

The Annual Quality Assurance Report (AQAR) of the IQAC

Part – A

1. Details of the Institution

1.1 Name of the Institution

Kopargaon Taluka Education
Society, Kopargaon.

1.2 Address Line 1

Mohanirajnagar,

Address Line 2

Kopargaon.

City/Town

Kopargaon, District- Ahmednagar

State

Maharashtra

Pin Code

423601

Institution e-mail address

kjcollege@rediffmail.com

Contact Nos.

02423 222254

Name of the Head of the Institution:

Dr. B. S. Yadav

Tel. No. with STD Code:

02423 222254

Mobile:

+91 9423181155

Name of the IQAC Co-ordinator:

Dr. B. B. Bhosale

Mobile:

+91 9767049090, +91 9422069090

IQAC e-mail address:

iqac.kjcollege@gmail.com

1.3 NAAC Track ID

12098-K.J.Somaiya College, Kopargaon

1.4 NAAC Executive Committee No. & Date:

EC/56/RAR/09 dated September 16, 2011

1.5 Website address:

www.kjcollege.com

Web-link of the AQAR:

http://kjcollege.com/IQAC/AQAR2015-16.doc

1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 st Cycle	B	--	2004	2004-09
2	2 nd Cycle	A	3.11	2011	2011-16
3	3 rd Cycle	--	--	--	--
4	4 th Cycle	--	--	--	--

1.7 Date of Establishment of IQAC:

30/12/2004

1.8 AQAR for the year

2015-16

1.9 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC

- i. AQAR 2011-12 submitted to NAAC on 30/12/2012
- ii. AQAR2012-13 submitted to NAAC on 26/10/2013
- iii. AQAR2013-14 submitted to NAAC on 30/09/2014
- iv. AQAR2014-15 submitted to NAAC on 30/09/2015

1.10 Institutional Status

University State Central Deemed Private

Affiliated College Yes No

Constituent College Yes No

Autonomous college of UGC Yes No

Regulatory Agency approved Institution Yes No

Type of Institution Co-education Men Women

Urban Rural Tribal

Financial Status Grant-in-aid UGC 2(f) UGC 12B

Grant-in-aid + Self Financing Totally Self-financing

1.11 Type of Faculty/Programme

Arts Science Commerce Law PEI (Phys Edu)

TEI (Edu) Engineering Health Science Management

Others (Specify)

1. Computer Science
2. Computer Applications

1.12 Name of the Affiliating University (*for the Colleges*)

Savitribai Phule Pune University, Pune.

1.13 Special status conferred by Central/ State Government-- UGC/~~CSIR~~/DST/~~DBT~~/ICMR etc

Autonomy by State/Central Govt. / University No

University with Potential for Excellence No

UGC-CPE No

DST Star Scheme No

UGC-CE No

UGC-Special Assistance Programme No

DST-FIST Yes

UGC-Innovative PG programmes No

Any other (*Specify*) No

UGC-COP Programmes No

2. IQAC Composition and Activities

	02: IQAC Chairman & Co-ordinator								
2.1 No. of Teachers	07								
2.2 No. of Administrative/Technical staff	02								
2.3 No. of students	01								
2.4 No. of Management representatives	02								
2.5 No. of Alumni	02								
2.6 No. of any other stakeholder and Community representatives	02								
2.7 No. of Employers/ Industrialists	01								
2.8 No. of other External Experts	01								
2.9 Total No. of members	20								
2.10 No. of IQAC meetings held	04								
2.11 No. of meetings with various stakeholders:	No.	12	Faculty	04					
	Non-Teaching Staff	04	Students						
	Alumni	02	Others	04 (Parents)					
2.12 Has IQAC received any funding from UGC during the year?	Yes		<input type="checkbox"/>						
	No		<input checked="" type="checkbox"/>						
If yes, mention the amount	----								
2.13 Seminars and Conferences (only quality related)									
(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the IQAC									
Total Nos.	01	International	---	National	01	State	---	Institution Level	---
(ii) Themes	“Academic and Administrative Audit for Improvement in Institutional Quality”								
2.14 Significant Activities and contributions made by IQAC:									
▪	Considering the quality improvement in the institution, IQAC conducted a national conference on ‘Role of IQAC: Academic and Administrative Audit for improvement in Institutional Quality’. The conference received tremendous response from the Principals and IQAC Coordinators from all over Maharashtra. In this conference a special issue of								

‘*Sanshodan Samiksha*’, a monthly Peer Reviewed International Research Journal was published which contained 38 full length papers.

- Student Feedback on Teachers was conducted at the end of semester/ terms, analysis was done by IQAC and it was given in AQAR.
- IQAC motivated all teachers to publish research papers in reputed Journals with ISSN, as a result **74** papers were published in National and International Journals. In order to conduct Academic Audit, a Core Committee, comprising the Principal, IQAC Coordinator and Management Representative of ISO were constituted. The academic audit was held from in first week of October 2015.
- **04-** National conference and **03-** State Level Conference were organized. It was possible because of the encouragement given to the Departments.

2.15 Plan of Action by IQAC/Outcome

The plan of action chalked out by the IQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year *

Plan of Action	Achievements
The college has proposed to start a few additional research centers.	The Government of Maharashtra and S. P. Pune University sanctioned and gave permission to the Ph. D. Research Centre in Hindi.
The college has proposed to construct a state-of-the-art Main-Gate.	The college is in process of constructing a state-of-the-art Main-Gate.
The institution proposes Landscaping (plantation) in the college premises.	The process of Landscaping is in progress and very soon it will be completed.
The establishment of solar energy for electricity purpose in Science and Technology Building.	The solar energy unit for electricity has already been established in college.
The college has proposed to conduct ‘The Energy Audit’ in the next academic year.	The energy Audit has been taken place and it resulted in saving our electricity at bigger scale.
The college has proposed “One day workshop on Skill of Drafting” for non-teaching staff of the college with collaboration of English department in the next academic year.	One day workshop on ‘Skill of Drafting’ for non-teaching staff of the college with collaboration of English department had taken place and the response was good.
The Department of Computer Applications proposes ‘One day workshop on Cyber security and Information Technology Act for the police persons in the district’.	The Department of Computer Application had organized National Level Interdisciplinary Conference on ‘Social Media & Cyber Crime’ on 17 th January 2016.

The college intends to increase the number of organization and participation in conferences, seminars and workshops.	The number of organization and participation in conferences, seminars and workshops has been increased.
The college proposes to increase participation of students in sports & cultural activities.	The participation in sports activities of students has tremendously increased and many of our students played at State and National level in base ball & Yoga.

** Academic Calendar of the year 2015-16 is provided in Annexure –I.*

2.15 Whether the AQAR was placed in statutory body Yes No
 Management Syndicate Any other body

Provide the details of the action taken

- The IQAC motivate all teachers to apply for Major and Minor Research Projects.
- A direction has been given to all departments to apply for conferences/symposia.
- IQAC also directed to all the departments to start career oriented and need based courses, as a result 9 new courses are started in the college.

Part – B**Criterion – I****1. Curricular Aspects**

1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
Ph.D.	00	01	--	--
PG	09	--	--	--
UG	19	--	--	--
PG Diploma	--	--	--	--
Advanced Diploma	--	--	--	--
Diploma	--	--	--	--
Certificate	11	10	21	21
Others	--	--	--	--
Total	39	11	21	21
Interdisciplinary	17	10	21	21
Innovative	17	11	21	21

1.2 (i) Flexibility of the Curriculum: CBCS /Core/Elective option / Open options:

Savitribai Phule Pune University, Pune frames and designs syllabi for all U.G. and P.G. Classes and the same syllabi is taught in the college. For all P.G. courses the syllabus is of CBCS where at U.G. level some courses are core papers and some papers are offered at optional level.

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	17
Trimester	Nil
Annual	08 (B.A & B.Com)

1.3 Feedback from stakeholders* Alumni Parents Employers Students
(On all aspects)

Mode of feedback : Online Manual Co-operating schools (for PEI)

**An analysis of the feedback is provided in Annexure- II*

1.4 Whether there is any revision/update of regulation or syllabi, if yes, mention their salient aspects.

No revised syllabus by S. P. Pune University in this academic year. The college also revised and introduced **10** career oriented self funded certificate courses. The syllabus fulfils the requirements of UG & PG students.

1.5 Any new Department/Centre introduced during the year. If yes, give details. Yes

Department of Hindi introduced Ph. D. Research Centre.

Criterion – II**2. Teaching, Learning and Evaluation**

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
34	24	09		01 (Principal)

2.2 No. of permanent faculty with Ph.D.

23

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year

Asst. Professors		Associate Professors		Professors		Others		Total	
R	V	R	V	R	V	R	V	R	V
00	05	---	---	---	---	00	---	00	05

2.4 No. of Guest and Visiting faculty and Temporary faculty

00

00

43

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	11	86	45
Presented papers	08	59	18
Resource Persons	02	04	07

2.6 Innovative processes adopted by the institution in Teaching and Learning:

'EyeRIS IntelliSpace' software for ICT, ICT Hall with Broad Band internet connectivity, Wi-Fi Campus, Separate Computer Labs for B.C.A., M.C.S., B.Sc. Comp. and M. Sc. Physics, Screening of the films based on text.

2.7 Total No. of actual teaching days during this academic year

185

2.8 Examination/ Evaluation Reforms initiated by the Institution (for example: Open Book Examination, Bar Coding, Double Valuation, Photocopy, Online Multiple Choice Questions)

Double Valuation, Photocopy

2.9 No. of faculty members involved in curriculum Restructuring /revision/ syllabus development as member of Board of Study/Faculty/Curriculum Development workshop

01

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02

2.10 Average percentage of attendance of students

84.50%

2.11 Course/Programme wise distribution of pass percentage:

Title of the Programme	Total no. of students appeared	Division			
		Distinction	I Class	II Second	Result
T.Y.B.A.	82	08.54%	31.71%	23.17%	56.26%
T.Y.B.Com.	89	2.25%	37.08%	21.35%	60.67%
T.Y.B.Sc. Physics	21	71.43%	19.05%	----	90.47%
T.Y.B.Sc. Chemistry	35	54.29%	20.00%	----	74.29%
T.Y.B.Sc. Maths	09	37.75%	25.00%	12.50%	66.66%
T.Y.B.Sc. Botany	11	18.18%	09.09%	----	57.27%
T.Y.B.Sc. Zoology	07	----	14.28%	----	54.28%
T.Y.B.Sc. Comp Sci.	30	10.00%	23.33%	----	53.33%
T.Y.B.C.A.	42	09.52%	19.05%	26.19%	54.76%
M.A.(II) Hindi	17	05.88%	52.84%	41.18%	100%
M.A. (II) English	09	----	22.22%	33.33%	55.55%
M.A. (II) Politics	30	46.67%	44.33%	10.00%	100%
M.A. (II) History	27	48.15%	40.74%	03.04%	92.59%
M.A. (II) Economics	09	----	----	55.55%	55.55%
M.Com. (II)	39	18.42%	57.59%	15.79%	92.10%
M.Sc. (II) Physics	23	13.04%	65.22%	21.80%	100%
M.Sc. (II) Chemistry	21	----	42.58%	52.65%	92.10%
M.C.A. III	08	12.50%	50.002%	12.50%	75.00%

2.12 How does IQAC Contribute/Monitor/Evaluate the Teaching & Learning processes:

- The IQAC recommends the yearly planning of tests, tutorials and Internal Examinations every year at the beginning of the year which results into the best performance of our students in university examinations.
- The Internal Examinations answer books are evaluated and the results are communicated to the students for their improvement.
- IQAC promotes and motivates the teachers to go for ICT based teaching.
- IQAC recommends class seminars, group discussions and paper presentations in the class by the students. This resulted into the overall performance of the students in general and better stage daring and improved pronunciation in particular.

- IQAC analyses the results of all classes and give suggestions to the teachers for their improvement. This helps in securing university ranks in some subjects like Political Science and Physics.
- Every year IQAC recommends Academic Audit of all the departments in which academic assessment takes place and some suggestions are given for the improvement. ISO surveillance audit helps in the assessment of all the departments.
- IQAC interacts with all Heads of the Departments and discuss with them about their current status and future plans. IQAC gives some suggestions to each department. This mechanism helps the department to update their records like teaching diaries, roll call etc.
- IQAC plans and designs the budget for each department and accordingly budget is allocated to every department through which equipments are purchased.
- At the beginning of every year IQAC discusses with the librarian and the budget is planned to maintain ideal student-book ratio. The students from poor sections of society are provided books through Book-Bank facility by library.

2.13 Initiatives undertaken towards faculty development.

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	02
UGC – Faculty Improvement Programme	--
HRD programmes	--
Orientation programmes	01
Faculty exchange programme	--
Staff training conducted by the university	--
Staff training conducted by other institutions	--
Summer / Winter schools, Workshops, etc.	02
Others (Short-Term Courses)	10

2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	29	02	00	16
Technical Staff	03	00	00	03

Criterion – III

3. Research, Consultancy and Extension

3.1 Initiatives of the IQAC in Sensitizing/Promoting Research Climate in the institution

- All academic decisions related to research are discussed by IQAC and Academic Research Committee (ARC). Some of the research projects are Pure Research Projects and some of the research projects are applied level projects. Most of the Research Projects are useful for immediate solutions in order to solve the problems of vicinity of Kopergaon. Most of our projects carried out by students and faculty members are related with the societal needs and concerns.
- IQAC makes motivate to all teaching faculty to apply for Minor & Major Research Projects. It resulted into getting the projects from B.C.U.D. S. P. Pune University and UGC, New Delhi.
- IQAC recommends staff to register for Ph. D. More than 75% faculty members are Ph. D. holders and remaining them have already registered for Ph. D.
- IQAC recommends staff to apply for Seminars & conferences to BCUD and UGC. As a result 04- National Conference and 03- State Level Conference were organized in this academic year.
- IQAC recommends staff to apply for BCUD &UGC Research Proposals.
- IQAC takes initiative in developing Science UG &PG Laboratories.
- IQAC takes initiative for establishing Computer Laboratories in various departments.
- As per the suggestions given by IQAC, college developed state-of-the art science laboratories in the new science building.

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	---	01	---	---
Outlay in Rs. Lakhs	---	Rs.6,85,000/-	---	---

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	03	09	01	07
Outlay in Rs. Lakhs	3,38,000/-	9,22,000/-	1,90,000/-	3,35,000/-

3.4 Details on research publications

	International	National	Others
Peer Review Journals	21	40	--
Non-Peer Review Journals	--	--	--
e-Journals	24	--	--
Conference proceedings	--	50	03

3.5 Details on Impact factor of publications:

Range Average h-index Nos. in SCOPUS

3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
Major projects	2013-16	UGC	06,85,000/-	06,58,000/-
Minor Projects	2015-17	BCUD, UGC	10,72,000/-	11,22,864/-
Interdisciplinary Projects	--	--	--	--
Industry sponsored	--	--	--	--
Projects sponsored by the University/ College	2015-17	BCUD	08,85,000/-	06,65,864/-
Students research projects (other than compulsory by the University)	--	--	--	--
Any other(Specify)	--	--	--	--
Total		02	26,42,000/-	19,71,364/-

3.7 No. of books published i) With ISBN No. Chapters in Edited Books

ii) Without ISBN No.

3.8 No. of University Departments receiving funds from

UGC-SAP CAS DST-FIST

DPE DBT Scheme/funds

3.9 For colleges Autonomy CPE DBT Star Scheme

INSPIRE CE Any Other (specify)

3.10 Revenue generated through consultancy

3.11 No. of conferences organized by the Institution	Level	International	National	State	University	College
	Number	--	04	03	NIL	02
	Sponsoring agencies	--	BCUD & Self funded	BCUD & Self funded	-----	KTE Society

3.12 No. of faculty served as experts, chairpersons or resource persons

3.13 No. of collaborations International National Any other

3.14 No. of linkages created during this year

3.15 Total budget for research for current year in lakhs:

From funding agency From Management of College

Total

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	Nil
	Granted	Nil
International	Applied	Nil
	Granted	Nil
Commercialised	Applied	Nil
	Granted	Nil

3.17 No. of research awards/ recognitions received by faculty and research fellows Of the institute in the year

Total	International	National	State	University	Dist	College
01	---	01	---	---	---	---

3.18 No. of faculty from the Institution

who are Ph. D. Guides

and students registered for Ph. D. & Students registered for M.Phil. under them

3.19 No. of Ph.D. awarded by faculty from the Institution

3.20 No. of Research scholars receiving the Fellowships (Newly enrolled + existing ones)

JRF SRF Project Fellows Any other

3.21 No. of students Participated in NSS events:

University level State level
National level International level

3.22 No. of students participated in NCC events:

University level State level
National level International level

3.23 No. of Awards won in NSS:

University level	02	State level	--
National level	--	International level	--

3.24 No. of Awards won in NCC:

University level	---	State level	05
National level	02	International level	--

3.25 No. of Extension activities organized

University forum	---	College forum	05
NCC	03	NSS	15
		Any other	--

3.26 Major Activities during the year in the sphere of extension activities and Institutional Social Responsibility-

- NCC Senior Under Officer Mr. Sahil Shaikh was selected for RD parade in 2016 at Delhi.
- NCC cadet Mr. Ganesh Lokhande was selected for TSC Gr. Amravati on 8th to 17th August 2015.
- Miss. Ratnalu Trupti participated in 'National Integration Camp, Kolhapur' from Ladies NCC Unit. And two cadets from Ladies NCC Unit participated in RDC camp and five cadets passed 'C' Certificate Exam.
- Haemoglobin check-up Camp was organized by NSS department on 26th Sept 2015.
- NSS Department with the Help of *Saibaba Sansthan's 'Sainath Hospital', Shirdi* organized Blood donation camp in the college premises in which 86 bags were collected.
- NCC Cadets help Police Department to control traffic and mob during Ganesh festival.
- NSS volunteers help to collect '*Niramalya*' (waste material) in '*Ganpati immersion*' Programme nearby Godavari River.
- '*River Godavari Cleaning Campaign*' is undertaken as a long term project.
- Tree plantation project at the bank of the Godavari River is also undertaken by college. Last year trees were guarded with steel grills.
- NSS Volunteers helped in controlling the public gathered for '*Sinhanstha Kumbhmela*' in Shirdi on 12th August 2015.
- Student Welfare Board of the college organized 'Right to information Workshop' in our college on 15th February 2016.
- Aptitude test in Cyber Awareness was conducted on 17th August 2015 for students of Computer Applications.
- Student Welfare Board of the college organized 'Anti-Ragging workshop' in our college on 16th February 2016.
- The college organized Extra Mural Savitribai Phule Pune University Jaykar lecture series for senior citizens and students of the college on 6th, 7th and 8th Jan 2016.

- The Indoor Game Hall of the college is provided to the citizens of the Kopargaon vicinity and all the sports facilities are provided to them at free of cost.
- Every year college organises State level '*B. G. Rohamare Gramin Sahitya Puraskar Yojana*' on 7th December in which emerging writers are motivated by honouring them in the form of awards. Every year 4-5 writers are chosen from different categories and they are honoured with Rs. 5000/- cash prize, certificate and memento.
- Department of Physics organized 2-days State Level Workshop on NET/SET Examination for M. Sc. Physics students on 21st and 22nd February 2016.
- Consecutively from second year college organized '*K. B. Rohamare State Level Inter Collegiate Debate Competition*' on 5th February 2016.
- Department of Library celebrated '*Vachan Prerna Din*' and also organized Workshop, Science Book Exhibition as well as Books distribution to economically backward students on 15th October 2015.
- Competitive examination on '*Gandhian Thoughts & Culture*' was organized by Hindi department.
- Department of Commerce organized the lecture series from 14th to 16th March 2016. Mr. Jateen Jadhav, Branch Manager, Axis Bank, Mr. Parimal Modi, 'Gyan Setu' NGO and Mrs. Bhavana Nair, National Skill Development Corporation delivered lecture on various topics.
- The teaching and non-teaching staff members of our college participated in Sanjivani Engineering College Cricket tournament and the team won first prize.
- The college organized several programmes in collaboration with Lions Club, Kopargaon. These programmes include Health Check-up Camp for girls, awareness programmes on female foeticide, street plays based on voters awareness programme, cyber security awareness programme etc.
- Commerce Festival was organized by Commerce Department for UG and PG students in January 2016.
- Department of Economics organized Competitive Examination on Economic based knowledge during every year.
- Training Programme under NSDC was organized in the Sectors of Logistics and Retail in the month of March 2016.
- Training on NASSCOM Qualification Park was organized in the field of Associate Finance & Accounting (Transportation) by Global Services in March 2016.
- Department of Commerce under the aegis of Ministry of Company Affairs & ICAI, one day financial awareness programme was organized on 2nd February 2016. 87 citizens around the vicinity participated in the same.

Criterion – IV**4. Infrastructure and Learning Resources**

4.1 Details of increase in infrastructure facilities:

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	07 Acre	--	--	07 Acre
Class rooms	28	04	K.T.E. Society	32
Laboratories	16	00	K.T.E. Society	16
Seminar Halls	02	--	K.T.E. Society	02
No. of important equipments purchased (\geq 1-0 lakh) during the current year.	--	--	--	--
Value of the equipment purchased during the year (Rs. in Lakhs)	15.99	20.567	K.T.E. Society	36.55160
Others	---	---	---	---

4.2 Computerization of administration and library

Administrative works are fully computerized with the use of 'Vridhhi' Computer software. Library is fully automated and total books have been bar coded. Books are issued with the help of bar code. There is LAN network in library as well as in the office. N-LIST database it includes e-Journals and e-books have been subscribed by the library and free access is given to all the members of library. All science laboratories are fully computerized and their administration takes place on computers.

4.3 Library services:

	Existing		Newly added		Total	
	No.	Value (Rs.)	No.	Value (Rs.)	No.	Value (Rs.)
Text Books	46739	4509979.00	1139	299168.00	47878	4809147.00
Reference Books	4225	1796020.00	189	103881.00	4414	1899901.00
e-Books	93809	5000.00	18864	5750.00	122673	5750.00
Journals	156	178221.00	24	30325.00	101	142043.00
e-Journals	6247	5000.00	----	5750.00	6247	5750.00
Digital Database	02	5000.00	----	5750.00	02	5750.00
CD & Video	257	20922.00	21	Free with Books	278	20922.00
*Others (Specimen Books)	844	217728.00	99	19924.00	943	237652.00

*Other: Competitive Examination Books, Motivational Books, Personality Development Books.

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others-Library
Existing	155	06	i)Broad band ii) Wi-Fi	03	03	15	23	12
Added	05	01	Upgraded to 4G	--	--	--	02	--
Total	160	07	02	03	03	15	25	12

4.5 Computer, Internet access, training to teachers and students and any other programme for technology Up-gradation (Networking, e-Governance etc.)

- ‘TECHNO-FEST’ was organized by T.Y.B.C.A. students of the Department of Computer Application for first year students of all faculties on 23rd December 2015.
- The college has a state-of-the- art computer laboratory which has 24 hours broadband internet access. All the students and teachers are allowed to access computer laboratory and internet facility.
- A guest lecture of Mr. Nitin Rohamare, UAE on “Job Opportunity in IT” was organized for the students of Computer Science on 30th December 2015. Also a guest lecture of Prof. P. P. Kulkarni was organized on the topic “Recent Trends in IT” on 2nd January 2016.
- Special course for the PG students with six credits on Cyber Security was organized since last two years.
- Department of Computer Application organized competition in ‘C’ Programming.

4.6 Amount spent on maintenance in lakhs :

i) ICT	46482/-
ii) Campus Infrastructure and facilities	3039336/-
iii) Equipments	2056166/-
iv) Others (Building and infrastructure)	2684117/-
Total :	7826601/-

Criterion – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

- Student mentoring is one of the best practices of the college which helps tremendously in enhancing the confidence among the students.
- Placement cell serves the need of the students in training and placement.
- Counseling of students took place in all departments on their courses so to help them in choosing the right course.
- As per the advice of IQAC, coaching was provided as a special support to students who were at risk of failure and drop out. Normally one class per week is held as tutorial class for a subject. The said students were advised informally by the teachers.
- Students are provided with physical facilities in all departments. ICT enabled teaching, introduction to ICT, internet facilities, computer laboratories, Health centre, Hostel facilities for boys and girls, refectory facility, clean and pure drinking water facility, Book bank facilities are provided to all the students.
- The awareness among the students about the use of library is created every year in the college by the librarian through classroom demonstrations.
- Details of scholarship and freships from various courses for reserve category students were intimated.
- Students from the weaker section of the society are identified at the beginning of the year and 'Earn & Learn' scheme is initiated for them.
- NSS and NCC departments cater to the need of the students in achieving their goals.
- Computer programming and value education programmes were organized in the college.
- Grievance Redressal Cell and Competitive Examination Centre also cater to the needs of the students.
- At the beginning of the academic year, a meeting of students was convened in which they were briefed about the various activities of the college, Programme officers' of NSS and NCC presented their activities to first year students. First year students were also briefed about various activities and associations in the college.
- Self financed 'Certificate Course in Yoga' was organized every year by Department of Physical Education and Sports.

Continued.....

- Handbook containing details of all students support services and academic calendar was distributed to all the students. It included the details regarding 'Earn and Learn Scheme', Fees installments, Skill Development Programme, College Magazine, Remedial Classes, Industrial Visits, Admission procedure of NSS, NCC, Competitive Guidance Cell, Grievance Redressal Cell, Hostel Facilities, Library, Computer Laboratory, Sports, Mentorship, Financial Assistance, Training and Placement Cell, Cultural Programme etc.
- 10 New Career Oriented self financed certificate courses were started during the year.
- In all 21 self financed courses are being run in the college.

5.2 Efforts made by the institution for tracking the progression

- IQAC organized centralized Assessment Program for term end examinations in college and the feedback is given to all the students about their performance in these examinations.
- IQAC analyzed the examination results of all programs and made suggestion for improvement.
- The Governing Body and the Principal look after the entire process and gives appropriate suggestions for the betterment of academic atmosphere.
- Departmental PTA meetings were conducted to discuss the progress of students.

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
1870	487	--	--

(b) No. of students outside the state

--

(c) No. of international students

--

	No	%		No	%
Men	--	--	Women	--	--

Last Year: 2013-14						This Year: 2014-15					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
1112	343	77	738	05	2280	1360	341	93	563	--	2357

Demand ratio = 1:1

Dropout = 2.1%

5.4 Details of student support mechanism for coaching for competitive examinations (If any)

- Competitive Examination Guidance Centre organized 20-Days workshop in the month of February 2016 on the preparation of competitive examinations in which Mr. Vinay Ingle, Asst. Commandant, BSF guided the students.
- Every academic year, after final examination of T.Y.B.A., T.Y.B.Com., T.Y.B.Sc., T.Y.B.Sc. (Comp) and T.Y.B.C.A. coaching classes of students were organized to prepare them for Post Graduate Entrance Examination conducted by Universities / affiliated Colleges in and outside state.
- Organization of Lectures.
- Lecture Series for PG students for SET/SLET/ MPSC/UPSC and other competitive examinations.
- Mock competitive examination was arranged in the college and 864 students participated in it. Certificates were distributed to successful students.

No. of students beneficiaries/participants

5.5 No. of students qualified in these examinations

NET	<input type="text" value="02"/>	SET/SLET	<input type="text" value="08"/>	GATE	<input type="text" value="01"/>	CAT	<input type="text" value="---"/>
IAS/IPS etc	<input type="text" value="---"/>	State PSC	<input type="text" value="02"/>	UPSC	<input type="text" value="---"/>	Others	<input type="text" value="14"/>

5.6 Details of student counselling and career guidance

- IQAC recommends to all teachers that they should do beyond the classroom teaching and impart proper guidance to students about seeking jobs in different fields.
- The Department of English designed and developed 'A Certificate Course in Communication Skill in English' at the beginning of this year. This course was implemented to the last year students of B.C.A., B. Sc. (Computer Science), Arts and students of special English.
- Through Training and Placement Cell final year students are trained in Soft Skills, Personality development and Pre-interview Techniques.
- Lectures of various professionals are organized every year.
- Student mentoring system is adopted and each class is allotted to a mentor to look after the academic, co-curricular and social aspects of the students.
- Campus interviews of seven industries were organized during 2015-16. Through these interviews, 28 students were placed and 54 students were placed through off campus mode.
- Latest trends in each faculty are informed to the students by organizing 'Orientation Programme' every year.

No. of students benefitted

5.7 Details of campus placement

Number of Organizations Visited	<i>On campus</i>		<i>Off Campus</i>
	Number of Students Participated	Number of Students Placed	Number of Students Placed
07	64	28	54

5.8 Details of gender sensitization programmes

- The college installed sanitary napkin vending machines in Girls Hostel as well as in ladies common room.
- Student Welfare Board of our college organized ‘Female Students Personality Development Workshop on 8th January 2016’.
- Self-defence session for girls was organized, Women Grievance Cell is activated.
- Women’s Welfare Cell functions for the welfare of women staff and students.
- Women’s Welfare Cell celebrated International Women’s Day and organized workshop for women students on women empowerment.
- “Virangana Pathak” (by the girls for the girls) is established every year which looks after the problems of girls students actively.
- Workshop was organized for girl students for their personality development.
- Health check-up camp was organized for girl students.
- Essay Competition was organized on the theme of women empowerment, save girl child and female foeticide on 3rd January 2015.

5.9 Students Activities

5.9.1 No. of students participated in Sports, Games and other events

State/ University level National level International level

No. of students participated in cultural events

State/ University level National level International level

5.9.2 No. of medals /awards won by students in Sports, Games and other events

Sports: State/ University level National level International level

Cultural: State/ University level National level International level

5.10 Scholarships and Financial Support

	Number of students	Amount
Financial support from institution	----	----
Financial support from government	1445	12000751.00
Financial support from other sources	124	1153000.00
Number of students who received International/National recognitions	Nil	Nil

5.11 Student organised / initiatives

Fairs : State/ University level National level International level

Exhibition: State/ University level National level International level

5.12 No. of social initiatives undertaken by the students

5.13 Major grievances of students (if any) redressed:

- The students' demand of additional toilet blocks was fulfilled by building 08 toilet blocks.
- Students demanded the installation of CCTV, which was fulfilled as per their requirement.
- The sports facility in the indoor game hall has been increased after receiving the grievance from the students.
- The girl students from the distant areas always grieved about the public transport system to college. The management, considering the same, started the bus facility for such students 70% concession in fare.
- Parking area was increased for students after receiving a demand from them.

Criterion – VI**6. Governance, Leadership and Management**

6.1 State the Vision and Mission of the institution

Vision:

To make this HEI, a seat of learning enabling the students to contribute significantly to the global knowledge society and to prepare them for the necessary global leadership.

Mission:

- To provide to the future generations of the students quality higher education of the global standard in various areas of knowledge.
- To keep pace with the ever changing global knowledge scenario and innovations.
- To conduct the research and transform the innovative knowledge for the sustainable development of the society i.e. to work towards applied innovative programmes.
- To inculcate the oriental moral values among the students and even among the stakeholders.
- To enable the students to stand in the world competition successfully and to make them responsible citizens of modern India.
- To empower the students through modern learning techniques and participation in curricular, co-curricular, extra-curricular and extension activities.

6.2 Does the Institution has a management Information System

i. Administrative procedures including finance:

The College Principal acts as facilitator between the governing body and the college staff. All the data concerning various processes is well maintained and principal retrieves data as per the requirements. All the financial transactions are also processed through installed software 'Vridhi' where it can be easily detected whether the funds allocated are properly utilized or not.

The data in admission includes important aspects such as salary maintenance of teaching & non-teaching and adhoc, balance sheet, PF/ pension, Recruitment procedure, Student admission, correspondence with university, DHE, UGC, Management & other external bodies, RTI correspondence, records maintenance & building maintenance etc.

ii. Student admissions: Information is provided through college website and prospectus of college.

Continued....

iii. Student records:

- a) **MIS-** Management Information System: Basic information of the institution and the data concerning students, personal information, educational qualification, internal examination, performance, attendance records, hostel facility, scholarship information, facility for physically handicapped students and research activity etc. can be accessed through MIS which is maintained in the form of registers & on computers. MIS is very actively functional in our college. Top-down flow of information and bottom-up communication take place very effectively. MIS is active in three layer systems in our college- 1) Local/college level, 2) Department of Higher Education, Govt. of Maharashtra and 3) AISHE, Ministry of HRD, Delhi.
- b) **CMS-** College Management System- For this purpose administration office develops an office network. In this office computerisation the data concerning students, personal information, educational qualification, internal examination, performance, attendance records, hostel facility, scholarship information, facility for physically handicapped students and research activity etc. is maintained.
- i. **Evaluation and examination procedures:** Internal evaluation is done on the basis of class tests. The concern faculty transfers the data to the office and the in-charge of attendance. The office maintains a record using university guidelines. Controller of Examination is appointed as per the guidelines of University. In house first year examination of undergraduate course is conducted as per guidelines of Pune University.
- ii. **Research administration:** Records of project done by some undergraduate and postgraduate students is maintained in the concern department. A research committee is appointed to guide the faculty member in assisting their research documentations and solving their queries.
- iii. **Other:** For this purpose LAN has been developed and software 'Vridhi' is installed and being used.

6.3 Quality improvement strategies adopted by the institution for each of the following:

6.3.1 Curriculum Development

The curriculum is designed and developed by Savitribai Phule Pune University and implemented by the college. However, the university arranges some workshops for the teachers while designing syllabus. Many of our teachers participate in these workshops every year and give their feedback to the Board of Studies of University.

6.3.2 Teaching and Learning

- Preparation of Academic Calendar in the month of April.
- Time Table for all classes is set in the month of April.
- Teaching plans are prepared by all faculty members in April.
- The execution of time-table and teaching plan is done in the next academic year.
- ICT based teaching-learning is preferred by all faculty members.
- 'EyeRIS IntelliSpace' software is installed in virtual class room which is used by all faculty members.
- Film and Drama appreciation programmes are arranged in the form of screening of the play and films in college. Discussion is followed by screening.
- Class seminars and group discussions are arranged by all faculty members in their respective subjects.
- Techno-Fests and PPT competitions are organized in several departments.
- Expert lecture series is organized every year in each department.

6.3.3 Examination and Evaluation

Internal squad, CCTV surveillance, separate examination office with computer, broad band internet, and Xerox copier facility is provided in the college. Computerized results are generated by using 'Vridhhi' software.

6.3.4 Research and Development

- The office bearers of Kopargaon Taluka Education society management and the Principal always promote research in college by motivating teachers to apply for major and minor research projects. 07 Minor Research Project were completed during this year. The Principal also motivated the staff to register for Ph. D. This year 05 Ph. D. degrees awarded to faculty.
- Eight students participated in 'Avishkar-2015' and they were honoured by the University with certificates.
- This year college organized 'Convocation Ceremony' at college level to award Degree Certificate to the students who completed their under graduation from our college.

6.3.5 Library, ICT and physical infrastructure / instrumentation

- In this academic year, college inaugurated '*Padma Bhushan Karamasibhai Science and Technology Bhavan*' by auspicious hand of renowned scientist Padmbhushan Dr. Raghunath Mashelkar. In this building the UG and PG laboratories of Physics and Chemistry, Computer Science laboratories, classroom and some smart classes have been established. Also 4G-Wi-Fi, CCTV, six toilet blocks and RO drinking water facilities are provided.
- Library is well equipped with the OPAC system. The library uses INFLIBNET, N-LIST database and also has online membership of prestigious institution like British Council Library.
- The college also makes the frequent use of ICT in teaching, learning and evaluation.

6.3.6 Human Resource Management

- IQAC monitors the utilization of human resources in the best possible way.
- Technical support and training is provided to them in college campuses as well as they are sent to participate in training programme organized by other institutes/universities.
- All the staff members of teaching and non-teaching faculty are encouraged for the best performance by appreciating their achievements.
- Kaizen theory of systematic planning and work is adopted by the staff members who improve their performance.

6.3.7 Faculty and Staff recruitment

Teaching faculty is appointed by following the rules and regulations of the Government of Maharashtra and S. P. Pune University, Pune. Non-teaching staff is also appointed in accordance with the rules and regulations of the Government of Maharashtra and S. P. Pune University, Pune.

Temporary teaching staff is appointed by the management council of the college at local level on ad-hoc basis. In this procedure of selection also college appoints qualified staff and knowledgeable teachers. In this recruitment the subject experts recommend the candidate and the same candidate is selected.

6.3.8 Industry Interaction / Collaboration

Department of Physics, Chemistry and Geography have undertaken a joint programme in facilitating the local farmers. These departments share their knowledge regarding environmental changes, weather forecast, soil testing and horticulture with the local farmers.

6.3.9 Admission of Students

- For this we form the Admission Committees for counselling the student for their Admission.
- The college offers admissions to some courses on first-come-first-serve basis. Such admission can be completed within half an hour by the students. Admission committee recommends the students who are eligible for admission; such students go for direct admission.
- For some courses like M. Sc. Physics and M.Sc. Chemistry & S.Y.B.A. admissions are given on merit basis as per rules and regulations of S. P. Pune University, Pune. In this admission process, the rules of reservations are strictly followed.
- Poor and needy students are offered admission without charging any fees. The college bears their fees and help them in taking higher education.

6.4 Welfare schemes for

Teaching	02
Non teaching	02
Students	02

6.5 Total corpus fund generated

Rs.11,48,470.00 up to 14.09.2016

6.6 Whether annual financial audit has been done Yes No

6.7 Whether Academic and Administrative Audit (AAA) have been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	ISO 9001:2008	Yes	IQAC & Internal Auditors of ISO
Administrative	Yes	NIL	Yes	IQAC & C.A. R.P.Roham & Com.

6.8 Does the University/ Autonomous College declare results within 30 days?

For UG Programmes Yes No

For PG Programmes Yes No

6.9 What efforts are made by the University/ Autonomous College for Examination Reforms?

Not Applicable

6.10 What efforts are made by the University to promote autonomy in the affiliated/constituent colleges?

Not Applicable

6.11 Activities and support from the Alumni Association

- N.C.C. cadets who are passed out from college, visit college at regular interval of time and guide our students in preparing for military and police services.
- Mr. Sunil Bora, a alumni and a well known cloth merchant. He is also a Joint-secretary of K.T.E. Society. He provides college uniforms to the poor and needy students without charging money during every year.

6.12 Activities and support from the Parent – Teacher Association

- The meetings of Parent-Teacher Association are held regularly in the college. In these meetings the awareness is created among the parents and students about stress management, the uses and abuses of mobile, commuting problems and solutions as well as to improve the academic performance of their wards.
- As per the suggestion given by the parents, the college provided a bus for the transportation of girl students on no loss-no profit basis.

6.13 Development programmes for support staff

- The college runs co-operative consumer store for all the staff members and the students. Through this store, the staff and students receive stationery material and consumable items on the basis of no profit-no loss.
- The college also organized health check-up camp for non-teaching staff. Computer training programme was organized for non teaching staff.
- The college also organised workshop for teaching and non- teaching staff on stress management.

6.14 Initiatives taken by the institution to make the campus eco-friendly

- The college installed solar street lights which cost around 1.5 lakhs.
- The college initiated the use of fabric carry bags instead of plastic carry bags.
- Students of our college planted medicinal plants in the botanical garden.
- A lecture on ‘Rain Water Harvesting’ was organized in the college.
- NSS volunteers and NCC cadets planted many trees in college premises to make the campus eco-friendly.
- The college started production of vermi-compost by using dry leaves and waste material collected on the premises.
- The students of department of Botany planted rare plants in nursery.
- The college developed three layered filtration plant for the drainage water so that the filtered water enters into the Godavari River.
- The concept of ‘Oxygen Park’ was initiated at primary level by planting ‘Tulshi’ plants in the campus.

Criterion – VII

7. Innovations and Best Practices

7.1 Innovations introduced during this academic year which have created a positive impact on the functioning of the institution. Give details:

- IQAC and Department of Physics jointly organized National Conference on “Role of IQAC: Academic and Administrative Audit in Institutional Quality” on 21st & 22nd January 2015.
- Department of Hindi organized National Conference on ‘*Hindi Sahitya mein Dalit Chetana*’ on 9th February 2016.
- Department of Computer Applications organized National Conference on “Social Media & Cyber Crime” on 17th January 2016.
- Department of Economics organized one day National Conference on “Contribution of Dr. Babasaheb Ambedkar in Economic Thoughts” on 09th February 2016.
- Department of Commerce organized State Level Conference on ‘*Entrepreneurship Development: Emerging Potentials and Challenges in Modern India*’ on 24th and 25th January 2015.
- Department of Zoology has organized State level Conference on “Contemporary Catastrophe of Environment and Potential of Bio-resources to ease the Challenges” on 15th & 16th 2016.
- Department of Physics organized “State level Workshop on NET/SET Exam. For PG students on 21st & 22nd February 2016.”
- Training and Placement Cell in association with National Skill Development Council organized one month training programme for the final year students in all faculties in the sectors of Logistics, Retail and Beauty and wellness in March 2016.

7.2 Provide the Action Taken Report (ATR) based on the plan of action decided upon at the beginning of the year:

At the beginning of the academic year 2014-15 the following programmes were proposed and IQAC prepared ATR at the end of same academic year.

- IQAC recommended to start a few additional research centers.

ATR:

The Government of Maharashtra and Savitribai Phule Pune University sanctioned and gave permission to the Ph. D. Research Centre in Hindi.

- IQAC recommended to construct a state-of-the-art Main-Gate.

ATR:

The college is in process of constructing a state-of-the-art Main-Gate.

- IQAC recommended Landscaping (plantation) in the college premises.

ATR:

The process of Landscaping is in progress and very soon it will be completed.

- IQAC recommended establishing of solar energy for electricity purpose in Science and Technology Building.

ATR:

The solar energy unit for electricity has already been established in college.

- IQAC recommended to conduct 'The Energy Audit' in the next academic year.

ATR:

The energy Audit has been taken place and it resulted in saving our electricity at bigger scale.

- IQAC proposed "One day workshop on Skill of Drafting" for non-teaching staff of the college with collaboration of English department in the next academic year.

ATR:

One day workshop on 'Skill of Drafting' for non-teaching staff of the college with collaboration of English department had taken place and the response was good.

- IQAC recommended that, the Department of Computer Applications to organize 'One day workshop on Cyber security and Information Technology Act for the police persons in the district'.

ATR:

The Department of Computer Application organized National Level Interdisciplinary Conference on 'Social Media & Cyber Crime' on 17th January 2016.

- IQAC recommended to increase the number of organization and participation in conferences, seminars and workshops.

ATR:

The number of organization and participation in conferences, seminars and workshops has been increased.

- IQAC proposes to increase participation of students in sports & cultural activities.

ATR:

The participation in sports activities of students has tremendously increased and many of our students played at State and National level in base ball & Yoga.

7.3 Give two Best Practices of the institution

- To save the Nature: Conservation and Utilization of Natural Resources.
- Cyber Crime: Awareness and Security

** The details are provided in annexure III*

7.4 Contribution to environmental awareness / protection

- The college constructed underground water storage tank to collect rain water. In this water tank 'Rain Water Harvesting' of two buildings has been completed.
- N.S.S. volunteers cleaned up Godavari river bank and planted tree. These trees are regularly looked after by these volunteers.
- The students of N.C.C. also planted trees on college campus.
- The students of the college gathered plastic garbage and waste materials in the vicinity of Kopergaon tehshil especially during Ganesh festival.
- All the staff members and students of the college initiated cleanliness campaign in college campus on 2nd October 2015.

7.5 Whether environmental audit was conducted? Yes No

7.6 Any other relevant information the institution wishes to add.

- An Environmental Awareness Camp was organized by Department of Botany and Zoology to make farmers aware about indiscriminate use of pesticides and its effects on human health.
- Awareness camp to use more vermi-compost instead of chemical fertilizers.

Identified strengths from SWOT Analysis:

- i. In this academic year, college constructed self funded 'Padma Bhushan Karamasibhai Science and Technology Bhavan'. In this building the UG and PG laboratories of Physics and Chemistry, Computer Science laboratories and classroom with five toilet blocks and RO drinking water facility are provided.
 - ii. New Indoor Game Hall is constructed with all facilities
 - iii. Use of ICT based teaching and value added programmes have been increased significantly.

- iv. Effective MIS and Grievance Redressal Cell.
- v. Department of Physics, Chemistry and Geography have undertaken a joint programme in facilitating the local farmers. These departments share their knowledge regarding environmental changes, weather forecast, soil testing and horticulture with the local farmers.
- vi. In this academic year the growth was seen in the enrolment of reserve category students.
- vii. Considering the increased number of students, college extended ladies common room & Toilets.
- viii. In this academic year there was a significant growth in Ph.D. holders
- ix. College extended both, boys and girls' hostel and also PG accommodation was provided to boys and girls also.

Identified weaknesses from the SWOT analysis:

- i. Limited opportunities in resource generation.
- ii. Limited scope for consultancy services.
- iii. Lack of Guest house

Opportunities identified from the SWOT analysis:

- i. Conducting research on local history of Kopergaon tehshil.
- ii. Conducting research on impact of fertilizers and pesticides on crustaceans.
- iii. Conducting the financial awareness classes among the citizens of Kopergaon tehshil.
- iv. Organizing entrepreneur development programme for the students and masses.

Identified challenges/threats from SWOT analysis

- i. The main occupation of the citizens of Kopergaon tehshil is farming. Kopergaon comes under rain shadow region. So the farmers and parents of our students are always under economic crises. This financial weakness results in to the poor background of students. Because of this, students are unable to pay the fees of university regularly. They pay it in instalments.
- ii. Some of our post from both, teaching and non-teaching, are lying vacant because of lack of No Objection Certificate (NOC) from Govt. of Maharashtra.

8. Plans of institution for next year: (2016-17)

- The IQAC has proposed to install the solar panel on the roof of science building to minimize the consumption of electricity.
- The IQAC has proposed to increase the number of Smart Class Rooms.
- The IQAC proposes to start more Research Center in the college.
- The IQAC proposes to establish well equipped Gymkhana Facilities.
- The IQAC has proposed to prepare 200mtr Running Track.
- The IQAC has proposed to construct separate Ladies Common Room.
- The IQAC has proposed to construct Synthetic Badminton Court.
- The IQAC has proposed to enhance the reading room facility.
- The IQAC proposes to display 'Weather Data' on Digital Display Board.
- The IQAC proposes to organize 'Zero-Budget Farming: Awareness Campaign' for the farmers.
- The IQAC has proposed to renovate with well equipped 'Sakarben Auditorium'.
- The IQAC proposes to construct separate New Conference Hall.
- The IQAC proposes to start PG courses in Botany, Zoology and Mathematics.


Name Dr. B. B. Bhosale
Co ordinator
IQAC, K. J. Somaiya College
Kopargaon, Dist. A.Nagar

Signature of the Coordinator, IQAC




Name Principal Dr. B. S. Yadav
Principal
K. J. Somaiya College of Arts
Commerce & Science, Kopargaon

Signature of the Chairperson, IQAC

Annexure –I – Academic Calendar Semester I

Kopergaon Taluka Education Society's
K. J. Somaiya Arts, Commerce and Science College,
 Mohanirajnagar, Kopergaon-423601, Dist.- Ahmednagar (M.S.)

ACADEMIC CALENDAR FIRST TERM 15/06/2015 TO 21/10/2015

Month	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
JUN	SUMMER VACATION														1st Working Day	15th Working Day	16th Working Day	17th Working Day	18th Working Day	19th Working Day	20th Working Day	21st Working Day	22nd Working Day	23rd Working Day	24th Working Day	25th Working Day	26th Working Day	27th Working Day	28th Working Day	29th Working Day	30th Working Day	31st Working Day
JUL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
AUG	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
SEP	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
OCT	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NOV	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	

• Working Days: 114 *Change in the schedule due to unavoidable circumstances will be notified in advance. Principal
 K. J. Somaiya College, Kopergaon.

Annexure –I – Academic Calendar Semester II

Kopergaon Taluka Education Society's
K. J. Somaiya Arts, Commerce and Science College,
 Mohanirajnagar, Kopergaon-423601, Dist.- Ahmednagar (M.S.)

ACADEMIC CALENDAR SECOND TERM 19/11/2015 TO 30/04/2016

Month	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
NOV	DIWALI VACATION																														
DEC	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
JAN	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
FEB	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
MAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
APR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31

• Working Days: 137 *Change in the schedule due to unavailable circumstances will be notified in advance. Principal
 K. J. Somaiya College, Kopergaon.

Annexure- II

An analysis of the feedback of the year: 2015-16

Feedback Analysis: 2015-16

The College aims to offer the best possible environment and learning experience to encourage students to perform to their full potential.

Students play a critical part in the evaluation, development and enhancement of the quality of this learning experience. Feedback from students allows the College to evaluate how its service provision is viewed by its most important group of stakeholders, namely its students. The feedback is also obtained from parents and alumni at the time of meeting with them. The random sampling method is used for the collection of feedback.

Students are invited and given feedback forms on an anonymous basis, towards the end of semester / terms. This process occurs on a twice-yearly basis: towards the end of the first semester, in December, and towards the end of the second Semester, in April. In each case, feedback is collected after students have been assessed. The feedback of parents and alumni is also taken at the time of meeting with them.

The said feedback is analyzed very minutely by feedback committee and the 'Action Taken Report'-ATR are prepared on it.

The feedback of academic year 2015-16 is analyzed minutely by Feedback Committee which gives following suggestions to the college. They are as follows:

- According to growth of students, computer and internet facility should be enhanced.
- Toilet facility should be increased and cleanliness should be maintained.
- The recreation facility for entertainment to be provided in Ladies Hostel.
- The sports material should be made available to the students.
- Proper maintenance of the class-rooms should be taken care of.
- More ICT should be used in teaching- learning process.
- Effective communication of various activities organized in the college should be highlighted properly.

All the above cited suggestions are discussed in IQAC meeting and are complied by the college at the end of this year.

Annexure- III

Best Practice: I

1. **Title of the Practice:**

Save the Nature: Conservation and Utilization of Natural Resources

The nature is everything around us which surrounds us with beautiful environment. We see and enjoy it every moment. We observe natural changes in it, hear it and feel it everywhere. We should take full advantage of the nature and go out of home for the morning walk daily to breathe pure air and enjoy morning beauty of nature. When sun rises everything looks bright orange and then yellowish. In the evening when sun sets, it again becomes dark, orange and then light dark.

The nature has everything for us but we do not have anything for it even we are destroying its property day by day to just fulfil our selfish wishes. In the modern technological world lots of inventions are getting launched daily without its advantage and disadvantage to the nature. It is our responsibility to save the declining assets of our nature to make possible the existence of life forever on the earth. If we do not take any step towards nature conservation, we are keeping our future generations at danger. We should understand its worth, value and try to maintain its natural shape.

2. **Goals:**

- To carry out Green Audit in securing the environment and cut down the threats posed to human health.
- To determine ways to reduce energy consumption per unit of product output or to lower operating costs.
- To meet the increasing demand of water and supplement laboratories water needs.
- To reduce soil erosion and increase the natural beauty of the landscape and land rehabilitation.
- To create awareness among the students about safe practices of plastic waste management and run a campaign with the help of other agencies who are involved in plastic waste management programs.
- To develop awareness among students about the nature and causes of energy related challenges being faced by humankind.
- To make the students aware of various types of non-renewable and renewable sources of energy.

- To motivate and prepare the students to make efforts towards development and implementation of alternative strategies to face various challenges faced by energy sector.
- To develop functional values and attitudes in the students towards harnessing of renewable energy sources.
- To create the awareness among society in general and students in particular about water pollution and epidemic diseases due to it.
- To conserve and beautify the Godavari River bank.

3. **The Context:**

Education is one of the most effective means for providing solutions to the problems faced by the society. Renewable energy education, in essence, is the treatment of various topics and issues related to renewable energy resources and technologies as an independent subject. The broad objectives of renewable energy education pertain to providing functional knowledge and understanding of facts, concepts, principles and technologies for harnessing of renewable sources of energy. Therefore, depending upon its level, the role of a renewable energy education programme should be educative, informative, investigative and imaginative. Renewable energy education and more broadly the energy education has to have the entire population as its target audience.

The intention of organizing Green Audit is to upgrade the environment condition in and around the institutes, colleges, companies and other organizations. It is carried out with the aid of performing tasks like waste management, energy saving and others to turn into a better environmental friendly institute.

The Energy Audit would give a positive orientation to the energy cost reduction, preventive maintenance and quality control programmes which are vital for production and utility activities. Such an audit programme will help to keep focus on variations which occur in the energy costs, availability and reliability of supply of energy, decide on appropriate energy mix, identify energy conservation technologies, retrofit for energy conservation equipment etc.

Renewable energy education programmes should be efficient and economic (maximum number of people educated within available financial resources) besides being effective in achieving the desired objectives. To the extent possible, the university level teaching/training programmes on renewable energy education in particular and all other initiatives, in general, must ensure employment/self employment to the students upon successful completion.

Plastic is now an integral part of the everyday activity of human life and one cannot rule out the advantages of plastic but the disadvantages can be reduced to some extent if certain tips to deal with plastic waste are followed and these are:

- Prohibition on manufacturing/selling of certain plastic material/bags: Some governments in the developed and developing countries has prohibited the manufacture and selling of plastic bags or material that contains more than the standard prescribed microns of plastic. By this way, the excessive dependence on plastic has been controlled to some extent.
- Using paper bags and other cloth materials as shopping bags for a customer can be useful. It is suggested to use paper bags and bags made with cloth material such as jute, cotton etc while going for shopping or for purchasing grocery items.

In this way, we as individuals can rely less on the plastic bags while going on a shopping spree.

Thus the use of plastics can be controlled and we can also give a lending heart for an effective waste management system.

- One of the biggest outputs of the '*Ganesh Chaturthi*' festival is the tonnes of '*nirmalya*' - the offerings collected during the immersion. These offerings are made of several items: flower garlands, fruits, coconuts, spices, honey and camphor. While most of the offerings themselves are made of natural items, they come wrapped in plastic bags, plastic boxes or glass bottles.

Traditionally, these items were meant to be immersed with the Ganesh idols, as an offering back to nature. However, since immersion of these on large scale is bound to cause problems, the NSS volunteers of our college has successfully convinced devotees to deposit their '*nirmalya*' bags in a trolley near the ghats. Yet, the fact that non biodegradable materials such as plastic or thermocol accompany the offerings, makes it necessary to appropriately manage the '*nirmalya*' collected. From 2009, NSS Volunteers including NCC Cadets and Nagar Parishad Kopergaon, came together to take this process one step forward.

The NSS volunteers will collect the *nirmalya* bags and make sure all the contents of the bags are correctly separated into biodegradable and non biodegradable substances. Food items such as fruits and coconuts are taken home by the women or distributed to the poor. The bulk of the flowers collected will be composted by the Kopergaon Nagar Parishad.

This project has received the approval and support of both the Kopargaon Nagar Parishad as well as the authorities of Kopargaon Taluka Education Society.

4. **The Practice:**

- The college has developed the best mechanism to harvest the rain water. Rain water storage tank of 150000 litres has built-up and the rain water goes in it from the roof of Gymkhana and science building through separate pipeline.
- One of the best eco-friendly practices is that of solar energy. The college has established Street Solar Light of approximate Rs.150000.00. This gives light all over campus and saves the electricity bill of the worth of Rs. 25000 per year. The Boys and Girls Hostel are well-equipped with solar water heater facility.
- The College has developed mechanism to save the electricity by going for energy audit. It has saved our electricity tremendously.
- The college has completed Green audit of the campus and identified some rare species of the plants which are being taken care of.
- Under the motto 'Clean College, Green College', the institute has developed plastic garbage management mechanism.
- 'River Godavari Cleaning Campaign' is undertaken as a long term project. Also, NSS volunteers help to collect 'Niramalya' (waste material) during 'Ganpati Idol Immersion' Programme nearby Godavari River during every year.
- Plastic material is not used on campus by all the stake holders of the institute. The college initiated the use of fabric carry bags instead of plastic carry bags.
- A lecture on 'Rain Water Harvesting' was organized in the college.
- Under the motto 'Go Green & Plant a Tree', NSS volunteers and NCC cadets planted many trees in college premises to make the campus eco-friendly. Also, Tree plantation project at the bank of the Godavari River is also undertaken by college. Last year trees were guarded with steel grills. Students of our college planted medicinal plants in the botanical garden.
- The college started production of vermicompost by using dry leaves and waste material collected on the premises.
- The students of department of Botany planted rare plants in nursery.
- The college developed three layered filtration plant for the drainage water so that the filtered water enters into the Godavari River.

5. **Evidence of Success:**

N.S.S. Unit has worked consistently towards eco-friendly agenda of the college. This unit has worked in beautify the Godavari river and tree plantation. As a result, S. P. Pune University has recognized our NSS Unit as a best unit in Ahemadnagar District and NSS Programme Officer as a best Programme Officer in Ahemadnagar District.

The activity of '*Niramalya*' during '*Ganpati Idol Immersion*' was appreciated by Kopargaon Nagar Parishad and Police Station Kopargaon by felicitating & awarding a Certificate of Appreciation.

Our college has strictly prohibited the usage of plastic carry bags and had gone for eco-friendly fabric bags.

The college has built-up a large water storage tank to collect rain water from roof of building and said rain water is being used for distilled water in Chemistry Laboratories and other purposes.

The college has installed solar street light panels in the premises and it helps to reduce electric energy consumption.

6. **Problems encountered and resources required:**

- Kopargaon region comes under rain shadow zone and hence water scarcity is the permanent problem. It hampers the nurturing of tree planted.
- It is difficult to change the age-old habits of human beings. So, we are taking serious efforts to give up these habits such as use of plastics and throwing garbage in the river.

7. **Notes:**

The collection of **rainwater** from the roofs of buildings can easily take place within our cities and towns, not just in India. All that is necessary to capture this water is to direct the flow of rainwater from roof gutters to a rainwater storage tank. By doing this, water can be collected and used for various uses. It is a technique of increasing the recharge of groundwater by storing rainwater locally, through roof water harvesting, refilling of dug wells, recharging of hand pumps, construction of percolation pits, trenches around fields and bunds or dams on small rivulets.

The Solar Energy a clean renewable resource with zero emission has got tremendous potential of energy which can be harnessed using a variety of devices. With recent developments, solar energy systems are easily available for industrial and domestic use with the added advantage of minimum maintenance. Solar energy could be made financially viable with government tax incentives and rebates. Most of the developed countries are switching over to solar energy as one of the prime renewable energy source.

The current architectural designs make provision for photovoltaic cells and necessary circuitry while making building plans. The National Solar Mission is a major initiative of the Government of India and State Governments to promote ecologically sustainable growth while addressing India's energy security challenge. It will also constitute a major contribution by India to the global effort to meet the challenges of climate change. The objective of the National Solar Mission is to establish India as a global leader in solar energy, by creating the policy conditions for its diffusion across the country as quickly as possible. The immediate aim of the Mission is to focus on setting up an enabling environment for solar technology penetration in the country both at a centralized and decentralized level. The National Action Plan on Climate Change also points out: "India is a tropical country, where sunshine is available for longer hours per day and in great intensity. Solar energy, therefore, has great potential as future energy source. It also has the advantage of permitting the decentralized distribution of energy, thereby empowering people at the grassroots level".

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The Green audit was initiated with the beginning of 1970s with the motive of inspecting the work conducted within the organizations whose exercises can cause risk to the health of inhabitants and the environment. It exposes the authenticity of the proclamations made by multinational companies, armies and national governments with the concern of health issues as the consequences of environmental pollution. It is the duty of organizations to carry out the Green Audits of their ongoing processes for various reasons such as; to make sure whether they are performing in accordance with relevant rules and regulations, to improve the procedures and ability of materials, to analyze the potential duties and to determine a way which can lower the cost and add to the revenue. Through Green Audit, one gets a direction as how to improve the condition of environment and there are various factors that have determined the growth of carrying out Green Audit. In general, Audit is the translation of conservation ideas into realities, by lending technically feasible solutions with economic and other organizational considerations within a specified time frame.

Best Practice No.-II:

1. Title of the Practice:

Cyber crime: Awareness and Security

Cyber crime is one of the fastest growing areas of crime. More and more criminals are exploiting the speed, convenience and anonymity that modern technologies offer in order to commit a diverse range of criminal activities. These includes attacks against computer data and systems, identity theft, the distribution of child sexual abuse images, internet auction fraud, the penetration of online financial services as well as the deployment of viruses and phishing. The global nature of the Internet has allowed criminals to commit almost any illegal activity anywhere in the world, making it essential for all countries to adapt their domestic offline controls to cover crimes carried out in cyber world. The maximum use of internet through smart phones poses a serious threat to national and international security.

2. Goals:

The development goals and the role of Cyber crime: Awareness and Security are as follows:

- 1) To make students and society familiar with the concept of 'Cybercrime'.
- 2) To know the changing nature of cyber crime.
- 3) To create awareness about cyber crime and IT Act.
- 4) To provide information about career opportunities in cyber security.

3. The Context:

Today the internet allows users to gather, store, process and transfer vast amount of data, including proprietary and sensitive business, transactional and personal data. At the same time the populations even at Tehsil level rely more and more on such capabilities. The population includes businessman and the consumers. Cyber security threats evolve as security threats and continue to plague the internet economy. The constantly evolving nature of threats and vulnerabilities affects individual firms and their customers as well as national security channel; so sharing responsibility to protect cyber security is becoming more important. Lacks of unprotected computers are connected to internet, which means security deficiencies in a limited number of systems can be exploited to launch cyber attacks on other systems.

Tehsil place are safe for the hackers, social network attackers and for cyber criminal groups. The security personals focus their attention towards metro cities and hence it takes time to detect the cyber crime.

The college expects a positive initiative from the society if the students are given proper education regarding cyber security and safeguard the data of every organization, individual by creating value based system and provision the provision of Information Technology Act.

4. The Practice:

The students of first year are informed about the limited use of social media in the campus and the society. They are informed about the Information Technology Act through the display of posters, notice and hoardings. National Conference was organized on the theme of Cyber Security in 2013 and since then the lectures of eminent professionals from IT sector are organized for the students every year. The Department of Computer Applications and Computer Science jointly organize a campaign throughout the year for achieving the above goals and secure the society.

In January 2015, National Conference was organized on the topic 'Social Media and Cyber Security'. Dr. Harold D'costa, Cyber Analyst for Government of India was the resource person for the same. The conference was attended by academicians, professionals and students. Huge deliberations on the issue of social media were made and its impact was analysed by the technical experts.

The college during the festival of '*Ganeshotsav*' & '*Navratri*' displayed the specially prepared flex display boards on *Do's and Don'ts* of social media. This activity activity received a huge response from the various sectors and age group of society to our faculty members.

5. Evidence of Success:

Several Non Government Organizations, Cyber cafes, IT Professionals from Pune, Aurangabad, Nasik, and Mumbai are invited to share their experiences with the students and masses directly. The Practical approach is also maintained for the same.

The college has signed MoU with the Intelligent Quotient Security System, Pune for the same. The college is also imparting an online certificate course on 'Awareness in Cyber Security' in affiliation with the Yashwantrao Chavan Maharashtra Open University. The course is open to all sections of the society. The college also signed a MoU with the Amrutvahini Engineering College, Sangamner in this regards.

The college distributes the leaflets containing the information about punishment for various cyber crimes and circulates the same in the Tehsil periodically.

The college organizes a workshop for the police personnel's in the district which is headed by the Superintendent of Cyber Cell every year.

The teachers and the students in post graduate department of Computer Applications visit various schools, colleges, and private coaching classes to deliver the lecture and create the awareness about cyber security.

The college has prepared a small booklet containing the IT Act and its provisions. This booklet is issued to the libraries of various colleges at free of cost.

Aptitude test in Cyber Awareness was conducted on 17th August 2015 for students of Computer Applications.

The students with their faculty members of various streams participate in the various workshops, seminars and symposiums on the theme of Cyber Security.

The final year students of Computer Science & Computer Applications department oriented first year students of undergraduate classes on the use of Social Media on mobile phones. Class Seminars was conducted to explain the IT Act and its security.

This activity of college has been appreciated by the newspapers, renowned personalities, social workers in the Tehsil and the police department. The college receives several requests from the local associations in the vicinity to deliver the lecture or organize an exhibition on the issue of cyber security.

6. Problems encountered and resources required:

Kopergaon Taluka is situated at around 100 kms from the district places of Ahmednagar, Aurangabad and Nasik. It has 4 international schools, Engineering College and around 5 colleges imparting traditional and professional courses. The students in these colleges have regular contacts with the cities in metros or at district levels. The nuisance values regarding cyber are easy to spread in spite of continuous counselling. There is no cyber cell with the government officials of Kopergaon Tehsil which also creates a problem for us to communicate with the office bearers for counselling.

The college needs a strong support in the form of expert guidance from the Government cyber cell and also economic support to continue with the activity.

7. Notes:

Cyber is prefix derived from a Greek adjective 'cybernetic' which means skilled in steering or skilled in governing. Cybernetic also means control of speech and functional process. Cyber power is a new power to every individual, group, society and nation. Today's cyber world is full of ICT devices or gadgets. The security of all the sorted data, messages, communication, identity, password, PIN's, personal information is termed as cyber security. The Do's and Don'ts

of cyber security need to be promoted to the early users of internet. Privacy and data theft are today the top security issues that organizations need to focus in coming years. Cyber espionage and social networking attacks will be the trend to watch together with other more traditional threats. It also has the effects on human life. The strength of health disaster and virtual reality is also increasing, cyber games, messaging, pornography, chatting, videos and music downloads are occupying most of our time and educating the masses become more necessary in the field of cyber education.
