

# **Yearly Status Report - 2018-2019**

Part A		
Data of the Institution		
1. Name of the Institution	KTSP MANDALS KMC COLLEGE KHOPOLI	
Name of the head of the Institution	Dr Mahesh B. Khanvilkar	
Designation	Principal(in-charge)	
Does the Institution function from own campus	Yes	
Phone no/Alternate Phone no.	02192263304	
Mobile no.	9423093488	
Registered Email	college_kmc@yahoo.co.in	
Alternate Email	iqackmc@gmail.com	
Address	Off Old Mumbai Pune Road	
City/Town	Khopoli	
State/UT	Maharashtra	
Pincode	410203	
2. Institutional Status	•	

Affiliated / Constituent	Affiliated
Annated / Constituent	AIIIIateu
Type of Institution	Co-education
Location	Rural
Financial Status	state
Name of the IQAC co-ordinator/Director	Dr Deepak S Gaikwad
Phone no/Alternate Phone no.	02192263304
Mobile no.	7738386490
Registered Email	iqackmc@gmail.com
Alternate Email	deepacgd@gmail.com
3. Website Address	
Web-link of the AQAR: (Previous Academic Year)	http://www.kmccollege.in/img/agar17- 18.pdf
4. Whether Academic Calendar prepared during the year	Yes
if yes,whether it is uploaded in the institutional website: Weblink:	http://www.kmccollege.in/img/calender/2 018-19.jpg

# 5. Accrediation Details

Cycle	Grade	CGPA	Year of	Vali	dity
			Accrediation	Period From	Period To
1	В	73.25	2004	03-May-2004	02-May-2009
2	В	2.48	2011	27-Mar-2011	26-Mar-2016

# 6. Date of Establishment of IQAC 19-Jun-2004

# 7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture			
Item /Title of the quality initiative by IQAC Date & Duration Number of participants/ beneficiarie			
Regular meetings of IQAC	10-Jan-2019 01	15	

Regular meetings of IQAC	10-Jul-2018 01	15
Psychology students visit to Mental Retardation School	23-Mar-2019 01	21
Arrange activity related to Swaccha Bharat Abhiyan	19-Oct-2018 01	95
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# 8. Provide the list of funds by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Departmen t/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
K.M.C.College Teachers	Minor Research	Mumbai University	2019 365	35000
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9. Whether composition of IQAC as per latest NAAC guidelines:	Yes
Upload latest notification of formation of IQAC	<u>View File</u>
10. Number of IQAC meetings held during the year :	2
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	<u>View File</u>
11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	No

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

• Organized programmes to enhance power of togetherness in teachers • Conducted academic audit through a team of external experts • Organized Inter Collegiate Youth Festival for North zone 7 of University of Mumbai • Organized an event on occasion of birth centenary of P. L. Despande, G.D. Madgulkar and Sudhir Phadake

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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	Achivements/Outcomes	
1. To encourage staff members to apply for Research Projects of various funding agencies	Various Faculty Members have applied for Minor Research Projects of Mumbai University	
2. To promote teachers for research and to increase the number of Ph.D. holders.	Teachers awarded Ph.D degree.	
3. To encourage the teachers to present the research papers in various national and international conferences	_	
and international conferences papers  View File		

# 14. Whether AQAR was placed before statutory body ?

Yes

body ?	
Name of Statutory Body  NAAC Steering Committee	Meeting Date 17-Feb-2020
15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	No
16. Whether institutional data submitted to AISHE:	Yes
Year of Submission	2016
Date of Submission	30-Sep-2016
17. Does the Institution have Management Information System ?	Yes
If yes, give a brief descripiton and a list of modules currently operational (maximum 500 words)	Similar to last academic year, Management Information System has been used in practice to store student data such as Personal data, Fee, Exam records and library details. Internal Test marks are stored in the form of soft copy by each department separately and also given to college examination committee. Student's performance is analyzed using these soft copies. It

reduces the time required to find out Advance learners and slow learners. It also helps in analysing students as paying/nonpaying, having various

scholarships, admission status for all class, cast wise statistical report, library status details etc. Apart from this it gives exact status of number of

admitted students and vacant seats of each class.

#### 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 curriculum Aspects encompass the action plan at four levels. Curriculum Planning and Implementation , Academic Flexibility, Curriculum Enrichment and Feedback system. K.M.C. College, Khopoli is affiliated to University of Mumbai. The academic work is undertaken with a view to accomplish the mission of the college 'Tej, Gati and Shakti.'The college has qualified and efficient teaching faculty. The college has the mechanism for well planned curriculum delivery and documentation. Being an affiliated college, the faculty members do not have a direct role to play in curriculum design and modification, instead the prescribed syllabus of university is followed. University of Mumbai through the Board of Studies frame curriculum. Board of Studies organizes subject wise workshops. Concerned teachers attend workshops. Teaching staff checks the syllabus on university website To convey the revised curriculum to the teaching staff, the college conducts department- wise meetings. The Head of the Departments allocate course content to be taught by the respective teachers and prepare the time table accordingly . The institution has developed a highly effective action plan and has been developing it for several years. The master time-table is prepared and the copy is available with the Principal . The departmental and subject-wise time-table is prepared and displayed in the respective departments.. Every teacher prepares the academic calendar, semester wise teaching plan and monthly teaching report. Departments held regular meetings for planning and syllabus review. Departments maintain syllabus completion periodical report and extra period register. The Principal calls staff and heads of departments meeting frequently . Periodic internal tests and tutorials are conducted for improving students' performance. The syllabus is completed as per the teaching plan. Slow learners and advanced learners are identified and remedial coaching is provided to weaker students. Advanced learners are advised reading lists and websites to enhance their learning and scope for better scoring .College has mentor and mentee scheme.The institution arranges educational programmes such as lectures by educationists, eminent scholars , scientists for teaching faculties and students to create and maintain its academic atmosphere. Institution uses E-learning resources and software. For E-content development college prepare Google group for creation and transfer of knowledge. The institution has a career cell which arranges campus interviews for the final year students. Institution provides necessary audio-visual aids such as OHP and LCD for effective learning experiences. .Orientations and workshops are organized for faculty members to collaborate spirituality. Internet facility is available in various departments. The college provides internet facility in the library to students. Our College has well equipped laboratories for science. Principal conducts regular meetings with IQAC committee for interaction and review. Periodical visits to industrial units, botanical gardens , historical places and to other related areas are arranged to substitute classroom learning. College introduced some certificate and skill development courses to lead the students on the path of success and prosperity. At the end of the three years, the students will be equipped with a certificate along with a conventional degree . The courses offered are innerdisciplinary nature.

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

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entreprene urship	Skill Development
Certificate course in Manure and Bottle Garden	NIL	05/02/2019	15	Manure and bottle garden	Skill of bottle gardening .

#### 1.2 - Academic Flexibility

1.2.1 - New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
No Data Entered/Not Applicable !!!		

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	T.Y.B.A.	18/06/2018
BCom	T.Y.B.Com.	18/06/2018
BSc	T.Y.BSc.	18/06/2018
MSc	Chemistry Part II	18/06/2018

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

	Certificate	Diploma Course
Number of Students	164	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		
No Data Entered/Not Applicable !!!				
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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
BA	History	20
BA	Geography	16
BSc	Botany	31
BSc	S.Y.B.Sc. Chemistry	75
BSc	T.Y.B.Sc. Chemistry	41
BSc	B.Sc. Computer Science	5
MSc	M.Sc. Computer Science	1
MSc	Internship, Computer	13

Science	
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#### 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

There is a formal mechanism to obtain feedback from students and parents. It is also obtained from alumni, teachers and employers through feedback forms and informal means such as personal meetings, interactions, training programmes and campus interview. Collection of feedback : Well designed and structured questionnaires have been prepared by the IQAC of our college with questions on various quality aspects and variable of curriculum such as scope of the syllabus in commensurate with the level, quality content of the syllabus, relevance to the knowledge, relevance to the skill, appropriateness to contemporary issues of the course, capacity to challenge the diversified abilities and potentials of learners, clarity of syllabus, unitization and definiteness of syllabus, social and practical relevance, overall rating of syllabus, areas of improvements in syllabus along with opinions and responses of students about curriculum. Such questionnaires are executed to students , parents, alumini on sample basis for each and every programme course curriculum. If any important suggestion is made it is communicated to the University and used for curricular enrichment, introducing changes and designing new programmes. During campus interview and training programmes feedback is obtained from the professionals about the curriculum. The different areas where improvements are required are discussed in respective committeesdepartments. The analysis of the feedback put on in Local Managing Committee of the college. Feedback is also taken from teachers. Teachers of various colleges get an opportunity to interact and discuss issues related to curriculum at workshops seminars. Analysis of feedback: After having collected ,the feedback is analyzed by head of departments . The interpretations then formulated in suggestion/comment form in nature for further processing. Mechanism of communication of outcome on analysis to University of Mumbai.: After having analyzed the feed-backs , the report is made by concern head of the department and submitted to coordinator of IQAC. He collects all feed-backs and submits to the Principal for communication to the University authority. It send to the Board of Studies and the syllabus framing committee. The members of the Board of Studies and Syllabus framing committee give these feedbacks at the university level which is considered while revising syllabus. Analyzed feedback keep in the meeting of local managing committee and it utilized for overall development of the institution. The outcome of feedback by students and stakeholders are used for enrichment of teaching, learning and making the teaching deliveries ,internally at the college more comfortable , fruitful and relevant to the objective of the curriculum. Suggestions given by stakeholders are also taken into consideration for introducing changes in the systems in academic. Faculty members of college are appointed as chairperson, paper setters, moderators and examiners for the University examination from whom University gets feedback about the syllabus design.

#### **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
BA	Marathi, Economics, Psychology, History, Geography.	1200	582	580
BCom	Regular	1200	1052	1024
BSc	Chemistry, Physics	360	299	293
BSc	Computer Science	216	100	98
MCom	Advanced Accountancy	160	99	99
MSc	Inorganic Chemistry	20	25	20
MSc	Organic Chemistry	20	23	21
MSc	Computer Science	40	36	33
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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	institution	Number of teachers teaching both UG and PG courses
			courses	courses	
2018	1995	173	38	4	12

#### 2.3 - Teaching - Learning Process

2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), Elearning 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	Numberof smart classrooms	E-resources and techniques used
54	54	144	2	2	5

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 college has run Mentor-Mentee scheme as an institutional practice. This scheme is started for the guidance and support to the students through proper communication and trust. Each Mentor is assigned around 40 to 50

mentees under this scheme. The mentor collects duly filled up forms from their mentees to obtain academic, social, economic and physical background. Four meetings under the scheme are arranged during the academic year. The scheme aims to encourage the mentees to share their views, problems, difficulties related to their studies, infrastructure, classroom facilities, library facilities, office administration, sports facilities etc during the meetings with mentors. The mentor prepares a report on each meeting and views shared by mentees. The report is submitted to the Chairman of IQAC. All the reports are analysed by the IQAC and corrective measures are taken accordingly. The Mentor -Mentee Scheme includes the following: • Provision of need based courses and training programmes • Feedback on curricular activities • Feedback on teaching learning activities • Feedback on infrastructural facilities • Implementation of innovative teaching-learning methods • Promotion of students research activities • Arrangements of field visits • Provision of ICT facilities • Provision of library facility • Campus cleanliness • Carrier counselling • Personal counselling • Students participation in extracurricular activities Following are the outcomes attained through Mentor-Mentee Scheme during the year: 2018-19: ? Improved academic results at college and university level? Ongoing 11 short term courses? Strengthened feedback mechanism of the institution? Personal counselling conducted for students? Arranged ICT lectures? Guest lecturers were organised for the students on preparation for competitive examinations, career in C.A, M.BA, ? Students were encouraged to participate extracurricular activities like NSS, NCC, sports and cultural programmes? E-content development activity through Google classrooms? Field visits / Industrial visits undertaken? Students participated in various social activities? Attainment of program outcomes, program specific outcomes and course outcomes? Arrangement of extra lectures? Students participated in inter collegiate paper presentation? Optimum use of Departmental libraries and computers with internet facility in each departments? Active participation of students in departmental extension activities? Arranged essay writing, poetry competition, speech competition etc.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
2168	54	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
60	54	6	2	13

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
2018	Dr. D. P. Gaikwad	Assistant Professor	University Representative For CAS at D.G.Takare College, Mangoan.
2018	Dr. D. P. Gaikwad	Assistant Professor	Subject Expert for CAS at Arts College, Sawarde, Chiplun
2018	Dr. D. P. Gaikwad	Assistant Professor	Appointed as Hon'ble Vice Chancellor Nominee for History Subject
2018	Dr. D. P. Gaikwad	Assistant Professor	Subject Expert for CAS at Shantaram Gholap Arts, Sci, Commerce College, shivale.

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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
BA	A0131	Semester 1	05/12/2018	02/01/2019
BA	A0132	Semester 2	13/05/2019	06/06/2019
BA	A0133	Semester 3	12/11/2018	02/01/2019
BA	A0134	Semester 4	04/05/2019	29/05/2019
BA	A00135	Semester 5	19/11/2018	21/02/2019
BA	A00136	Semester 6	15/04/2019	12/07/2019
BCom	C0141	Semester 1	07/12/2018	02/06/2019
BCom	C0142	Semester 2	13/05/2019	06/06/2019
BCom	C0143	Semester 3	20/11/2018	02/01/2019
BCom	C0144	Semester 4	03/05/2019	29/05/2019
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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

Institution has taken initiatives for continuous Internal Evaluation (CIE) of the students by adopting various approaches such as: Class Attendance, Classroom interaction, Question answer sessions, Home assignments, Unit Tests, Class Tests, Tutorials, Viva- Voce foe special subjects, Class room seminars, Presentations, Field Visits, Field Projects, Surveys, participation in curricular, co-curricular and extracurricular activities, Quiz competition etc. For the purpose of continuous internal evaluation, following reforms were undertaken by the institution: 1) Conducted preliminary examination and practical examinations 2) Assigned various field project under foundation course 3) Assigned various research projects for undergraduate and post graduate students 4) Arranged Students Classroom seminars 5) Organised Quiz Competitions 6) Arranged Essay writing, Elocution to evaluate writing and presentation skills of the students 7) Arranged Surprise tests 8) Allotted home assignments 9) undertaken industrial visits 10) Arranged various activities during annual programmes of the college for the students for skill enhancements like Rangoli Competition, Role play etc. 11) Arranged post graduate students seminar on their research projects. 12) students participated in short term courses

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

Institutes has prepare academic calendar and strictly adhered for the purpose of conduct of the examinations and other related activities. ? The institute prepared academic calendar for next academic year by the end of April every year ? It is a detailed plan of all academic, co-curricular and extracurricular activities of the institute ? Academic calendar consist of schedule of admission, date of opening of college, dates of vacation, college timing, semester end examination, holidays, working hours of office and library, study tours, annual sports, NSS, NCC, schedule of cultural programmes, youth festival, celebration of special days, and other related academic, curricular

and extracurricular activities. ? The academic calendar is published in the college prospectus and made available on college website for the kind information of students and stakeholders. ? The academic calendar is communicated in advance to the departments for the purpose of effective execution of the pre planned activities during the year. ? The institution has well defined mechanism to conduct various activities as per academic calendar ? Internal Examinations are conducted as per academic calendar and university examinations are conducted as per university schedule. ? The college declares examination results as per academic calendar.

#### 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://kmccollege.in/img/C2/2.3.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	
2C00524	MCom	Advanced Accounting	27	25	92.59%	
USCS601	BSc	Computer Science	23	11	47.82%	
USPH601	BSc	Physics	5	1	20.00%	
s00136	BSc	Chemistry	73	54	73.90%	
C00136	BCom	Regular	226	155	68.58%	
UAGR402	BA	Geography	16	13	81.25%	
UAHIS601	BA	History	29	15	51.72%	
UAPS606	BA	Psychology	22	12	54.54%	
EC0601	BA	Economics	21	14	66.67%	
UAMAR-A606	BA	Marathi	18	17	94.44%	
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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://kmccollege.in/img/C2/2.8.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
Any Other (Specify)	365	UGC Travel Grant	0.94	0.94
Projects sponsored by the University	365	University of Mumbai	0.25	0.12

	Projects sponsored by the University	365	University of Mumbai	0.35	0.16
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#### 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
No Data Entered/Not Applicable		111

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		
Best Oral Presentation	Amol Nagargoje	Yashvantrao Chavan Institute of Science	18/02/2019	Oral presentation		
Best Presentation Award	Uttam Gadhe	Mahatma Phule A.S.C. College, Panvel	19/01/2019	Paper Presentation		
Dr. Shanti Swaroop Bgatnagar	Amol Nagargoje	S.M. Joshi College Hadapsar, Pune. And Dahiwadi college Dahiwadi, MS, India	18/12/2018	Oral Presentation		
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3.2.3 - No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name Sponsered By		Name of the Start-up	Nature of Start- up	Date of Commencement		
No Data Entered/Not Applicable !!!							
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#### 3.3 - Research Publications and Awards

3.3.1 - Incentive to the teachers who receive recognition/awards

State	National	International
00	00	1

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

Name of the Department	Number of PhD's Awarded
00	Nill

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

Туре	Department	Number of Publication	Average Impact Factor (if any)
National	Economics	1	6.23
National	Commerce	1	00

National	Physical Education	1	00	
International	Physics	3	2.62	
International	Commerce	3	5.99	
International	Physical Education	2	6.26	
International	Chemistry	4	3.04	
International	Botany	1	00	
International	Political Science	1	00	
International	Geography	1	6.23	
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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	
Physical Education	1	
Marathi	1	
Library	2	
History	1	
Commerce	1	
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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
Synthesis and evaluation of pyrazol e-incorpor ated monoc arbonyl curcumin analogues as antopro liferative and antoox ident agents	Amol A Nagargoje, Satish V Akolkar	Journal of the Chinese Chemical Society	2019	2	KMC College, Khopoli	2
New N-Ph enylacetam ide-incorp orated 1,2,3- troazoles: [Et3NH]	Satish V Akolkar, Amol A Nagargoje	RSC Advances	2019	4	KMC College, Khopoli	4

[OAC]- mediated efficient synthesis and biological evaluation						
Spray pyrolyzed Ni incorpo rated cobalt oxide thin film electrode and their electroche mical study	R C Ambare, B J Lokhande,	Journal of Material Science: Material in Electro nics	2018	2	KMC College, Khopoli	2
Acetalde hyde sensing properties using ultrafine CuO nano particles	P Patil, U T Nakate, Y T Nakate, R C Ambare	Material Science in Semiconduc tor Processing	2019	5	KMC College, Khopoli	5
Room Tem perature LPG sensing properties using spray pyrolysis deposited nanocrstal line CdO think films	U T Nakate, P Patil, B Ghule, Y T Nakate, S Ekar, R C Ambare, R S Mane	Surfaces and Interfaces	2019	2	KMC College, Khopoli	2

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
Room Tem perature LPG sensing properties using spray pyrolysis deposited	U T Nakate, P Patil, B Ghule, Y T Nakate, S Ekar, R C Ambare, R S Mane	Surfaces and Interfaces	2019	7	2	KMC College, Khopoli

nanocrstal line CdO think films						
Acetalde hyde sensing properties using ultrafine CuO nano particles	P Patil, U T Nakate, Y T Nakate, R C Ambare	Material Science in Semiconduc tor Processing	2019	7	5	KMC College, Khopoli
Spray pyrolyzed Ni incorpo rated cobalt oxide thin film electrode and their electroche mical study	R C Ambare, B J Lokhande,	Journal of Material Science: Material in Electro nics	2018	7	2	KMC College, Khopoli
New N-Ph enylacetam ide-incorp orated 1,2,3- troazoles: [Et3NH] [OAC]- mediated efficient synthesis and biological evaluation	Satish V Akolkar, Amol A Nagargoje	RSC Advances	2019	2	4	KMC College, Khopoli
Synthesis and evaluation of pyrazol e-incorpor ated monoc arbonyl curcumin analogues as antopro liferative and antoox ident agents	Amol A Nagargoje, Satish V Akolkar	Journal of the Chinese Chemical Society	2019	2	2	KMC College, Khopoli
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3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National	State	Local
Attended/Semi nars/Workshops	1	2	Nill	4
Presented papers	5	9	Nill	Nill
Resource persons	Nill	Nill	Nill	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		
Blood Donation Camp	HDFC Bank, Khopoli	5	21		
AIDS awareness guest lecture	KMC College, Khopoli	4	67		
Voter Day Awareness Rally	Tahsil Office, Khlapur	8	82		
Red dot Project	Innerwheel Club	8	60		
Pulse Polio immunisation	Dr.Babasaheb Ambedkar Hospital, Khopoli Muncipal Council	1	35		
International Yoga day	Dept. of Physical Education	2	83		
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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	
Drill Competition	Gold Medal	Ek Bharat Shreshtha Bharat, Aurangabad	5	
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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/Agen cy/collaborating agency	Name of the activity	Number of teachers participated in such activites	Number of students participated in such activites
Gender issue	5 Maharashtra Girls Bn NCC3	Rally and Road Show on Women Equality	4	45
AIDS Awareness	Dr.Babasaheb Ambedkar Hospital,	AIDS Awareness Rally	5	58

	Khopoli Muncipal Corporation				
AIDS Awareness	Dr.Babasaheb Ambedkar Hospital, Khopoli Muncipal Corporation	HIV Test	1	54	
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#### 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	
Project	1	Panvel Muncipal Corporation	365	
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3.5.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

and the second s					
Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
Full Time	Internship	Thorat Technologies Pvt.LtdCompa ny,Kalyan.	02/02/2019	02/04/2019	2
Full Time	Internship	India Steel Works Ltd, Company ,Khopoli.	05/02/2019	05/04/2019	5
Full Time	Internship	Venus Wire IndustiesPvt .Ltd Company	31/01/2019	30/03/2019	1
Full Time	Internship	Parle Biscuites Pvt Ltd.	17/01/2019	15/04/2019	2
<u>View File</u>					

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
Yak Education Trust	27/07/2018	Roller Skating activity and other tournaments	Nill
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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
2500000	1867794

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 with ICT facilities	Existing		
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added		
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added		
Classrooms with Wi-Fi OR LAN	Existing		
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#### 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 patially)	Version	Year of automation
SLIM21	Partially	3.5	2009

#### 4.2.2 - Library Services

Library Service Type	Exis	ting	Newly Added		Total	
Text Books	38892	4612995	939	213727	39831	4826722
Reference Books	4268	1892412	Nill	Nill	4268	1892412
Journals	18	22230	11	11030	29	33260
Digital Database	1	5900	1	5900	2	11800
CD & Video	67	21745	Nill	Nill	67	21745
Library Automation	1	168850	Nill	Nill	1	168850
<u>View File</u>						

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 Date of launching e-
--

		is developed	content	
Prof. Sangeeta Menon	Robotics	http://www.thecn.com/2896790	25/08/2018	
Prof. Sangeeta Menon	Robotics II	https://www.thecn .com/2428138	02/02/2019	
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## 4.3 - IT Infrastructure

# 4.3.1 - Technology Upgradation (overall)

Туре	Total Co mputers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departme nts	Available Bandwidt h (MBPS/ GBPS)	Others
Existin g	117	3	2	1	1	1	9	4	6
Added	0	0	0	0	0	0	0	0	0
Total	117	3	2	1	1	1	9	4	6

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

4 MBPS/ GBPS

#### 4.3.3 – Facility for e-content

4.5.5 — I admity for e-content	
Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
Introduction to Advance Robotics	
	https://www.youtube.com/watch?v=Xeo-lCZ
	40 c&list=PLBLXODScR91kZPZIkzqAjjxDjVsc
	ODh45&index=3
Man Danier TV dan T danier da	
MSc Paper IV Sem I Computer Sci	https://www.coutube.com/wetabou=7677mcGd
	https://www.youtube.com/watch?v=7SVnvSG
	<u>U38I</u>
Introduction to Sensors MSc Paper IV	
Sem I Computer Sci	https://www.youtube.com/watch?v=jy1PZEJ
	<u>n3pM&amp;t=11s</u>
MSc Paper IV Sem I Computer Sci	
ind raper it som i compader ser	https://www.youtube.com/watch?v=WC2pgwY
	OdF0
MSc Paper IV Sem I Computer Sci	
	https://www.youtube.com/watch?v=RqiAtoG
	<u>tx1g</u>
MSc Paper IV Sem I Computer Sci	
	https://www.youtube.com/watch?v=64twK3r
	<u>Uw7g&amp;t=39s</u>
Direct and Inverse Kinematics	
	https://www.youtube.com/watch?v=ZnXkrBj
	vhYs&list=PLBLXODScR91kZPZIkzqAjjxDjVsc
	ODh45&index=5
Marking Languign and a Comp. C	
Machine learning using CNN for	https://www.woutubo.com/coataboo.04500001
computer vision	https://www.youtube.com/watch?v=8iDCECk
	OR3c&list=PLBLXQDScR9lkZPZIkzqAjjxDjVsc
	ODh45&index=6

Machine learning Introduction	
	https://www.youtube.com/watch?v=arECKss 4IeU&list=PLBLXQDScR9lkZPZIkzqAjjxDjVsc ODh45&index=7
Machine learning in robotics	
	https://www.youtube.com/watch?v=zE06xZ8 FBQA&list=PLBLXQDScR9lkZPZIkzqAjjxDjVsc ODh45&index=9

#### 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 incurredon maintenance of physical facilites
4050000	3853697	2500000	2191641

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 college has following procedures and policies for maintenance and utilizing Physical, Academic and support facilities-laboratory, Library, Sport Complex, Computer, Classrooms etc • The Governing Institution of the College Khalapur Taluka Shikshan Prasarak Mandal's, Khalapur has appointed consultant, Auditor and Supervisors for maintenance and expansion of physical facilities of KMC College, Khopoli. • The College has Building and maintenance committee, purchase committee, campus beautification committee, IT Infrastructure maintenance committee etc. • The institution has a permanent manager to take care of all the construction work, be it add on constructions or maintaining the existing ones. The buildings are maintained for their up-keep and repairs on a regular basis. The house keeping team regularly maintains the buildings, corridors and other places clean and tidy. The wash rooms are maintained by a team on a regular basis to maintain their usability. • Books are issued to all students for home lending for the period of seven days. Circulation of Books is done by using ILMS SLIM 21. • The Library provides WebOPAC facility to students by which students and staff can access library catalogue. The WebOPAC helps the readers in knowing about New Arrivals, List of Journals and Magazines subscribed and about its latest issue received, List of Reference Books etc. • The Services provided by the Library includes Books Lending Service, Reference Service, Referral Service, Internet Facility, Multimedia Facility, Newspaper Service, Current Awareness service etc. • Maintenance of computers LAN, internet connectivity, printers, copiers, Xerox Machines, UPS, Invertors, air conditioners, Generators and other electrical equipments is carried out whenever required by external resources. • Minor maintenance of IT infrastructure like, installation of operating system, Network Services, Internet Services, Hardware Services are carried out by IT Lab Assistants and Teaching Staff. • Mechanical assistance is made available for refilling of tonners, cartridges, electrification, plumbing, water tank cleaning, sanitation, etc. in time whenever required. • The LMC members, Alumni and management of the college support in maintenance and upkeep of physical facilities by providing technical support and financial assistance. • Being a multifaculty college, considerable number of Equipments/Instruments, Computer labs, Science Laboratories, Research Laboratories, Language Lab, Central Library, Examination Section and various departments are available and maintenance through frequent calibration and standard operation procedures. • In Botany Department Bottle gardening is a syllabus oriented technique

harnessed to educate the incumbent students to enlighten the bad effect of environmental degradation. • DST-FIST Research Laboratory sophisticated instruments like UV and IR Spectro-Photometer, Rotary Evaporator are maintained on AMC forms the suppliers company. • Students are encouraged to participate in extra and co-curricular activities and sport activities and their participation in Institutional and National and International competitions. • Main Circuit Breaker, residual Current circuit breakers, Moulded Cases Circuit breakers at prominent power supply unites on the Campus and Laboratories are placed to prevent damages caused by voltage fluctuation. • The college has separate pipeline of Khopoli Municipal Corporation for constant supply of drinking water. Besides this The College has its own bore-well and water tank.

http://www.kmccollege.in/img/C2/4.4.22.pdf

#### 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	00	0	0	
Financial Support from Other Sources				
a) National	00	Nill	0	
b)International	00	Nill	0	
<u>View File</u>				

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
Guidance for competitive examination	05/01/2019	308	Faculty of Department of History Prof . N.M. Taru Phone:9657575344 Email: nagoraotaru@ gmail.com Department of Economics Prof S.R. Dyare Phone:- 8788392955 Department Of Commerce Rajmudra Academy, Kharghar Department of Chemistry Prof A. A. Nagarg
Career counseling	16/01/2019	426	Faculty of Department of History Prof. D.P.Gaikwad Email: dayanandgaikwad32@g mail.com Department of Computer Science

			NetTechIndia Thane Department of Economics Prof S.R. Dyare Phone:- 8788392955 Department Of Botany Department Of Commerce C.A
Remedial coaching	28/01/2019	245	Department of Economics Prof S.R.  Dyare Phone:- 8788392955 Department Of Botany Department Of Psychology Phone: 8805838964 Email: sudam_bhise@ yahoo.co.in Department Of Sociology Dr. V.K.Magar Department of Chemistry Dr.M.B.Khanvilkar Department
Yoga Meditation	21/06/2018	138	Faculty of Department of History Prof . N.M. Taru Phone:9657575344 Email: nagoraotaru@ gmail.com Department of Chemistry Gagangiri Yoga Prakshishan Sanstha,Khopoli Department of Physics Gagangiri Yoga Prakshishan Sanstha,Khopoli Department of Geo
Personal counseling	03/03/2019	92	Faculty of Department of History Prof. D.P.Gaikwad Email: dayanandgaikwad32@g mail.com Department of Computer Science Department of Economics Prof B.D. Bansode Department Of Botany Department Of Commerce Dr. Dilip Bhangade, Satish Pradhan College

			-		
Soft skill development	15/01/2019	107	Department of Chemistry Dr. A.B.Patil Department of Physics Dr. D.S. Gaikwad Phone No:7738386490 Department of Geography Pro R.D.Patil 8390723250		
Language Lab	15/09/2018	33	Faculty of Department of English Department of Geography Pro R.D.Patil 8390723250		
Bridge Course	08/08/2018	31	Department Of Sociology Dr. V.K.Magar Department of Geography Pro R.D.Patil		
<u>View File</u>					

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 passedin the comp. exam	Number of studentsp placed
2018	Competitive Examination	308	Nill	Nill	Nill
2019	Career Counseling	Nill	409	Nill	Nill
<u>View File</u>					

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
Nill	Nill	Nill

## 5.2 - Student Progression

5.2.1 - Details of campus placement during the year

	On campus			Off campus	
Nameof organizations visited	Number of students participated	Number of stduents placed	Nameof organizations visited	Number of students participated	Number of stduents placed
Conneqt Bu	270	Nill	Nill	Nill	Nill

sin,CMS,Cent					
um Accuro					
Global					
Solution Pvt					
Ltd (Thane),					
Solution					
Ltd,Flipkart					
Pvt Ltd					
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### 5.2.2 – Student progression to higher education in percentage during the year

				institution joined	programme admitted to
2018	24	T.Y.B.Com.	Commerce	K.M.C.Coll ege,Khopoli	M.Com.
2018	6	T.Y.B.Sc.	Mathematics	University of Mumbai	M.Sc.Maths
2018	13	T.Y.B.Sc.	Comp.Sci	K.M.C.Coll ege,Khopoli	M.Sc.Comp. Sci.
2018	3	T.Y.B.Sc.	Physics	University of Mumbai, Pune University, Amity University	M.Sc. Phy.
2018	4	T.Y.B.A	Psychology	Garawal College Pune, University of Mumbai, Pendharkar college, Dombivali	M.A.
2018	2	T.Y.B.A	Marathi	S.N.D.T. College Pune	M.A.
2018	3	T.Y.B.A	Economics	Adarsh College Badlapur, RKT College, Ambarnath	M.A.
2018	20	T.Y.B.Sc.	Chemistry File	K.M.C.Coll ege,Khopoli	M.Sc. Chemistry

# 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	Nill	
Viev	v File	

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

Activity	Level	Number of Participants		
Running	Institution	110		
Throwing	Institution	67		
Walking	Institution	14		
Indoor Games	Institution	87		
Outdoor Games (Team )	Institution	564		
Cultural	Institution	165		
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#### 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
2018	CROSS COUNTRY - Participat ion	National	1	Nill	1183	Rai Ajeet Akhlesh
<u>View File</u>						

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

As there is no guideline from the University of Mumbai about the formation of Student council, but for the smooth functioning our college decided to continue with format so that it can give representation to the students in the policy making for good governance of the college to execute this idea we appoint team leaders as a Class representative for every class, one Ladies Representative , one Cultural Representative (Male and Female), one Sport Representative (Male and Female ), N. S. S. Department Representative (Male and Female ) and one NCC Representative. Class Representatives are toppers in previous class, regular, active having good character with good leadership qualities. CR represents respective class and presents their views about the curricular and co curricular activities. CR acts as single contact point for the class. Ladies Representative has knowledge of problems faced by girl students and she brings such issues in notice of the college administration. Cultural, Sports, NSS and NCC representatives are recommended by the respective faculty members to take various responsibilities assigned by the faculties. Year: 2018-19 SR. No Class / Department Name 1 FY BSc Kahulkar Sneha 2 FY BCom Agiwale Vaibhav B. 3 FYBA Sauleha Bedekar 4 SY BSc Patil Vrushali 5 SY BCom Deshmukh Aditya S. 6 SYBA Kehkasha I. Khan 7 TY BSc Adiverekar Vaidehi 8 TY BCom Kumar Vinitkumar Ashok 9 TYBA Akshay Shinde 10 MSc Akshay Harne 11 MCom Shirke Pranali U. 12 Cultural a) Rushikesh Pingale b) Puja Patil 13 Sports a) Mr. Rai Ajeet Aklesh b) Miss Khandke Rutuja Sanjay 14 NSS a) Mr. Akshay Chavan b) Miss. Dhanashri Tandel 15 NCC Miss Ankita Cheulkar 16 LR Sayli Jagtap

#### 5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

Total 38 members were form an alumni association. Among them 22 were boys and 16 were girls. Ms. Sheetal dhandhrut as voted and elected as a university representative of faculty of science. Members helps in engaging Blood donation

camp. Lecture on health awareness was taken in the college with involvement of alumni association. The alumni association, in this way, mirrors the positive efforts undertaken by the institute to enhance the quality at external as well as internal level. All members helps in arrangement in Youth Festival organized by college . Members helped in various activities in 'Avishkar'. Some of the alumni, who are presently working in the significant positions, are invited by their concerned Departments for the Guest lectures. The present students are motivated by their guidance. They guide the students on Interview Skills, Effective use of English and resolve their queries. They take initiative and support to conduct Annual sports, zonal and Interzonal tournaments, Alumni and Parents meet etc. Our Alumni appreciate healthy practices of college in society. They are contributing immensely for the development of the college through their guidance and support. The alumni who are having administrative positions at the state level are associated with the college in organizing community camps and other extension activities. Annual Alumni Meetings bring a rich interaction between old and younger generations, which also upholds our cherished customs and traditions. It also deliberates upon the role of the alumni in positive interaction with the society through participation of young students under the guidance of senior teachers. The Alumni Association has majorly contributed the College through institution of awards, development / creation of certain facilities, curricular support through occasional interactions with the students within the campus.

#### 5.4.2 - No. of enrolled Alumni:

35

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

0

#### 5.4.4 – Meetings/activities organized by Alumni Association :

First Meeting Date: 10 August 2018. Time: 4 PM. Venue: Room no.45, old building. Agenda of Meeting: i) Regarding cleanliness in college campus. Clean and neat atmosphere enhanced learning of students. ii) The Prime Minister Shri.Narendra Modi has planned Swachata Abhiyan. Alumni have taken small initiative towards it. Second Meeting Date:8th January 2019. Time:10AM Venue: Room no.45,old building. Agenda of meeting: i)To plan to conduct seminar on aids awareness among students and ultimately in society. ii) Suggestions of Dr.Wankhede for talk as she is working in Dr. Babasaheb Ambedkar Hospital at Khopoli since last 25 years. Programme followed with selection of food items for the programme.

#### 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)

Cultural Activity The Cultural Committee of the institution motivated and prepared students for various competitions and our college students participated in 51th Intercollegiate Youth Festival of Mumbai University which was held at our college, K.M.C. college, Khopoli, on 10 August 2018. Students were awarded Rank positions in these competitions. Cultural Committee organized Cultural Festival Kalavishkar at College in January 2019 and students were motivated to participate in various competitions like Quiz, Essay elocution, Dance, Singing, Theater events, Rangoli, Mehandi, Spot Painting, Cartooning, Best from Waste, Flower arrangement, Nail Art to enhance their skills and ability. All these activities and achievements were successfully executed under the guidance of Cultural Committee Chairman and the continuous efforts of all

the members of Cultural Committee. Through Kalavishkar Festival college gives the student a platform and opportunity to perform and enhance their skills and abilities in the field of fine-arts. Examination Process Examination for three year degree courses for the year 2018-19 were conducted by the college on behalf of the University of Mumbai for F.Y., S.Y. and T.Y. classes. The question papers were set by the University of Mumbai and were sent to the college through online DEPDS System one hour before the commencement of examination. The question papers for F.Y., S.Y. and T.Y. were downloaded and printed and distributed to the students for examination. T.Y. Answer sheets were sent back to the university for further assessment. For F.Y. and S.Y. classes the assessment were done at the college CAP center. The results of F.Y. and S.Y. were prepared and displayed by the college according to the rules and ordinances given by the University of Mumbai.

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

**Partial** 

#### 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
Curriculum Development	College follows the University prescribed syllabus and strives hard to impart the knowledge, develop overall personality and leads students towards growth to cope up with the current trends of Industries. The University designs curriculum according to the guidelines of UGC and other ordinances. The college promotes the lecturers for attending various Workshops, National and International Seminars, Conferences and Research paper presentation at various levels. The institution conducts various Guest Lectures Short Term and Certificate Courses for students. Some Faculties of our institution are the members at Board of Studies and thus they participates in Curriculum Design and Development.
Teaching and Learning	For effective teaching, Use of inline Assessment, ICT is implemented in Teaching. College organizes Guest Lectures and Workshops to provide students more knowledge about the Subject topic. Unit wise tests are conducted. Computer Departments conducts Moodle Online exam for Internal exams. Students are categorized as Slow, Medium and Advanced learners. To improve learners ability extra lectures and home assignments are given. Advanced learners are motivated for seminars and innovative ideas. Industrial Visits, You Tube Lectures, e-content Development, Google class are

	introduced to bring advancement in learning capability of the students.  The institution has well-equipped laboratories for various departments.
Examination and Evaluation	The college Exam Committee handles Examination and Evaluation of the various courses/programs offered by the Institution. The Exam committee handles University exams conducted by the college on behalf of the University. The Exam committee follows the circular given by the University of Mumbai and plan is developed to carry out the exam work according to the rules and regulations of University. For University Exam secrecy is maintained throughout the examination process. The assessment and result evaluation is done without any unfair means. The confidentiality regarding the Exam and Result is maintained under the protocol of University of Mumbai.
Research and Development	The Institution encourages teachers for active participation in Minor and Major Projects of University/UGC/CSIR etc. To encourage students and faculties for research based work, college celebrates Science Day and students are motivated for the innovative ideas, model presentations, poster presentations and projects on current trends and technologies in various fields of Science. Lectures are arranged to motivate the students and teachers for Research work. Grants received from funding Agencies, Financial supporting Agencies. The institution renders the facility for attending Seminars, Workshops, Research paper presentation due to this the faculties and students get new ideas to work for the Research work.
Library, ICT and Physical Infrastructure / Instrumentation	The library has a vast collection of Text Books, Reference Books, Competitive Examination Books, periodicals are subscribed and markets its products and services on Facebook page. Periodically feedback from students for improvement. On Library Notice board Job related notices are displayed. Every year College conducts Library Orientation Programme for newly admitted students. Books Lending Service, Book Bank Service, Newspaper clipping service, Table of Content (TOC) alert service etc. Students are guided to search books on WebOPAC and

	staff members are trained about using INFLIBNET N-LIST database. Library department organizes Readers Inspiration Day every year in which reputed speakers are invited.
Human Resource Management	For effectiveness and efficiency in the college administration Faculty members of our institution delivers various lectures and are given responsibilities at various programs for the betterment of college administration and culture. The institution appoints senior faculty members as Mentor, Judge for evaluation. For admissions in various streams, faculty visits other colleges for making promotions of the courses and programs that are available at college for new admissions. The computer department has UBICOM program under which technical events takes place for which the judges are appointed from college itself for various competitions.
Industry Interaction / Collaboration	The collaboration of graduate students with industry is done that brings new challenges for student to work hard and achieve their set goals. For this, various Industrial visits are organized at various departments to make students aware about the culture of industries and to enhance the skills and become professional, for working in the industry. Campus Interviews are arranged for students and various organizations of IT industry and other Industries are invited for interview sessions. Various Industries has given recruitments to our students in reputed organizations. College invites various Top-managers, executives, entrepreneurs from industry for providing Problem-Based Learning to students.
Admission of Students	Admission of students are done on the basis of first and second merit list and according to the Circulars, Norms and Reservation policy issued by the Govt. of Maharashtra and University of Mumbai.

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

E-governace area	Details
Planning and Development	Implemented the process of displaying Online Notices to all the Stakeholders and college Teaching and Non-Teaching staff through college website.

Administration	NIL	
Finance and Accounts	Microsys (Principal9) Mr. Martand Sawant, At- Vengurla, Mobi- 9422077511	
Student Admission and Support	Microsys (Principal9) Mr. Martand Sawant, At- Vengurla, Mobi- 9422077511	
Examination	Microsys (Result9) Mr. Martand Sawant, At- Vengurla, Mobi- 9422077511	

#### 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
2018	Dr.S.P. Panchgalle	Participated in one day Workshop on Revised Syllabus for T.Y.BSc. Chemistry (Sem- V Sem-VI) held on 26 July 2018	Sheth J.N. Paliwala Commerce, Science And Arts College Pali-Sudhagad. Raigad	400
<u>View File</u>				

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)
2018	Software Training Program arranged by Microsys company	Software Training Program arranged by Microsys company	10/08/2018	10/08/2018	10	11
<u>View File</u>						

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
Refresher Course	1	20/08/2018	08/09/2018	21
Refresher	1	04/01/2019	24/01/2019	21

Course			
	<u>View</u>	<u>v File</u>	

#### 6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
29	54	23	21

#### 6.3.5 - Welfare schemes for

Teaching	Non-teaching	Students
<ul> <li>Group Insurance</li> <li>Provident Fund</li> <li>Society</li> <li>Duty Leave for Research and for Conferences,</li> <li>Workshops and Seminars</li> </ul>	• Group Insurance • Provident Fund • Society	• Scholarships • Group Insurance

#### 6.4 - Financial Management and Resource Mobilization

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

Internal Audit: The institution has a mechanism for regular internal audit. The institution has internal audit mechanism where internal audit is an ongoing activity in addition to external auditor to verify and certify the entries of Income and Expenditure and Capital Expenditure each year. The institution has also conducted annual audit through Chartered Accountant in the month of May as per Govt. rule. External Audit by Govt.: The institution also conducts External Audit through government agencies - Accounts General (AG) and Accounts Officer, Higher Education, Government of Maharashtra.

# 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	
Prof. AS Kore The Kalyan Janata Sahakari Bank Ltd Fly High Academy CBD Belapur Society for Library Professionals, New Delhi (SLP)	35000	Workshop Workshop Cultural Activities Travel Grant	
<u>View File</u>			

#### 6.4.3 - Total corpus fund generated

35000

#### 6.5 - Internal Quality Assurance System

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

Audit Type	External		Inte	rnal
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	Y N Mahajan Principal, Seth J N Paliwala College Pali	Yes	In-charge Principal and IQAC Coordinator
Administrative	Yes	Y N Mahajan Principal, Seth	Yes	In-charge Principal and

	J N Paliwala	IQAC
	College Pali	Coordinator

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

The institution organizes Parent-Teacher meeting to inform the parent about the academic performance and attendance. The institution invites parents for Annual day program to give an idea about the excellence of their wards in academics and fine arts. Parents are encouraged to associate themselves with the development and social activities of the college. For T.Y.B.Com, Economics subject, Parent of college student donated Amount for First prize that was given to the student of T.Y.B.Com.

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

Orientation and meetings are conducted to inform about the policies, Office administration software training, Health checkup programs. Development programmes are conducted to inform about the facilities available for support staff To develop the Work culture and Team building college organizes various

Lectures of Industrial experts.

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

1. Improved Gymkhana and canteen facilities 2. Parent-Teachers Association has been established and regular meeting are arranged every academic year. 3. Teachers are motivated to opt for research activities there by to Increase in the number of UGC/University Funded Research Projects. 4. Initiative is taken to maintain college campus clean 5. To ease inter-departmental interactions, all departments are now re-located in the same campus.

#### 6.5.5 - Internal Quality Assurance System Details

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

#### 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
2018	Yoga Meditation	26/06/2018	26/06/2018	26/06/2018	138
2018	Bridge Course	08/08/2018	08/08/2018	08/08/2018	31
2018	Hosted Inter Collegiate Youth Festival	10/08/2018	10/08/2018	10/08/2018	700
2018	Activity related to Swaccha Bharat Abhiyan	19/10/2018	19/10/2018	19/10/2018	240
2019	Psychology students visited to	23/03/2019	23/03/2019	23/03/2019	35

	Mental Retardation School				
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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
Red dot project, Speaker: Mrs. Raj Nahar, Ex- President inner wheel, Khopoli.	26/07/2018	26/07/2018	60	Nill
NCC girls got gold medal in drill competition	09/11/2018	09/11/2018	5	Nill
Role of woman in society, Lecture by Mrs. Aarti Naik	03/01/2019	03/01/2019	40	22
Gender equality essay and proverb completion	09/01/2019	09/01/2019	35	34
Rally and road show on women equality	10/04/2019	10/04/2019	45	40

#### 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

NIL

#### 7.1.3 - Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	No	Nill
Provision for lift	No	Nill
Ramp/Rails	Yes	1
Braille Software/facilities	No	Nill
Rest Rooms	No	Nill
Scribes for examination	Yes	1
Special skill development for differently abled	No	Nill

students		
Any other similar facility	No	Nill

## 7.1.4 - Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadva ntages	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
2018	1	1	24/08/2 018	1	collect ion of Algae and Bryophyte s from Khopoli area	Botanical study	30
2018	1	1	12/12/2 018	1 File	Herbarium preperati on of locally available plants	Botanical study	32

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

Title	Date of publication	Follow up(max 100 words)
Code of conduct for teachers	01/07/2018	Code of conduct prescribed by the parent institutions like UGC and University is provided to teacher and students. Accordingly all the appointment and subsequent transaction is executed. According to code of conduct College makes service agreement of permanent and temporary staff and fixes their seniority as per UGC norms. Seniority is maintained through prescribed procedure like Career Advancement Scheme (CAS) which is academic progress based stage wise advancement of the faculty. Teacher's responsibility is
		expressed through proficient interactive

		teaching session.  Academic, socio- interpersonal association with student and their guardians is maintained during the academic progress of the student.
Code of conduct for students	01/07/2018	Display of Core values of the college Tej Gati Shakti is available to the students. These values are displayed on the walls of the college and website. Human values and ethics are parts of foundation course for all three-faculty students. Civic duties, moral values are taught during the course study. Interactive teaching helps students to absorb these values efficiently. Project work on these human values are assigned to the group of students to that they could come together and complete required data for the given project discusses and enhance their understanding regarding the human rights and values.

## 7.1.6 - Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants		
"Vachan prerana din"	15/10/2018	15/10/2018	35		
Savitrimai Phule Birth Anniversary	03/01/2019	03/01/2019	73		
Chhatrapati Shivaji Maharaj Jayanti	19/02/2019	19/02/2019	75		
Donated Rs. 6500 by commerce students to CRPF 'Brave hearts' involved in Pulwama attack.	04/03/2019	04/03/2019	11		
Dr. Bababsaheb Ambedkar Jayanti	14/04/2019	14/04/2019	60		
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7.1.7 - Initiatives taken by the institution to make the campus eco-friendly (at least five)

1) Electric consumption is a major issue. There is need to optimize electric consumption, almost all traditionally used lighting bulbs, and tubes are replaced with LED bulbs. 2) Effort is put in to reduce use of lighting maximum ventilation and windows are made to the laboratory and rooms. 3) Appropriate instructions and captions viz 'Switch off lights when not in use', 'Save electricity' are stick to places. 4) Water saving is aimed through instructions and labels. 5) Students are educated on plastic bag ban and use of paper and cloth bags instead. 6) Small bottle pot plants are hung to make environment more natural.

#### 7.2 - Best Practices

#### 7.2.1 – Describe at least two institutional best practices

Best practice is a unique feature of the college. It involves students, faculty and society. The interpersonal flow of information and knowledge is key to the practice. Following two best practices are employed by our college. One is a college level practice titled, 'Internet Banking' and second is department level practice 'EduEx i.e. Education to Execution'. Our selected students those are trained in the subject of internet banking carry out first practice periodically. The internet banking is the need of hour as we are ushering in the age of Digital India. Second best practice is meant to unlock and disseminate esoteric knowledge from the syllabus. Academic syllabus contains lot of concepts and issues that could be useful for common public of the society. Such concepts from the different syllabus are culled eclectically, streamlined, resolved into simple terminologies possible into vernacular, and taught to the selected students. The students learn these significant concepts from their syllabus and put it into simpler form before the laity. This effort on the part of college faculty is to rescue socially significant aspects from the complexities of the syllabus and make available to the commoners. Otherwise, many potentially important aspects that are available in the syllabus remain only to the concerned students to study merely for academics and number of marks. BEST PRACTICE NO 1 Title of the practice: Internet Banking Objective: 1. To make women aware about net banking. 2. Especially we selected rural area to show their life to our college students. 3. Student should know their problem and to help them to overcome these problems. 4. To make these women able to pay online bill of electricity, dish TV, to recharge mobile etc. 5. To encourage community affinity amongst college students. The Context: 1. Downloading of the app. 2. Registration process. 3. Use of application like online payment cash transfer mobile recharge to check passbook status etc. 4. Account security. 5. In the age of globalization, digital transaction becomes relevant. The Practice: Faculty and students of K.M.C. College organized a net banking program at 'Jambhulpada' village near Pali students presented a power point presentation on net banking related things to the group of women like (i) How to download the app of particular bank where they have their accounts, (ii) Registration process and documents regarding that, (iii) How to use different application like checking account balance, bill payment, recharge, online transaction etc. After the presentation, students and faculty tried to solve the queries of women related to net banking and registration. The said presentation was done in Marathi language to ease understanding of the process women interacted amicably with the staff and student. Evidence of success: The women those were having smart phone while presentation downloaded the app and tried to use net banking. Some of the participants executed the given protocol and were satisfied. They were informed about the probable frauds during careless transaction. Problems Encountered: 1. Travelling was troublesome due to improper condition of road. 2. Bringing all the women together for the program in that area. 3. Load shedding due to rural area. 4. Problem rose regarding understanding of technical language by those women. BEST PRACTICE NO Title of the practice: EduEx (Education to Execution) Objectives: College and

classrooms imparts education and knowledge to the incumbent students based on the syllabus. Students try to grasp and regurgitate the same during examinations seeking maximum marks out of it. This is the rote learning pervading the educational systems. Mostly the education acquired by the students hardly transformed into knowledge and further its empirical application remains an unrealized dream. The knowledge locked in esoteric terminology of the syllabus could be simplified and given to the general masses to make them understand some aspects related to common day-to-day life. Commoners have some common misconceptions, misunderstandings or unresolved conceptions that tend to influence their day-to-day life. For instance, how life originated on the earth? Is there supernatural power governing the world? Who is the governor of universe? Where does life go after death? How heart beats? How child is procreated? Are plants alive? Such strings of queries out of curiosity may nag ones mind. Not all people get pertinent answers to their queries. Non-availability of proper mentoring may ensue in misinterpretation and misunderstanding among commoners. The context: Propagation of knowledge from class to commoners is need of hour. The unutilized instinctive community beneficial potential of students could be pressed into knowledge philanthropy. Students will be sensitized to the pervading ignorance of family members, neighbours and could contribute towards dispelling of common misconceptions of the people. This will help to promote informal teaching ability of a student. Students can become a harbinger of dissemination of knowledge for society at micro level. It has been observed that common people are afflicted with very common misconceptions, and students can eradicate this prevailing ignorance and misconceptions. The practice: (i) Teacher teaches the prescribed syllabus to students. (ii) During teaching teacher pick up important appealing strategic points from the syllabus and compile it. (iii) Enlisting of the compiled informative aspects and piece of information. (iv) Organization and elaboration of the every compiled aspects. (v) Simplification and translation of the piece of information derived from the different syllabus based subjects. (vi) Thus, modified translated and understandable templates are handed over to the wellinformed students. (vii) The student with assigned informative knowledge would reach out to the people residing around them. (viii) The student proposes the designed topic to the targeted people and explains the assigned topic to the people. Evidence of success of this practice are: 1. There is very common belief that, this world, living and non-living is created by some supernatural non-human existence commonly termed as Almighty or God. Laymen are holding this belief since time immemorial. In College, students learn that life biomolecules originate spontaneously through natural interactions between available inorganic materials then available on the earth. Students prove it through Miller and Urey experimentation. A rationalistic scientific view could debunk older beliefs. 2. Sex determination is another problematic belief persisting among commoners. A noxious mischievous concept is deeply rooted amongst public that Son is more powerful sibling among daughters. The consequences of this misconception are coercing many madcap to beget Male child instead of girl child. Conservative elders in family and newer generation people also insist for Male baby. Women are generally blamed for not procreating Male baby. This misconception could be dealt with by explaining the biological reasoning for the process. The student who has learned the mechanisms of sex determination in class expounds this issue. Year 2018-2019 01 Botany Probiotics Bacteria are good and bad. Good bacteria are essential for the normal health of a person. This normal microflora of body could be maintained through proper natural diet. This simple natural concept was elaborated by the students to their society. 02 Psychology Social loafing Ducking of the responsibility in team work do not lead to success. Sharing of job responsibility is must for a fruitful team work. Students explained the concept to community. 03 Geography Compost making Awareness invigorating the national 'Swacchata Abhiyan' helped to accelerate the campaign for clean India. By utilizing waste from homes. 05 English

Information under Right to information act 2005 The topic selected by the department is important for common public. Students helped people around them to understand basics of RTI. Concept of the act and use told by the students. 06 Chemistry Food adulteration Poisonous addition of artificial ingredients is afflicting consumables for extracting profit. It is hazardous to public health affecting short-term and long term health of public. Basics of adulteration given to public that was locked in the esoteric syllabus. Students unlocked the topic and make people aware of the menace of adulteration. 07 Commerce E-Commerce and Inflation Market places visited by our college commerce students to expound E-Commerce and Inflation. Problems encountered and resources required: This has yielded positive outcomes. Informal dialogue between student and their community members brought good change in the belief of people. People astonish to learn the concept and with new zeal accept the science based approach to their queries. Some people are hard to believe the newer ideas since it might hurt their age-old beliefs, especially concept concerning to theism. Conflicting situations sometimes arise because of indigestible newer ideas.

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

http://kmccollege.in/img/bp.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

1) College is situated in the arms of hills of Sahyadri where Adivasi and Backward class people nestle. Adivasi communities like Katkari and Thakur are abundant. The children of these castes and communities are illiterate since many years. KMC College has been a boon for these less fortunate people to acquire education. The faculty, to ease the understanding of syllabus to the incumbent students adopts bilingual teaching. 2) College has been an agency of education and employment to the local people. Many students from the surrounding area after acquiring proper academic eligibility has been absorbed in the employment of college as teaching and non-teaching staff. As a result, about 80 of the staff of the college recruited from the pass out students of the college. Thus, college became a institution of education and employment for the people around the area. 3) College though being from the rural area endowed with highly qualified faculties. About 80 teaching staff of our college is Ph.D. degree holders. And some are enrolled for Ph.D. degree. These higher academic degrees empowered our faculties to teach students with enhanced efficacies. 4) Higher education percentage is more even though students are from rural area. Students after completion of their degrees pursue higher education in humanities and science. Many students from our college opted for overseas education. 5) College has exclusive NCC training facility for girls only. It is the strength of college that in the rural areas of Khopoli girls are being trained and made eligible to enter in the field of army and police. NCC besides having employability it is also mentally and physically empowering the women of society. NCC cadets simultaneously undergo additional training of Kung-fu Karate technique. Our head of NCC department Prof. Sheetal Gaikwad is a renowned Trainer in this area.

Provide the weblink of the institution

http://kmccollege.in/img/id.pdf

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

• Preparing for NAAC 3rd cycle. • Organize CAS programme for eligible staff members. • To encourage the teaching staff to apply for various funding agencies

so as develop research attitude in teachers and students. • Motivate faculty members to pursue Ph. D degree and increase the number of articles in peer reviewed Journals. • To organize workshops/Seminars/Training for the students and staff.