The final year students of M.Sc. Computer Science as well as B.Voc. programmes have to undergo fulltime industrial/ institutional training for imparting first hand practical knowledge. The college has active Training and Placement Cell that provides placement assistance by conducting campus recruitment drive.

6.2.2 – Implementation of e-governance in areas of operations:

E-governance area	Details
Administration	Notices and circulars are uploaded on the college website and communicated to different departments through email from the college office. College has developed inhouse online and real time data collection system on Google-Suite and every department, committee as well as faculty members uploads related information time to time through this system. The information about day to day lectures and practicals are also uploaded by faculty members through this system which can be reviewed by HoDs and the Principal for administrative purpose. IQAC collects feedbacks from various stakeholders through online mechanism.
Finance and Accounts	Finance and account process is fully automated with the help of tally software and customized ERP. Payroll system of teaching and nonteaching staff is automated and salary is transferred directly to their bank accounts.
Student Admission and Support	Admission procedure is completely online and students can pay fees online through payment gateway. Notices to students are circulated through email and SMS. Scholarship amount received from various funding agencies is transferred to the bank account of students.
Examination	Examination system of UG as well as PG programmes is fully automated by the University that include internal and external marks entries. The preparation of results, mark sheets and result

	analysis is automated at University level.
Planning and Development	The college has complete office automation that include admission, scholarship, establishment, payroll, financial account, library and all other related activities. College Development Committee (CDC) and the Principal performs annual as well as periodic planning based on reports generated by decision support system of college office automation.

### 6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2019	Dr. Aher J S, HoD Chemistry	Nil	Journals and Periodical Subscription	9100
2019	Dr. Savale S D, HoD Sociology	Nil	Journals and Periodical Subscription	12370
2019	Dr. Patil Sunita H, HOD Microbiology	Nil	Journals and Periodical Subscription	14500
2019	Dr. Sonawane M D, HOD Botany	Nil	Journals and Periodical Subscription	23600
2020	Shrimali Shweta V	International Conference on Strengthening Business Comptencies of Sustainable Development at Sangamner college	Nil	1000
2020	Rode Ganesh S	National Seminar on Political Science at Shivaji University Kolhapur	Nil	1000
2019	Borse Sucheta P	BCA Syllabus restructuring workshop at D Y Patil College, Pimpri, Pune	Nil	970



2019	More Kirti Dinkar	MSc(CS) Syllabus restructuring workshop at Indira College, Pune	Nill	970
2019	Patil Hemant	Workshop on Sports at S P Pune University, Pune	Nill	1720
2019	Bhoknal B D	FYBSc Syllabus implementation workshop at Sonai college, Ahmednagar	Nill	840
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6.3.2 – Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2020	Effective ways to develop e-content for teaching-learning	Nill	21/05/2020	30/05/2020	793	Nill
2019	FDP - Application of mathematical software in Teaching and research	Nill	21/06/2019	04/07/2019	42	Nill
2020	Gender sensitization	Nill	28/02/2020	28/12/2020	71	Nill
2019	Nill	Fire and Safety	15/12/2019	15/12/2019	Nill	26
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6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
Short term course Basic Principles of Remote Sensing Technology	3	13/04/2020	25/04/2020	13
Refresher Course in Academic writing and e-content making	1	18/08/2019	31/08/2019	14
Refresher Course in Commerce, Accountancy and Management	1	17/06/2019	29/06/2019	13
FDP on Empowerment through Digital Technology E Learning	6	18/05/2020	30/05/2020	13
FDP on Data Science	6	14/10/2019	19/10/2019	6
FDP on Effective Ways To Develop E-content For Teaching-Learning	10	21/05/2020	30/05/2020	45
Short term course on Vermicomposting	1	11/05/2020	13/05/2020	4
Orientation/induction Programme	2	04/06/2020	01/07/2020	28
Training Programme on MATLAB	1	18/05/2020	22/05/2020	5
Training Programme on SPSS	1	07/05/2020	19/05/2020	13
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
166	247	206	206

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
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Employee Welfare Fund, PF and gratuity, Contributory PF, Accident Benefit Scheme, Health Center, Free medical checkup, Group Mediclaim Policy, Loan from credit societies	Employee Welfare Fund, PF and gratuity, Contributory PF, Accident Benefit Scheme, Health Center, Free medical checkup, Group Mediclaim Policy, Loan from credit societies	Poor Boys Fund, Scholarships from various funding agencies as well as from management and college, Health center, Mediclaim facility with accident benefit scheme, special facilities for physically challenged students
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## 6.4 – Financial Management and Resource Mobilization

6.4.1 – Institution conducts internal and external financial audits regularly (with in 100 words each)

(I) Internal Audit • A panel of Chartered Accountants is appointed by the Management as per the decisions taken in General Body meeting • This panel regularly conducts the audit programmes • At the end of every financial year final audit is conducted • The reports are put before the College Development Committee (CDC) • The college has a preaudit mechanism (II) External Audit • The audit of expenditure incurred under various examinations and grants sanctioned for conducting seminars/conferences/workshops etc. is conducted by the University audit panel. • UGC conducts audit programmes from time to time to audit the expenditure incurred under various grants. • The Senior Auditor of Joint Director, Higher Education, Pune conducts audit programmes as per their schedule.

6.4.2 – Funds / Grants received from management, non-government bodies, individuals, philanthropies during the year(not covered in Criterion III)

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
Blue Cross Laboratories, Mumbai. Help the Blind Foundation, Mumbai. Hindustan Pertroleum.	942000	Scholarship to merit holders and needy students. Scholarship for Visually Challenged Students. Scholarship for Merit holfers.
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6.4.3 – Total corpus fund generated

1572564

## 6.5 – Internal Quality Assurance System

6.5.1 – Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	No	Null	Yes	Principal and IQAC
Administrative	No	Null	Yes	Principal and IQAC

6.5.2 – Activities and support from the Parent – Teacher Association (at least three)

College believes on inputs from all stakeholders for academic and social development of students. Interaction of teachers with parents is regularly come up with different formal as well as informal meetings for overall development

of students. Teachers regularly maintains attendance record of students. If student shows poor attendance then their parents are informed and subsequently meets are arranged with Head of Department. Parents always provide essential support to ensure attendance of their ward. Students who shows poor performance in internal and term end examinations, their parents are informed about the same and meetings are arranged with subject teachers in presence of their ward. Parents always support to improve academic performance of their ward.

6.5.3 – Development programmes for support staff (at least three)

1) Training Programme on College ERP as well as Information Technology are organized for Office Administrative Staff 2) Workshop on Fire and Safety was organized for all Laboratory Assistants and Attendant Staff 3) Orientation programme on Library Automation System was conducted for Library staff

6.5.4 – Post Accreditation initiative(s) (mention at least three)

- Three New B.Voc. Programme initiated : Direct Tax and Indirect Tax, Mass Media, Dramatics
- New PG (Statistics and Computer application) and Ph.D. (Microbiology, Geography) Programme started
- Under Unnat Bharat Abhiyan Five villages are adopted
- New certificate course (Tissue Culture) Initiated
- UGC gave approval to two M.Voc. program (Interior and Printing technology) and two diploma program (Machine Learning, Soil management) and one certificate course in sericulture.
- Set up Institutional Innovation Council (IIC) on 15th October 2018
- Every Year college participated in NIRF ranking
- College participated in Institutional Swachhta Ranking
- College Initiated Academic and Administrative Audit Every year
- College Initiated Green Audit Every year
- Archery court developed
- Badminton court is developed
- Develop obstacle court for NCC students
- Constructed New gymkhana building for Girl students
- Develop Green Gym for students on campus
- Constructed Compound wall for play ground
- Campus is extended for B.Voc. courses
- Well furnished 3 new Computer Lab is established
- Extension of new PG building

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b) Participation in NIRF	Yes
c) ISO certification	No
d) NBA or any other quality audit	Yes

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2020	Workshop : Development of functional skills and behavior"	25/02/2020	25/02/2020	25/02/2020	154
2019	Students Awareness Program on Entrepreneurship and Innovation as Career opportunity	22/08/2019	22/08/2019	22/08/2019	320

2019	Application of Mathematical Software in Teaching and Research	25/06/2019	25/06/2019	04/07/2019	27
2020	Effective ways to develop e-content for teaching-Learning	21/05/2020	21/05/2020	30/05/2020	793
2020	Principal Meet	11/01/2020	11/01/2020	11/01/2020	98
2020	State level Conference : Effects of new media on Society	28/02/2020	28/02/2020	29/02/2020	27
2020	State level Conference :Recent Trends in Printing and Publishing technology	06/03/2020	06/03/2020	06/03/2020	50
2020	Transformative Initiatives in learning and assessment in Higher education	15/03/2020	15/03/2020	15/03/2020	48
2020	Workshop : "Role of IQAC"	03/02/2020	03/02/2020	03/02/2020	163
2020	Workshop : Credit System	07/02/2020	07/02/2020	07/02/2020	73
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## CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

### 7.1 – Institutional Values and Social Responsibilities

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male

Womens Day Celebration	03/08/2019	03/08/2019	43	27
Sexual Awareness Program	03/01/2020	03/01/2020	64	16
Fear Lady campaign	27/12/2019	27/12/2019	101	27
Gender Sensitization workshop	03/01/2020	03/01/2020	91	59

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources

Energy generated from renewable source: The College has installed its own renewable source of energy, solar panel on the main building terrace. The life of solar panel is around 25 years. With the installation of solar panel for electricity generation an average of 235 units are generated per day. It meets around 13 percent of overall electricity consumption of college.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Ramp/Rails	Yes	86
Braille Software/facilities	Yes	31
Rest Rooms	Yes	86
Physical facilities	Yes	86
Scribes for examination	Yes	31
Special skill development for differently abled students	Yes	86
Any other similar facility	Yes	86

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2019	1	Nil	15/06/2019	365	National Ambient Air Quality Monitoring	to monitor criteria air pollutants	9
2019	1	Nil	15/06/2019	365	NCC Naval	To build NCC naval	50

						task force.	
2019	1	Nil	15/06/2019	365	Boat Club activity	To develop boat club activity like boating, canoeing, kayaking and train for disaster management	71

[View File](#)

7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
Ordinance Rules and Regulations	15/06/2019	The rules and regulations stated in the ordinance are followed by the college

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Celebration of 150 th anniversary of Mahatma Gandhi	02/10/2019	02/10/2020	95
World Human rights Day Awareness	10/12/2019	10/12/2019	42
National Youth Day: Swami Vivekananda Jayanti	12/01/2020	12/01/2020	56
Constitutional Day	26/12/2019	26/12/2019	93
Debate On Arrange Marriages And Love Marriages	10/08/2019	10/08/2019	26
Suicide Prevention Day	12/11/2019	12/11/2019	45
Clanliness Activity on the occassion of Mahatma Gandhi Jayanti	02/10/2019	02/10/2019	125
Aids Awareness Program	12/08/2019	12/08/2019	100
Health Awareness Programme	23/01/2020	23/01/2020	22
Environmental	22/12/2019	28/12/2019	150

Awareness /Activity  
at NSS Camp

[View File](#)

7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

1. Cleanliness Drive organised by the college, under NSS. 2. Tree plantation activity. 3. Solid Waste management on campus. 4. Use of renewable source of energy through solar grid panels. 5. E waste management. 6. Reduction in use of paper by utilizing digital communication options like Gsuite, email.

## 7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Best Practice 1: Title of the practice: Education for differently abled students. Objective of practice: To encourage differently abled students to pursue higher education. To provide financial relaxation Context: The families of differently abled students are faced with multiple challenges. One of the major challenges is management of finances and finding a suitable institution for their education. Our college believes in providing equal opportunities for everyone and has laid special emphasis to encourage differently abled students to pursue education. For this, the differently abled students are given admission to the college at a nominal fee of Rs. 10/-. The college also has purchased Dot Mini technology and Jaws software for the visually challenged students. Ramps are built at entrances for ease of mobility. Practice: Every year the college representatives approach different institutions in rural and urban areas for identifying differently abled students. The college encourages these students to take admission for higher studies. The college is in contact with these institutions and explains the financial benefit extended to these students. Our college is the only one in the entire district to provide such financial and academic support and help to empower the differently abled students. Evidence of Success: The success is evident from the increasing number of differently abled students getting admitted to different courses every year. Another parameter of success is the recruitment of these students in different sectors. Many of these students have been recruited in the Banking Sector. To cite a few, Vaibhav Puranik (SBI), Karam Sharma (Bank of Baroda), Vikas Vyavahare (IDBI) are some of the differently abled students who have been successfully placed. Best Practice 2 Title: To develop healthy sports culture on college campus Objective: To develop state of art sports facilities for students pursuing sports. To encourage students for active participation in sports by providing opportunity to all. Context: The college has laid special emphasis on the overall development of students which includes their participation in sports in addition to their academics. Sports activities are influential in developing the overall personality of students, strengthening them mentally and physically. Taking in view the problems faced by today's youth, sport activities can help give vent to their problems and channelize their energy fruitfully. In this context, the college has taken the initiative to encourage majority of students to avail the sports facilities. Practice: A fulltime sports teacher and mentor is appointed in the college. The students are encouraged to participate in different sports and the infrastructure and facilities are provided therein. The college has provided facilities for various indoor and outdoor sports. Sport facilities for Badminton, tennis and archery have been upgraded. Wooden courts specially designed for these purposes have been built. Water sports like Rowing, Kayaking and canoeing are very popular among students. The advantage of the college being situated near the Godavari river bank has been fully utilized. The college has many success stories to quote. The differently abled students are also involved in sports activities like gymnastics, cycling, athletics etc. Evidence of Success: The evidence of success is evident from the large participation and the awards won



by students upto International level. The major achievements worth mentioning is that of Ms. Roshni Murtadak who has been awarded the highest sports honor in Maharashtra State, the Shiv Chattrapati Award for her achievement in fencing. She has also represented the Indian team At the World University Games at Italy. Mr. Ajinkya Wagh won the Silver Medal in Judo at the International Youth Common Wealth Championship. Nine students also represented at the All India InterUniversity Competition winning Silver and bronze medals in different sports. It is worth mentioning the achievement of Sagar Bodke (differently abled student) in this category for mountaineering and trekking. His name is registered in the Guinness Book of World records for trekking the Kalsubai Peak for 21 times. Ms. Jagruti Sunil Shashare, awarded with the highest sports honour in Maharashtra State, the Shiv Chattrapati Award in Rowing. Secondly Mr. Gaurav Trimbak Lambe won silver medal in All India Inter University Archery competition. Thirdly, Ms. Shruti Ambadas Jadhav, also bagged Bronze medal in kabaddi at Maharashtra University Sport Festival. In Addition to this Women Cricket team won at District Level and Boys Hockey Team also won Boys Hockey Team at district level.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

<http://www.kthmcollege.ac.in/images/department/download-20212108140336.pdf>

### 7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

A remarkable growth in many aspects of the institution has made the administration of the college intricate. The strength of the students and the faculty has been increased significantly. New programs and courses are being introduced. The academic and administrative activities are getting complex. The large number of curricular, cocurricular and extension activities are organised by the college. Many studies reveal that the integration of technology helps to reduce the intricacy and enhance the overall administration of higher education along with effective delivery of academics. In this respect, the college has developed in house full fledged Academic and Administrative Information System using Google API Scripts (GAS). This system is unique of its sort. It is developed to record, organize, communicate, link and manage all these activities to different sections and units of the college and stakeholders. The salient features of this system are i) The system provides unlimited number of institutional accounts with email ids. Every institutional account has unlimited storage space on cloud. This allows Students and Teachers to store all sorts of study material and econtent in organised way. The storage includes lecture notes, presentations, documents, videos and software database files which are dynamically updated in real time. ii) The system is inclusive of Learning Management System (LMS). Teachers create their classrooms, share course materials in different forms and conduct tests using this LMS. iii) All Academic and Administrative activities are updated regularly by Faculty Members, Departments, Committees, Administrative and Technical Staff. These include records of daily Teaching Activities, Research and Publications, Curricular, Co Curricular and Extension Activities. iv) The system is dynamic. The real time data is collected. It is reflected in all modules simultaneously. Various types of user end and departmental reports are generated dynamically in real time. Administrators can keep track of all these records. v) The Faculty Profile and Departmental Profile are generated based on various data submitted by respective users. This facilitates auto generation of Academic Performance Indicator (API) of teaching faculty members. The report of Academic and Administrative Audit (AAA) is generated in Department wise and Institution as a whole. This in turn helps IQAC to monitor progress of the institution in

various aspects. vi) The system is inhouse developed using Google API Scripts (GAS). This reduces dependency on outside experts and thus becomes easy to manage and maintain. vii) Accessibility is another feature of the system. It can be accessed anywhere and on majority of platforms. The system is online and dedicated Android Application is developed for accessibility on smartphones. The IQAC has observed positive influence on the administration and connectivity between different sections of the college organization. This system is empowered with the innovations. It has indirect benefits as well, like digitization of the work, saving of time, reduction in the use of papers and in turn controlling the environmental degradation, enhancing the connectivity and communication and so on.

Provide the weblink of the institution

<http://www.kthmcollege.ac.in/images/department/download-20212108141655.pdf>

### **8.Future Plans of Actions for Next Academic Year**

- Facilitating Academia/ Industry collaboration
- Fostering Patenting operations
- Strengthening of virtual teaching and learning process
- Nurturing of inter and multi disciplinary teaching and research
- Launching of job oriented vocational progammes as per local needs
- Campus network between university and colleges
- Strengthening instrumentation facilities
- Intensifying consultancy activities
- Sustenance in power consumption through Solar Power production
- Apply for various scheme through different funding agencies