

Yearly Status Report - 2018-2019

Part A

Data of the Institution

1. Name of the Institution

LOKMANGAL SCIENCE AND ENTREPRENEURSHIP
COLLEGE, WADALA

Name of the head of the Institution	Mali Nivrutti Shankar
Designation	Principal
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	0217-2735524
Mobile no.	9923404692
Registered Email	lokmandal.gargi@gmail.com
Alternate Email	nivruttimali9@gmail.com
Address	A/P- Wadala, Tal- North Solapur, Dist.- Solapur (M.S.)
City/Town	Solapur
State/UT	Maharashtra
Pincode	413222

2. Institutional Status

Affiliated / Constituent	Affiliated
Type of Institution	Co-education
Location	Rural
Financial Status	private
Name of the IQAC co-ordinator/Director	Bajare Jitendra Shahaji
Phone no/Alternate Phone no.	02172535525
Mobile no.	9421072660
Registered Email	jitendrabajare@gmail.com
Alternate Email	micro_jitendra@rediffmail.com

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	http://lokmandalsciencecollege.org/Docs/AQAR2018-19.pdf
4. Whether Academic Calendar prepared during the year	Yes
if yes,whether it is uploaded in the institutional website: Weblink :	http://lokmandalsciencecollege.org/Docs/Academic%20Calender%202018-19.pdf

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	B	2.02	2018	02-Nov-2018	01-Nov-2023

6. Date of Establishment of IQAC

15-May-2016

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/ beneficiaries
Industrial Visit at Srujan Foods (Parle), Solapur	23-Aug-2018 1	25
Workshop on Tobacco Free Campus	28-Sep-2018 1	157
Workshop on Disaster Management and Defence	01-Oct-2018 1	178
Implementation of Vidyadan Scheme	19-Oct-2018 1	78
Industrial Visit at Balaji Amines, Solapur	12-Nov-2018 1	30
Industrial Visit at Smruthi Organics, Solapur	17-Nov-2018 1	26
Tree plantation and plastic free campus	28-Dec-2018 1	44
Industrial Visit at Shriram Automall, Solapur	23-Jan-2019 1	25
Industrial Visit at Doodhpandari Dairy, Solapur	24-Jan-2019 1	47
Industrial Visit at Sanjivani Industries, Solapur	03-Nov-2019 1	28
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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/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
NSS Department	Regular and Special Camp Fund	Solapur University, Solapur	2018 365	22800
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9. Whether composition of IQAC as per latest NAAC guidelines:

No

Upload latest notification of formation of IQAC

No Files Uploaded !!!

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

[View File](#)

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)

* NAAC Peer Team Visited.

* Provided Vidyadan Scheme facilities for students (free education, lodging and boarding).

* Applied for starting three new academic courses.

* Arranged various visits and tour.

* Conducted two workshops on Disaster Management and Defence and Tobacco Free Campus

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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
NAAC Peer Team Visit	NAAC PTV on 24/09/2018 to 25/09/2018 and got B Grade CGPA 2.02
To start new courses	Applied to the Govt. of Maharashtra for starting the M. Sc. Biotechnology, M. Sc. Entrepreneurship and B. Com.
Strengthening Vidyadan Scheme	All the enrolled students of B. Sc. Entrepreneurship are benefited by free of cost education, hostel and mess facility under the Vidyadan Scheme.
To enrol the students for Tissue Culture Certificate Course	Eleven students enrolled for the said course.
Formation of various Committees	Various committees are formed.
To enrol the students for Tissue Culture Certificate Course	Eleven students enrolled for the said course.
To prepare the academic calendar	Academic calendar is prepared and displayed on the college website.
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14. Whether AQAR was placed before statutory body ?	No
15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	Yes
Date of Visit	24-Sep-2018
16. Whether institutional data submitted to AISHE:	Yes
Year of Submission	2018
Date of Submission	30-Sep-2018
17. Does the Institution have Management Information System ?	Yes
If yes, give a brief descripton and a list of modules currently operational (maximum 500 words)	All the curricular, cocurricular and extracurricular activities are planned and considered during preparation of an academic calendar. All the activities listed in academic calendar are discussed in IQAC and approved by CDC. The programs implementation can be possible by allotting the task as individual or committee based. The monthly report is invited from each teacher by the principal. A common

monthly report is prepared and submitted to the secretary. The monthly report comprises the students details, staff details, assigned activities, planned activities in the current month, task assigned to staff and its status, administrative work status, scholarship outstanding status, library status, laboratory status, sports activities, college website updates, news paper exposure and demand list etc. MIS is effective due to communication in forward and backward direction. Taking review of planned activities and improvement is the basic aim of MIS. Implementation of the decision was very significant because the institute could evaluate the teacher by considering the teaching plan, academic performance by inviting students' feedback, extracurricular and cocurricular activities. The implementation of this strategy helped the teacher to complete the syllabus within time. The monthly reports are taken in to consideration during career advancement and financial benefits of the faculties. For keeping details pertaining to financial transactions, the Tally ERP9 Accounting Software has been in use since 2005. Management Information System also works through circulars, College Facebook Page, electronic announcement system, Display of Notices, by holding staff/Governing Body meeting, holding staff/students /parents/alumni meeting. College Website, SMS service, use of Teacher Parent WhatsApp group, Email to the students and staff are used as information system.

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

Principle aim of the IQAC and CDC is to prepare the sound academic calendar and give the approval for the same. As this college is affiliated college, the curriculum is designed and finalized by the respective board of studies of Solapur University, Solapur. Since last two years, the curriculum has been prepared as per CBCS pattern and implemented. After the approval by academic council, the syllabus is made available on the university website. In the beginning of the academic year, the syllabus is made available to the respective teachers where teacher prepares the teaching plan semester-wise and

tries to complete the syllabus within the stipulated time. Each staff member prepares an academic teaching plan and departmental calendar for effective and timely completion of predetermined portion. For the effective curriculum delivery, the teachers are using conventional and modern teaching aids. In the conventional method, black board and chalks are preferred with oral explanation whereas in modern teaching method (ICT based), over head projector, LCD projector, PPT presentation, YouTube and computers with internet facility are made available to the teachers for effective curriculum delivery by the institute. The notes are also shared with respective/concerned students as printed matter. Term start and end meetings are conducted by the Principal along with faculty members. In the beginning of the term, the syllabus is allotted to the concerned teachers. Time-table committee prepares the timetable and it is communicated with teachers, students and parents for better implementation. At the end of the term end meeting, syllabus completion report of various subjects is evaluated. At the end of every month, teachers submit the syllabus completion report to the management through the Principal. Mid-term meetings: Head of the departments through midterm meetings review the progress on syllabus completion. Both the courses are run by the institute and are science based, hence the practical work is also completed as per the university norms. Attendance record of the students for theory and practical courses is maintained regularly. Students' record of having more than 75% attendance is only allowed to appear for the university examination. Record of academic calendar, workload distribution, syllabus files, timetable, work load chart, teaching plan, syllabus covered, syllabus completion report, attendance report, transferences, PPT presentations, counseling record etc. is maintained by the college. Every staff member has CIAAN register for the documentation of teaching plan, attendance of students and other activities done. Selection process of final year projects: Project coordinator is assigned to final year students who assign project guides to these student groups as per area of specialization of the faculty member. The students are encouraged to get company/college sponsored projects with innovative idea. Projects with market potential are considered and supported for development of new start-ups.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entrepreneurship	Skill Development
Plant Tissue Culture	-	02/08/2018	180	entrepreneurship	Yes
Campus recruitment test	Nil	20/07/2018	45	employability	Yes
soil and water analysis	Nil	10/07/2018	45	employability	Yes
E-commerce	Nil	25/07/2018	45	entrepreneurship	Yes
Basic technies in life scence	Nil	30/07/2018	45	employability	Yes

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
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Nil	Nil	Nil
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BSc	BIOTECHNOLOGY I	15/06/2016
BSc	BIOTECHNOLOGY II	15/06/2017
BSc	BIOTECHNOLOGY III	15/06/2018
BSc	ENTREPRENEURSHIP I	16/06/2016
BSc	ENTREPRENEURSHIP II	15/06/2017
BSc	ENTREPRENEURSHIP III	15/06/2018
BCom	Nil	15/06/2018

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

	Certificate	Diploma Course
Number of Students	11	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
Language lab	01/08/2018	58
ICT	06/08/2018	30
Web desining and multimedia	22/08/2018	32
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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
BSc	Biotechnology III	32
BSc	Entrepreneurship III	13
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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

The Feedback on the teaching and learning process is received from students, parents, alumni, employer and teachers. Feedback format is discussed in IQAC and approved by CDC. On the basis of feedback received along with curricular activities, effectively co-curricular and extra-curricular activities are planned and also communicated. Faculty members of our college are the member on BOS committee, with the help of BOS members syllabuses related suggestions are communicated with University. The Students can download the questionnaire from the website and drop their feedback in the feedback receiving boxes, finally the students can send the feedback online to the college. The received feedbacks are then analyzed by the IQAC and uploaded to the college website. The feedbacks received from the students are also forwarded to the Head of the institution with necessary suggestions for further action and improvement as per suggestions. Teachers provide informal as well as formal feedback to the head of the institution on different academic, administrative and affairs related to the college. The grievances from the teachers and students are received through the suggestion box fixed in the Principals office, to the Grievance committee of the college for the necessary action. Departments also receive feedback from parents through parent teacher meetings and discuss different issues related to the overall envelopment of their ward. The college has also the prepared the WhatsApp groups of parents and teachers for collecting online feedbacks on academic and infra structural facilities during the academic year 2017-2018. Considering the feedbacks on sport facilities, the organization has installed ladies gymnasium with all the sports equipments and also established separate computer lab with 40 computers in addition to the language lab. The books needed for MPSC/UPSC Examination , research journals, magazines are available in laboratory in addition to regular reference and text books. The college acknowledges the student feedback on the free education and decides to continue in future for the B.Sc. entrepreneurship students Vidyadan Yojana .Considering the feedback of students, College will make availability the ATM in the campus. For health checkup, Separate doctor has been appointed who visits twice a week to the campus, in medical emergency cases, separate 4 wheeler is kept ready 24x7 in the campus as per the students suggestions. on the Infrastructure Learning resources such as classrooms, library, laboratories, canteen, gymkhana, Examination section services offered by the college office .Analysis of Feedback: Data obtained in the feedback Analysis of Feedback: Data obtained in the feedback process was analysed with percentage analysis. Bar diagrams pie charts were used to present interpretation and findings of the feedback.

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
BSc	Entrepreneurs hip	180	80	80
BSc	Biotechnology	180	122	120
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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	Number of fulltime teachers available in the institution	Number of teachers teaching both UG and PG courses

			teaching only UG courses	teaching only PG courses	
2018	200	Nil	17	Nil	Nil

2.3 – Teaching - Learning Process

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

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used
17	17	8	3	1	12

[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)

Mentor-Mentee Committee regulates the overall mechanism of this activity. After the admission process, total enrolled students are divided into certain groups and for each group caretaker teacher (Mentor) is allotted. During the allotment, student-teacher ratio is taken into consideration. Student/Mentee is allotted to the teacher/Mentor for the whole academic year. Mentor has to look after the difficulties or problems which are creating disturbances in the learning process. Problems related to the academic or personal as well as domestic, which are solved at the maximum level using various troubleshooting skills. Students are judged by the mentor based on merit, punctuality, seminar, tests, interaction and discussion etc. The special programs are organized for the mentees by the mentors. Various methods of evaluation such as question answer session within lecture, home assignments, tests, seminars have been adapted to identify the abilities of the mentees and special assistance has been provided to such students in the form of reference books, journals, handwritten notes and by providing special library facilities. The mentees are encouraged and guided to appear for the competitive examinations, field based studies, skills displayed in extracurricular activities, seminar, debates, elocution etc. Students are inspired to solve the previous university question papers likely question papers, set by teachers and after the assessment, students are advised to refer the books as well as personal guidance counseling is provided for the mentees to overcome the stressful situations in the life. Mentee are given opportunity to suggest any up gradation in syllabus, library books, research journals, laboratory facilities, infrastructure, transportation, hygiene, food, accommodation, electricity, water supply, tree plantation, water conservation, tours/visits and family matters also. Suggestions given by the mentee are considered for discussion among teacher's meeting then Head of the Department puts positive response to the Principal. After going through the suggestions problems are solved by the management for making Teaching learning process effective. Psychological, Social, personal, family related matters discussed with mentee and mentees will be prepared to overcome the challenges which are becoming obstacle in the studies and career development.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
200	17	1:12

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
34	17	17	Nil	4

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	Nil	Nil	Nil
2019	Nil	Nil	Nil
View File			

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
BSc	BT	VI	02/11/2018	03/01/2019
BSc	BT	V	24/11/2018	03/01/2019
BSc	BT	IV	16/12/2018	22/01/2019
BSc	BT	III	06/12/2018	22/01/2019
BSc	BT	II	16/12/2018	22/12/2018
BSc	BT	I	14/11/2018	05/12/2018
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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

As per the guidelines of Government UGC, University has implemented reforms in continuous internal evaluation, CIE. All the colleges affiliated to Solapur University are mandatory to implement the same mechanism in colleges with regard to continuous evaluation. Examination committee does the planning of internal (College Assessment, CA) and external (University Assessment, UA) of college. Committee work for conducting meeting, examination schedules, notice display, preparation and collection of question papers, assessment, moderation, result declaration, grievance redressal, result communication etc. The college assessment i.e. Internal Evaluation is the determinative process of assessment in which students are assessed for regularity, behaviour, humanity, punctuality, participation in extra-curricular co-curricular activities etc. Severity college assessment is more valuable due to its impact on overall performance in the examination. Other than this, in formal method of assessment, student should appear for unit test, forth nightly tests, midterm term end examinations. This practice will help the students to improve the academic merits. Individual student's result analysis has been done subject-wise by the concerned teacher after every internal examination. Reports of the result analysis are submitted to the HODs. If the performance of the students in internal examination is found poor, then the concerned student is guided the concerned teacher for further improvement. This result analysis data also used to take remedial action for the slow and average learner students where as fast learner students are encouraged to target the university. Methodology used for assessment may be formative or summative. Due to effective implementation of this activity, college has maintained the successful result's historical tradition.

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

Prior to preparation of Academic calendar it is discussed with IQAC and then approval is taken from College Development Committee, CDC. The Academic Committee comprises of Principal, all the heads of the departments and faculty members of the college. Internal Evaluation Committee of the college prepares the draft time-table for the internal examination and submits to the academic

committee for the execution. The academic committee prepares the academic calendar giving the prime importance to the examination along with industrial visits seminars, guest lectures, and study tours etc. The academic calendar is prepared well in advance for the next academic session and it contains schedule of each event and the planned activities. Academic calendar carries the approximate schedules regarding teaching, examination, co-curricular activities, extra-curricular activities and other details of each semester. The academic calendar is displayed on notice board for information to students and staff. CIE is a continuous process implemented in the college for every class without fail. The schedule of University examination, assessment and revaluation work is also considered in the Academic calendar. The University declares the exam schedule as well as final time table on university website, two months one month before commencement of the actual semester exams respectively. Results are declared within one month to forty-five days after the examination. After declaration of the result, if there are any complaints of students regarding the marks obtained, then the students have the facility of revaluation/reassessment the answer sheets by paying prescribed fees to the university. Process of revaluation/reassessment is transparent and time bound as per the rules and regulation of the university.

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://lokmandalcolleges.org/admin/college_admin/events/Program%20Outcome.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
ENT	BSc	Entrepreneurship	13	13	100
BT	BSc	Biotechnology	32	32	100

[View File](#)

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://lokmandalsciencecollege.org/Docs/SSS%20Overall%20Feedback%20Analysis.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
Total	0	0	0	0

[View File](#)

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
Workshop on Tobacco Free Campus	Biotechnology and Entrepreneurship	28/09/2018
Workshop on Disaster Management and Defence	Biotechnology and Entrepreneurship	08/10/2018

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
No Data Entered/Not Applicable !!!				
View File				

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

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
No Data Entered/Not Applicable !!!					
View File					

3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
0	0	0

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

Name of the Department	Number of PhD's Awarded
Biotechnology	1

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

Type	Department	Number of Publication	Average Impact Factor (if any)
International	Entrepreneurship	1	2
View File			

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
NA	Null
View File	

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
Eco-friendly waterborne	Dr. Mandar S. Gaikwad	Polymer Bulletin, Springer	2018	4	Lokmangal Science	4

coating from biobased polyester amide resin					and Entrep reneurship College, Wadala, Solapur 413 222, India
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3.3.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
Eco-friendly waterborne coating from biobased polyester amide resin	Dr. Mandar S. Gaikwad	Polymer Bulletin, Springer	2018	Nil	4	Lokmangal Science and Entrep reneurship College, Wadala, Solapur 413 222, India

[View File](#)

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

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	4	Nil	Nil	Nil

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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
Kavi Kalidas Day Celebration	Lokmangal Science and Entrepreneurship College, Wadala	4	112
Solapur University Foundation Day	Lokmangal Science and Entrepreneurship College, Wadala	6	125
Annabhau Sathe Jayanti and Lokmanya Tilak Punyatiti	Lokmangal Science and Entrepreneurship College, Wadala	5	70
Teachers Day Celebration	Lokmangal Science and Entrepreneurship	4	120

	College, Wadala		
South Solapur, campaign at Pakani	Lokmangal Science and Entrepreneurship College, Wadala.	2	42
Savitribai Phule Jayanti	Lokmangal Science and Entrepreneurship College, Wadala.	4	53
Swami Viveknand and Jijau Jayanti	Lokmangal Science and Entrepreneurship College, Wadala.	3	60
NSS Special Camp	Solapur University, Solapur	4	22
International Womens Day	Lokmangal Science and Entrepreneurship College, Wadala.	5	125
View File			

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
NA	NA	NA	Nil
View File			

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

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
Aids Awareness	Lokmangal Science and Entrepreneurship College, Wadala	AIDS Awareness Rally at Nannaj	5	50
Swachh Bharat.	Lokmangal Science and Entrepreneurship College, Wadala	Village Cleaning	6	40
View File				

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
0	0	0	0
View File			

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

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
00	0	0	Nil	Nil	Nil
View File					

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
IQAC Cluster, Maharashtra	24/06/2018	Academic Development	3
View File			

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
33.18	31.6

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing
Class rooms	Existing
Laboratories	Existing
Seminar Halls	Existing
Classrooms with LCD facilities	Existing
Seminar halls with ICT facilities	Existing
Classrooms with Wi-Fi OR LAN	Existing
View File	

4.2 – Library as a Learning Resource

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

Name of the ILMS software	Nature of automation (fully or partially)	Version	Year of automation
Nil	Partially	0	2018

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	524	Nil	Nil	Nil	524	Nil
	2768	Nil	144	147842	2912	147842

Reference Books						
e-Books	289	Nil	41	Nil	330	Nil
Journals	2	Nil	Nil	Nil	2	Nil
e-Journals	10	Nil	Nil	Nil	10	Nil
CD & Video	85	Nil	Nil	Nil	85	Nil
View File						

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

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
Nil	NA	NA	17/08/2018
View File			

4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/GBPS)	Others
Existing	63	1	63	1	1	3	1	32	0
Added	0	0	0	0	0	0	0	68	0
Total	63	1	63	1	1	3	1	100	0

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

100 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
Recording Facility, Lecture capturing system (LCS)	https://www.youtube.com/watch?v=C2yU4zaz4_Q
Recording Facility, Lecture capturing system (LCS)	https://www.youtube.com/watch?v=Lrz1vnaIjSw
Recording Facility, Lecture capturing system (LCS)	https://www.youtube.com/watch?v=TgmtnDeRfvs

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	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical
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	facilities		facilities
14.39	13.71	44.6	42.48

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)

Most of the maintenance related matters are resolved using Annual Maintenance Contract, AMC basis. Our institute has established system procedures for maintaining utilizing physical, academic, support facilities - laboratories, library, sports, computers, classrooms etc. The college has separate committee for maintenance and repairs. The monthly budget requirement of college under the various heads like Laboratory, library, sports, computer, language lab, classrooms, NSS, cultural, etc. is prepared by the college and submitted to Management for sanction. The sanctioned amount is utilized for the purchase of chemicals, equipments, books, sports equipments, computers, etc. At least three quotations are invited from the vendors, and a comparative chart is prepared and it is submitted to secretary. The sanction amount is utilized for the purchase of books, chemical, equipments etc. Monthly report of the laboratory is invited regarding the status of chemicals and equipment etc. The equipments which are not working properly or also having problems are repaired by the experts under AMC. Whereas out dated chemicals are disposed safely. Separate log book is maintained for the equipment in laboratory. The librarian invites the requirement of books from the concerned teachers and the books are purchased with the prior permission of institute. The purchased books are catalogued with the accession number. The damaged books are either weeded or sent for binding. For the sports equipments, demands are invited from the physical director for indoor and outdoor games for the fulfillment with the permission of the institute. The gyms and sports equipments are properly maintained by the maintenance committee. The requirement of computers in the laboratories, library, Principal cabin, HOD cabin, language lab etc is fulfilled by the Principal with the prior permission of the institute. The out dated and useless e-waste is disposed. The institution maintained separate complaint book in which the complaints are registered. According to nature of complaint, the new commodities/items are purchased utilized. Similarly for the academic facilities, the demands are invited from the HOD/class teachers with respect to class room, laboratories, library, sports, computer, classroom (furniture, electric supply) etc. and the demand is fulfilled by the Principal. All the policies related to utilization and maintenance are uploaded on institutional website.

http://lokmandalcolleges.org/admin/college_admin/events/Maintenance%20and%20Utilization%20of%20Physical%20Facilities.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	Vidyadan Scheme	74	3583275
Financial Support from Other Sources			
a) National	Govt of Maharashtra	204	389960
b) International	Nil	Nil	0

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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
Singing Competition	26/09/2018	14	Cultural department of Institute
Basic Information Regarding Gmail	25/02/2019	59	ICT committee of College
Online Collaboration	11/12/2018	51	ICT committee of College
Personal Counselling and Mentoring	13/08/2018	196	Lokmangal Science Entrepreneurship College
Elocotion Competation	27/11/2018	16	Department of Language
.International Yoga Day Celebration	21/06/2018	95	Swami Vivekanand Kendra Solapur
National Sports Day	29/09/2018	64	Lokmangal Science Entrepreneurship College
Program on Awareness Of Handwashing	16/01/2019	94	Department National Service Scheme
.Basic Information Program Regarding MS-CIT	10/09/2018	64	ICT committee of College
Effective Use Of Microsoft Excel	20/02/2019	49	ICT committee of College

[View File](#)

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	Career Guidance Program	111	Nill	Nill	Nill
2018	Quiz On Interview Skills	123	Nill	Nill	Nill
2018	Guest lecture on How to prepare for FCI Exam	108	Nill	Nill	Nill

2018	Guest lecture on Personality Development	108	Nill	Nill	Nill
2018	Quiz on IBPS	123	Nill	Nill	Nill
2018	Guest lecture on How to prepare for FSSAI Exam	104	Nill	Nill	Nill
2018	Guest Lecture on How to prepare for MPSC.	92	Nill	Nill	Nill
2018	Quiz On Banking	94	Nill	Nill	Nill
2018	Guest lecture on Bioentrepreneur	Nill	78	Nill	Nill
2018	Guest lecture on Share Market	Nill	95	Nill	Nill
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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
1	1	3

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
Nil	Nill	Nill	ASTRO Pharm Hyderabad , Connect Business PVT Ltd., Tata Motors ,Pune (Bhosari) ,GBR ROBOCOLOR PVT Ltd Pune .	9	4

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

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
2018	3	B.Sc	Entrepreneurship	Attached	Attachment
2018	14	B.Sc	Biotechnology	Attached	Attachment

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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
GATE	1

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

Activity	Level	Number of Participants
Makar sankrant	College	94
Marathi bhasha din	College	95
Shivjanmotsav	College	126
Long Jump	Intercollegiate Competition	95
Anna Bhau Sathe Jayanti	College	126
Gandhi jayanti	College	124
Kavya Sammelon	College	25
Volley Ball	Intercollegiate Competition	44
Kho-Kho	Intercollegiate Competition	60

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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/ International	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2018	Maharashtra state inter-university sport meet kirda mahotsav-2018	National	1	Nil	1830	Ku. Radhika Sadavarte

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5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of

the institution (maximum 500 words)

The college has student council which has constituted as per the guidelines given by the Solapur University and Maharashtra Public University Act 2016 under section 40. The formation of student council is as under mentioned: 1) Chairman- Principal, 2) Teacher's Nominee, 3) NSS Officer, 4) Director of Physical Education, 5) One students representative of the entire course and all divisions according to merit, 6) One student representative from NSS, 7) One student representative from cultural activity, 8) One student representative from sports activity and 9) Two ladies students nominated by the Principal. Among the members of students council, one member is elected as a Secretary of the students council and her/his name is forwarded to the university as a college representative. The Secretary of the college student council is also considered as a member of university student council. The academic council is functional throughout the academic year. The members of the student's council are involved in arranging various academic and administrative activities in the college. The members of student council and other students take more or less active participation in the academic and administrative bodies of the college as per the needs as well as the rules and regulations of the university. Various activities performed by the students are as follows: Activities of student council: The student council shoulders many responsibilities as it is the connecting link between the college administration and students. The council conveys the demands to the authorities and suggests changes in some matters. The members take active participation in Youth festival, sports days, celebration of anniversaries and national festivals. The most important role of students is that they work as volunteers in conferences, sports events, discipline committee and other functions. The student's representatives work in various academic and administrative bodies of the college such as IQAC, College Magazine Committee, Library Association, Anti Ragging Cell, Women Cell, NSS, Sexual harassment Committee, University representative, Physical Education Committee and Campus Ministry have student representatives. Role of Student Representatives: To conduct competitions in Inter-collegiate meets Conduct Quiz Competitions on current affairs to arrange programmes in NSS Special Camps To arrange Environmental Study trip To give guidance to the students about enrolment in voting list To conduct awareness program about various social issues. Participation in such activities resulted in the upliftment of the students in terms of responsibilities, time management, work culture, community work, social commitment, vision, behaviour and discipline, leadership, morality, representation, their rights, national values.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

No

5.4.2 – No. of enrolled Alumni:

202

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

10100

5.4.4 – Meetings/activities organized by Alumni Association :

2

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)

It is possible to monitor the overall improvement of the institute for the President through the decentralization of authorities. The institute provides handiness with the top management hence the Principal, faculty members and non-teaching staff work together for the implementation of the quality work. At the college level, the decisions taken by the Principal are conveyed to the President for the finalization. While taking the decisions, the views of the faculties, non-teaching staff and students are considered. Every staff has particular responsibility along with teaching. They have rights to take decision. Monthly meetings are being arranged with management. Various subjects were discussed in general body meeting and special resolutions were passed. Example: 1. The preparation and responsibilities for the NAAC were assigned to various teaching and non teaching staff. As per the allotment of NAAC criterion, the chairman of criterion and their assistants carried out it successfully. Various committees were formed and given responsibilities including each and every person working in the institute. 2. The department of NSS organised the one day workshop on 'Disaster Management and Defence' on 8.10.2018 with the theme to develop self defence skills among the student. For carrying out of successful workshop various committees were formed such as Guest refreshment committee, student refreshment committee, registration committee etc. its responsibility given was given to various members working in the committee.

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

Yes

6.2 – Strategy Development and Deployment

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

Strategy Type	Details
Curriculum Development	As this college is affiliated college, the curriculum is designed and finalized by the respective board of studies of Punyashlok Ahilyadevi Holkar Solapur University, Solapur. Our some teachers are the members of Board of Studies in their respective subjects and they play vital role in improving their subject curriculum with new perspective of changing scenario of our contemporary world. Since last two years, the curriculum has been prepared as per CBCS pattern and implemented. After the approval by academic council, the syllabus is made available on the university website.
Teaching and Learning	Teaching methods like experiential learning, participative learning and problem solving are followed. Almost all teachers in addition, use ICT for effective teaching learning process. Language laboratory is used for teaching language and communication skills. The library is well provided with internet facility to the students

and also has electronic data on various topics. There is a microphotography facility in the department. Students are using audio-visual aids for better understanding based on pedagogy. The extra coaching is arranged for slow learners under the guidance of mentors from the beginning. The student-teacher ratio is satisfactory maintained in the college. Teachers students are allowed to argument with respect to pros cons of concepts as well as research findings.

Examination and Evaluation

As this college is affiliated college, the semester exams are conducted by the Punyashlok Ahilyadevi Holkar Solapur University. College conducts internal assessment of students according to the university guidelines. All the internal assessment process is carried out by the college which is based on transparent robust mechanism. Under the guidance supervision of college principal, schedule of the internal examination is designed. Within a specified time, concerned faculty member is informed to submit the question papers to the chairman of the committee. To maintain the secrecy and security of the question papers, question paper sets are kept in the custody of respective head. The college also conducts written tests, oral tests, projects, viva, quiz, model pictures, seminars, surprise tests, open book tests home assignment etc.

Research and Development

A Research Committee is appointed by the Principal of the College to strengthen and motivate the faculty members for improving and enhancing the standards of learning and research. The teaching staff is appraised, acknowledged and felicitated for their research paper publications in national and international journals during college Common Meetings, festivals and annual functions for encouragement and motivation.

Library, ICT and Physical Infrastructure / Instrumentation

The institute provides various infrastructural facilities for theory and practical. The laboratories are well equipped with instruments and chemicals. The class rooms are with ICT based facilities. The institute has its own play ground for various sports activities and Gymkhana. The botanical

garden and many lush green lawns are beautifying campus area. The central and departmental libraries make available the books, journals, magazines in various subjects to the students and staff. Computer lab, laboratory, some classrooms, seminar hall, examination cell, Principal office, administration office, account office, sports room, library, store room and hostel etc. have LAN facility with advanced software and electronic equipments for smooth working. Safe drinking water and uninterrupted electricity supply have been made available to the Boys and Girls hostel, staff quarter, mess and canteen.

Human Resource Management

The institute provides welfare schemes for health, finance, insurance, loan, training and study leave etc. for teaching and non teaching staff to maintain the work spirit. Institute encourages the faculty member to increase the skill by providing funds and duty leaves to attend workshops, seminars, training programs, etc. Sports Day, Traditional Day, Yoga Day, Women's Day etc. are organized for stress management and awareness. Quarters are provided for staff in college campus at very low rent. Employee's Provident Fund also provided to the employee of institute. Travelling facility is provided by institution with low charges. The institute has its own performance appraisal system for teaching and non teaching staff.

Industry Interaction / Collaboration

The industrial visits are organized for the students to acquaint with training and research. Students are exposed to Industrial environment to get acquainted with the industrial techniques. Students got familiarized with Design, Manufacturing, Testing and Analysis, Automation, Purchase procedures and Requirements, Materials, Machines, Processes, Products, etc. through industrial visits. The college has established MOUs with national institute and non government institutes.

Admission of Students

The students are admitted to the various classes on the basis of merit and as per the rules of Government of Maharashtra and Punyashlok Ahilyadevi Holkar Solapur University Solapur.

Before the admission process, the pamphlets and brochures are prepared and distributed among the students for counselling with the details regarding the subjects offered, fees structure and facilities available in the campus. Separate Admission committee carries out the process of admission. The students who are economically poor are admitted to college under 'Vidyadan' scheme.

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

E-governance area	Details
Planning and Development	Institute using Tally ERP 9, Email, Microsoft office etc. for planning and development purpose. Institute has purchased 'Soft Campus' software in order to enhance planning and development strategies. 'Soft Campus' software is still under development stage.
Administration	The College has a biometric system where teaching and nonteaching staff have to punch in and out while entering and leaving the Campus. This ensures scheduling and time management for various activities. The awareness among students is created through College website, Facebook page, Teachers-Parents Whatsapp Groups etc.. The College regularly enhances the Internet connectivity facility. CCTV cameras are installed in the college campus.
Finance and Accounts	Tally ERP9 Software applications are installed in order to facilitate Treasury transactions, management of Service Record of Faculties. Faculties and staffs' salaries are credited in the bank account directly.
Student Admission and Support	The data of students, admitted to the college is sent to the Punyashlok Ahilyadevi Holkar Solapur University Solapur for checking eligibility of student. Financially challenged students are allowed to get admission under 'Vidyadan Scheme' and 'Earn and Learn Scheme'.
Examination	Students are evaluated at college level (CA) and university level (UA). Internal assessment is transparent and robust in terms of frequency and variety. Mechanism to deal with examination related grievances is transparent, time-bound and efficient at both college and university level. Attainment of program outcomes, program

specific outcomes and course outcomes are evaluated by the institution continuously.

6.3 – Faculty Empowerment Strategies

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

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2019	Dr. Jagtap Kiran Dattatray	Indian Science Congress	Indian Science Congress Association	1000
2019	Dr. Gaikwad Mandar Subhash	Indian Science Congress	Indian Science Congress Association	1000
2019	Mr. Gortyal Ankush Satyanaryan	Indian Science Congress	Indian Science Congress Association	1000
2019	Miss. Kharatmol Ashwinni Masaji	Indian Science Congress	Indian Science Congress Association	1000

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6.3.2 – Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
No Data Entered/Not Applicable !!!						

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6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
No Data Entered/Not Applicable !!!				

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time

Nil	Nil	Nil	Nil
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6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Health check-up camp, casual leave, duty leave, medical leave, Mediclaim policy, travelling and staff quarter facility on concession basis, contribution for provident fund, financial support for attending workshop / conference / seminar / faculty development programme etc..	Health check-up camp, casual leave, duty leave, medical leave, Mediclaim policy, travelling and staff quarter facility on concession basis, contribution for provident fund.	Financial support under 'Vidyadan Scheme' to economical backward student, earn and learn scheme, health check-up.

6.4 – Financial Management and Resource Mobilization

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

The institute does the internal and external financial audit regularly for maintaining the transparency in the financial matter. The institution invites the annual budget from the college under different heads of expenditure. Internal audit of institute is carried out by auditors' team of "Lokmangal Group" quarterly. External audit of institution is carried out by the registered/approved Chartered Accountant, CA at the end of every financial year. The last audit of the Institution was done at end of the financial year 2017-18. Regular meetings are conducted to maintain the status of expenditure under each budget Head as per sanction letter. Fund allotment and disbursement through schemes is regularly checked and recommended to the Accounts Office through Principal. Timely submission of audited Statement of Expenditure, Utilization Certificate, Certificate of Assets Acquired and Purchase of Library Books and Journals is executed well within the time. The review of audited statements of the institute is taken regularly and policies of fund mobilization are decided.

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
NA	0	NA
No file uploaded.		

6.4.3 – Total corpus fund generated

0

6.5 – Internal Quality Assurance System

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	No	Nil	No	Nil
Administrative	No	Nil	No	Nil

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

Parent-Teacher interaction was organized in October 2018 in order to provide a platform through which the parents can interact and share their concerns with the faculty members directly. This interaction helped the faculty members to understand the students better and provided valuable feedback to enhance the teaching learning process in the college. To enhance communication between Parent and Teacher it is decided to create class wise Whatsapp Groups. In these Whatsapp groups progress of student is informed to parents by mentor.

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

1. Training for Soft Campus Software handling. 2. Training on Use of Excel for computing data. 3. Training on Data feeding on various government portals.

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

1. Proposals submitted to the government for starting new UG and PG courses in new academic year i.e. B.com, M.Sc. Biotechnology and M.Sc. Entrepreneurship. 2. Follow-up of 12 (B) UGC recognition. 3. Provided safe drinking water and uninterrupted electricity supply to the Boys and Girls hostel, staff quarter, mess and canteen.

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	Participation in State Level Seven Days Faculty Development Programme for IQAC coordinators and Members	16/06/2018	24/06/2018	30/06/2018	2
2018	Industrial Visit to Srujan Foods Solapur	16/06/2018	23/08/2018	23/08/2018	34
2018	Workshop on 'Tobacco Free Campus'	16/06/2018	21/09/2018	21/09/2018	170
2018	Workshop on 'Disaster Management and Defence'	16/06/2018	08/10/2018	08/10/2018	178
2018	NAAC PTV	16/06/2018	24/09/2018	25/09/2018	223

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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
Celebrating Teachers Day.	05/09/2018	05/09/2018	55	39
Celebrating Krantijyoti Phule birth anniversary.	10/01/2019	10/01/2019	51	45
Celebrating Swami Vivekanandanad and Rajmata Jijau birth anniversary.	13/01/2019	13/01/2019	49	39
Worlds Women's Day.	08/03/2019	08/03/2019	49	49
Farewell function 2018 - 2019.	18/03/2019	18/03/2019	39	45
Celebrated International Yoga Day.	21/06/2019	21/06/2019	49	39
Gurupornima	17/07/2019	17/07/2019	49	45
Gender equality in Education	10/01/2019	10/01/2019	45	60
Challenges of Women in work place	02/02/2019	02/02/2019	65	61
gender discrimination low in India	21/02/2019	21/02/2019	54	43
Equal Rights to men and Women	20/03/2019	20/03/2019	49	49

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

Environmental Consciousness and Sustainability is taken care of by the institute through different strategies. Campus of the institute is well constructed and well ventilated to reduced use of electricity during day time. Windows of the building are of a large size for flow of natural ventilation and adequate supply of natural light near about 70 electricity is generated through the solar energy. The institute purchase LED tube lights for low consumption of electricity on the campus. As a part of environmental consciousness institution

organizes tree plantation drives, campus cleanliness drives involving students in the activities. The institute has designed waste management policy and accordingly, waste is segregated into waste and drive waste and disposed accordingly. The students are actively participated in biogas production, decomposing and vermi-composting to awareness about waste management system. The institution has developed green belts on the campus which has created natural environment. The sewage on the campus disposal designed is as per scientific methods using Effluent Treatment Plant (ETP) and treated water is used for watering the ornamental plants and garden lawn.

7.1.3 – Differently abled (Divyangjan) friendliness

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

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2018	Nil	1	02/10/2018	1	Gandhi Jayanti and Swachh Bharat Avhiyan	Social awareness for cleanliness in villages	30
2019	Nil	1	25/01/2019	1	Voters Day	Vote awareness rally	50
2018	Nil	1	12/02/2018	1	AIDS Day	Aids awareness rally	40
2018	Nil	1	12/03/2018	1	NSS Programme	Tree Plantation	40

[View File](#)

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

Title	Date of publication	Follow up(max 100 words)
staff administration	11/01/2017	MAHARASHTRA ACT No. VI

		OF 2017 (First published, after having received the assent of the Governor in the "Maharashtra Government Gazette ", on the 11th January 2017)
students	16/07/2018	<p>1. Every student shall attend classes regularly and punctually</p> <p>2. Students shall be clean and decorous in proper uniform with ID card, language and behaviours</p> <p>3. Smoking, use of alcohol, drugs and playing cards are strictly prohibited</p> <p>4. When classes/practical's are in session, students shall not enter or leave the class rooms/laboratories without the permission of the teachers concerned</p> <p>5. Attendance will be taken at the beginning/end of each period.</p>
SYSTEM ADMINISTRATOR	16/07/2018	<p>1. To maintain the network and PCs.</p> <p>2. To allocate login and passwords to students and staff.</p> <p>3. To attend any complaints received from students and staff regarding PC or the network.</p> <p>4. To maintain peripherals like printers, scanners etc. In serviceable condition all time.</p> <p>5. To assist the management in procurement of hardwares, softwares and equipments</p> <p>6. To ensure back up of critical information regularly and at specific intervals.</p> <p>7. To maintain discipline in the lab and the server room.</p> <p>8. To dispose of write off items in accordance with the procedure laid down by PRES.</p> <p>9. To maintain internet connectivity and take steps to prevent misuse.</p>

LAB INSTRUCTOR	16/07/2018	<p>1. To draw the schedule for the students and display on the board. 2. To record and maintain their attendance of the students. 3. To ensure discipline of the students in the laboratory. 4. To assist students in practicals in the laboratory. 5. To conduct lab examination as and when required. 6. To assist the system administrator to maintain the network and the computers. 7. To assist the faculty member in conducting lab session of their students. 8. To maintain continuous assessment records of students in respective term work. 9. To check at least once in a week working of instruments and equipments under laboratory.</p>
PLACEMENT OFFICER	16/07/2018	<p>i. Prepare a data bank of potential industries for placements and keep updating ii. Initiate correspondence with industries and organize recruitment process for placements. iii. Organize HR meet to strengthen rapport with corporate world. iv. Organize printing of placement Brochures / soft copies of information regarding students placements. v. Obtain feedback from industries regarding strength and weakness of students who have been placed finally. vi. Grooming the students for placements by organizing soft skill trainings. vii. Counselling of students of students regarding emerging areas of job opportunities . viii. Organize talks by experts to motivate students to seek job</p>

		opportunities in emerging areas.
LIBRARIAN	16/07/2018	<p>1. To prepare and issue of Library cards to students and staff. 2. To follow up return of books issued to students and staff members. 3. To update and maintain files of paper cuttings. 4. To take care of library automation and update the same from time to time. 5. To carry out 100 annual verification prepare list of book which outdated and damaged beyond use. 6. To regularly under take binding of books which are damaged. 7. To see that library is in a presentable and tidy condition at all the time. 8. To attend to problem of the staff members , if any and redress the same promptly.</p>

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Celebrating world plantation day	01/07/2018	21/06/2019	52
Rally on plastic free campus	15/08/2018	15/08/2018	35
Blood donation camp organised by NSS department	08/09/2018	08/09/2018	68
Programm on Tobacco free Campus	26/09/2018	26/09/2018	65
Awareness programm , on stock market and mutual funds	10/01/2019	10/01/2019	44
celebrating national voters day	25/01/2019	25/01/2019	58
celebrating international Yoga day	21/06/2019	21/06/2019	67
celebrating 20th Anniversary of Kargil vijay diwas.	26/07/2019	26/07/2019	54

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

Soil conservation: Every year take program of plantation which reduce the soil erosion Enhance the soil health: reduce pesticide use and provide habitat for beneficial organism , beneficial insects that contribute biological control or pest organism can be harmed by the application of broad spectrum pesticide . carefully planning and the timing application method and quantity of manure compost and other fertilisers will allow you to meet crop nutrient demands and minimize nutrient excess. cover crops contributes numerous benefits to soil health.

Plantation: The NSS students and staff members of the college are inspired by the college principal for plantation in the college campus like at Lake Site, lord, library, ITI, Biotechnology and Entrepreneurship, etc. **Biodiversity Walk:** The Biodiversity Walk is organized for the students and staff members by the college during the monsoon and post monsoon periods. The students are inspired to have the photographs of plants and animal species. **Plastic free campus:** The plastic containers which are bio un-degradable generated by the cafeteria in the form of cups, bags, empty pouches etc. are collected and dumped in pits by the NSS volunteers as well as students. Frequently this process is repeated and the campus is made plastic free. **Landscape gardening:** The landscape gardens are developed in the campus with ornamental plants like herbs, shrubs and trees. Some shade trees are also planted along the road side as well as near the buildings. This helps to develop green cover in the campus.

Transportation: Majority of our students and staff are inspired to use bicycle to reduce the pollution and protect the environment. The student and staff members use pedestrian friendly roads approaching to the library, play ground and hostels. **Use of solar and Biogas energy:** Majority of requirement of energy is used from solar and biogas renewable resources like solar plant, solar street light , biogas, solar water heater. the implementation of biogas technology has great potential of mitigating several problems related to the ecological imbalance minimize crucial fuel demand, The key role of this renewable energy resources is, reduces the environmental pollution. **Recycling of water :** Average treatment of water per day 15,000 litres, Water lifting from sewage treatment plant in one month - 170000 litres, treated water used for the , agricultural activity , construction activity, play ground maintenance , for gardening.

Solid Waste management: Solid waste generated through the mess, canteen, garden and agriculture waste is collected in dust bins and gathered periodically by vehicle. Campus waste is disposed in an eco-friendly manner avoiding pollution. Wet and biodegradable waste is used for vermicompost project. Vermicompost is used as a fertilizer for the plants in the campus. The kitchen waste is also used for the biogas plant. **Liquid Waste management:** The liquid waste generated through the hostels and mess is channelized to ETP through pipes where it is purified using Grit removal? Aeration tank? Clarifier? Anaerobic digester? Sand filter? Activated carbon filter and H₂O₂ dosing. Purified water is used for irrigation of garden plants. **E-Waste management:** The electronic equipments are repaired and reused as per the need, this helps to reduce the e-waste up to some extent. The refilling of printer toner cartridges is outsourced enabling their reuse. All stakeholders encouraged to use online data storage applications rather than using CDs/DVDs/Pen drives. Disabled computers, printers and other electronics are separated for e-waste scrap vending. The institute makes audit of PC's, electronic instruments after expiry and enable proper disposal of e-waste. College takes maximum efforts to minimize e-waste material generation and recycling.

Rooftop rain water harvesting- The rain water from the roof tops is harvested

through the pipe it is transferred for recharging bore well. The rain water collected is filtered using mesh to remove floating material and other waste. Before recharging the bore well, the water is passed through bricks masonry filled with pebble, gravel and sand. The bore water is used in the washrooms and for watering the plants in the campus and garden. Open space rain water harvesting- The Institute has implemented concept of rain water harvesting through constructing check tank in the huge campus. The stored rain water is used for irrigating plantations in campus as well as for orchards (Mango, Ber, Tamarind, and Amla). Dug wells are recharged during rainy season by constructing small bunds and channelizing the water to the well.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

(A) Best Practice-I 1. Title: Biodiversity Audit of the campus 2. Objective- List out the flora and fauna with their scientific names from the campus. Biodiversity documentation of college campus was carried out through participation of students. The students were instructed to survey the plants from the campus according to their local name during the rainy season, had the photographs of flowering plants of PC size. After that the students were suggested to give the scientific names to the plants and then categorized them as herb, shrub, trees, xerophytes, succulents, hedge plants etc. Similarly the students were also suggested to record the most common insects, birds and animals occurring in the campus with their common name and scientific names, such as Boerhavia coccinea, Spathodea companulata, Erythrina indica, Bahunia purpurea, Canis, deer, non poisonous and poisonous snake, black buck. After listing, the plants were categorized in to herb, shrub and trees. The herbs were further classified in to annuals biennials and perennials. The shrubs were classified in to foliage and flowering shrub, the large trees were as flowering and foliage trees. The large trees were again classified in to shade trees, road side trees. The name plates of large trees were prepared with the scientific name of plants and the name plates were fixed to the trees. The plants in the garden were also categorized in to hedge plants, edge plants. Botanical gardens are maintained in the campus such as garden of medicinal plants, formed garden in the campus with hedges. The hedges are trimmed regularly. There are some medicinal plants which are not found in Solapur district. B) Best Practice II: Format for Presentation of Best Practices 1. Title of the Practice This title should capture the keywords that describe the practice. Industrial Exposure and Guest Lectures 2. Objectives of the Practice What are the objectives / intended outcomes of this "best practice" and what are the underlying principles or concepts of this practice (in about 100 words)? • Students are exposed to Industrial environment to get acquainted with the industrial techniques. • Students get opportunities to work with supervisory staff, Industrial workers and to understand their habits, attitudes and approaches to problem solving. • Students got familiarized with Design, Manufacturing, Testing and Analysis, Automation, Purchase procedures and Requirements, Materials, Machines, Processes, Products, etc. • Students could understand and find the solutions to the problems that were encountered when the size and scale of operations was increased in industry. • Students got opportunity to apply the Technical Knowledge acquired through academic studies in problem solving.

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

http://lokmangalcolleges.org/admin/college_admin/events/Best%20Practices.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

Soil and Water Testing Laboratory: Vision: 1) To provide scientific basis to the farmer for enhancing and sustaining productivity of soil resource with minimal environmental degradation and also sustaining higher crop productivity and better soil health through basic research and technological interventions" with following objectives. 2) To carry out basic and strategic research on soils especially physical and chemical processes related to management of nutrients and water. 3) To develop advanced technology for sustainable systems of input management in soils which are efficient and least environmental polluting. 4) To develop expertise and backstop other organizations engaged in research on agriculture and soil environmental concerns. 5) To exchange information with experts engaged in similar pursuits through group discussions. 6) To collaborate with State Agricultural Universities, National, International Research Organizations in the fulfillment of the above objectives. 7) To develop database repository of information on soils in relation to quality and productivity. Priority 1) To accomplish the vision of the Lokmangal Science and Entrepreneurship College, Wadala - it gives the highest priority to soil health issues faced by farmers is based on "Farmers First". It would concentrate on the following key areas. 2) The institution has static lab and mobile soil testing van to find out soil health. For this the labs are functioning from the year 2015 to till the date and about 42895 soil samples have been analyzed from Solapur and Osmanabad region. 3) To find out the impaired soil quality due to the deterioration of soil physical and chemical conditions, low organic matter and increased level of some nutrient deficiencies were the main factors lowering the productivity of major crops. 4) To find out the carbon appropriations in the context of sustainable management of land and soil resources. 5) To suggest the importance of organic farming in certain areas for selected crops. 6) Improving applied nutrient and water use efficiency in different production systems. 7) Needs to have a supposed understanding about the cause and effect relationship in soil and food contamination with heavy metals and pesticides to suggest explanatory options. Laboratory Goals 1. Enhancing nutrient use efficiency 2. Enhancing water use efficiency 3. Enhancing and sustaining soil and produce quality 4. Climate change and carbon sequestration 5. Minimizing soil pollution Thrust area of Laboratory: As per the soil testing report farmers were recommend to utilize efficient organic wastes and indigenous minerals. Farmers were suggested to use optimum fortified fertilizers to avoid the formation of barren land/farms. Efficient laboratory facilities should be utilized for multidisciplinary research and national as well as international collaboration for conditioning the soil health significantly. For maintaining the soil biodiversity and ecosystem, the excess use of chemicals/xenobiotics as fertilizers and pesticides should be avoided. These sustainable practices would work for bioremediation and phytoremediation to avoid soil and water pollution efficiently.

Provide the weblink of the institution

http://lokmandalcolleges.org/admin/college_admin/events/Institutional%20distinctiveness.pdf

8.Future Plans of Actions for Next Academic Year

The Academic Calendar would be prepared striving for the excellence considering the working days of the academic year as per the Affiliating University and it would be more 'action-oriented', especially as per the needs of Departments. Teaching plan would be prepared for term or semester wise and the syllabus would be completed within time. The industrial visits will be scheduled, so as to bridge the gap between classroom teaching and industrial requirements. Seminars and internal examinations for students would be scheduled as a part of college assessment in addition to guest lectures. National days and Anniversaries of great leaders would be celebrated as per the schedule. More activities of Social

Outreach would be organized like, blood donations camps, plantation drives, environment awareness events etc. The sport activities and Yoga for the students would be given priority. The college will try to provide the free lodging and boarding facilities to the students of B Sc Entrepreneurship students through Vidyadan Yojana and partial concession in tuition fees to the B Sc Biotechnology students. The college is planning to introduce the PG courses like M Sc Biotechnology and Entrepreneurship with designing the syllabus and also the B. Com faculty from the next academic year with the prior permission of Govt. Maharashtra and Solapur University. Inclusion of B. Sc. Entrepreneurship syllabus in the list of UGC curriculum and taking the follow up of 12(B) proposal from UGC will be taken in to consideration on priority basis. The institute is planning to develop incubation centre in the campus. The college is planning to conduct the University level youth festival in the campus. Formation of IQAC as per the NAAC guidelines would be preferred shortly. Appointment of new faculties, purchase of new books, instruments and also arrangements of industrial visit will be given preference in the future. Shifting of this college in a new building will be done as per the management order. Submission of online IQAR for the year 2018-19 would be strictly followed.