



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://lokmanjalsciencecollege.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://lokmanjalsciencecollege.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
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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
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15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to	Yes
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assess the functioning ?	
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 description and a list of modules currently operational (maximum 500 words)	<p>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. 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 for the increment of the faculties. Institute has also purchased 'Soft Campus' software in order to enhance planning and development strategies. 'Soft Campus' software is still under development stage. 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</p>

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

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 he/she 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), overhead projector, LCD projector, PPT presentation 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. 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. 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, work load chart, teaching plan, syllabus covered, syllabus completion report, attendance report, transferances, 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. Our college has been accredited as " B " grade by the NAAC in 2018-19.

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
No Data Entered/Not Applicable !!!					

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
No Data Entered/Not Applicable !!!		
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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	15/06/2018
BSc	ENTREPRENEURSHIP	15/06/2018

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

	Certificate	Diploma Course
Number of Students	0	0

1.3 – Curriculum Enrichment

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

Value Added Courses	Date of Introduction	Number of Students Enrolled
No Data Entered/Not Applicable !!!		
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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
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	No
Employers	No
Alumni	No
Parents	No

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

Feedback Obtained
<p>The Feedback on the teaching and learning process is received from students as Students Satisfactory survey based on a structured questionnaire prepared and approved by the IQAC of this college. 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 forms 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 development of their ward. The college has also prepared the WhatsApp groups of parents and teachers</p>

for collecting online feedbacks on academic and infra structural facilities during the academic year 2018-2019. 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 college acknowledges the student feedback on the free education and decides to continue in future for the B Sc entrepreneurship students. 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.

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	Biotechnology	180	122	120
BSc	Entrepreneurship	180	80	80

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2.2 – Catering to Student Diversity

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

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2018	200	0	17	0	0

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)

After the admission process, total enrolled students are divided in to certain groups and for each group a caretaker teacher 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 all the difficulties or problems which are creating disturbances in the learning process. Problems may be 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 the 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.

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

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	0	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
No Data Entered/Not Applicable !!!			
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2.5 – Evaluation Process and Reforms

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

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
BSc	BT	I	14/11/2018	05/12/2018
BSc	BT	II	16/12/2018	22/12/2018
BSc	BT	III	06/12/2018	22/01/2019
BSc	BT	IV	16/12/2018	22/01/2019
BSc	BT	V	24/11/2018	03/01/2019
BSc	BT	VI	02/11/2018	03/01/2019
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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. All the colleges affiliated to Solapur University are mandatory to implement the same mechanism in colleges with regard to continuous evaluation. The college assessment i.e. Internal Evaluation is the determinative process of assessment in which students are

assessed for regularity, behavior, humanity, honourarity, punctuality, participation in extra-curricular co-curricular activities etc. Severity of 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 the internal examination is found poor, then the concerned student is guided by the concerned teacher for further improvement. This result analysis data is also used to take remedial action for the slow and average learner students where as fast learner students are encouraged to target the university ranks.

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

Yes. Academic calendar is prepared. 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 of 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://lokmandalsciencecollege.org/Docs/Biotechnology%20Program%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
BT	BSc	Biotechnology	32	32	100
ENT	BSc	Entrepreneurship	13	13	100

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2.7 – Student Satisfaction Survey

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

<http://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

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3.2 – Innovation Ecosystem

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

Title of workshop/seminar	Name of the Dept.	Date
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 !!!				

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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 !!!					

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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

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

Department	Number of Publication
NA	0

[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 coating from biobased polyester amide resin	Dr. Mandar S. Gaikwad	Polymer Bulletin, Springer	2018	4	Lokmangal Science and Entrepreneurship College, Wadala, Solapur 413 222, India	4

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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	0	4	Lokmangal Science and Entrepreneurship College, Wadala, Solapur 413 222, India

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

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	4	0	0	0

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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
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International Womens Day	Lokmangal Science and Entrepreneurship College, Wadala.	5	125
NSS Special Camp	Solapur University, Solapur	4	22
Swami Viveknand and Jijau Jayanti	Lokmangal Science and Entrepreneurship College, Wadala.	3	60
Savitribai Phule Jayanti	Lokmangal Science and Entrepreneurship College, Wadala.	4	53
South Solapur, campaign at Pakani	Lokmangal Science and Entrepreneurship College, Wadala.	2	42
Teachers Day Celebration	Lokmangal Science and Entrepreneurship College, Wadala	4	120
Annabhau Sathe Jayanti and Lokmanya Tilak Punyatiti	Lokmangal Science and Entrepreneurship College, Wadala	5	70
Solapur University Foundation Day	Lokmangal Science and Entrepreneurship College, Wadala	6	125
Kavi Kalidas Day Celebration	Lokmangal Science and Entrepreneurship College, Wadala	4	112
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3.4.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
NA	NA	NA	0
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3.4.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
Swachh Bharat.	Lokmangal Science and Entrepreneurship College, Wadala	Village Cleaning	6	40

Aids Awareness	Lokmangal Science and Entrepreneurship College, Wadala	AIDS Awareness Rally at Nannaj	5	50
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3.5 – Collaborations

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

Nature of activity	Participant	Source of financial support	Duration
Academic Development	3	Shriram Gramin Sanshodhan Va Vikas Pratishthan	7
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3.5.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
No Data Entered/Not Applicable !!!					
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
400000	365000

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
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4.2 – Library as a Learning Resource

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

Name of the ILMS software	Nature of automation (fully or partially)	Version	Year of automation
No Data Entered/Not Applicable !!!			

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	524	0	0	0	524	0
Reference Books	2768	0	210	156842	2978	156842
e-Books	289	0	0	0	289	0
Journals	2	0	0	0	2	0
e-Journals	10	0	0	0	10	0
CD & Video	85	0	0	0	85	0
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4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
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	7	0
Added	0	0	0	0	0	0	0	25	0
Total	63	1	63	1	1	3	1	32	0

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

32 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 facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
225000	212500	450000	405000

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)

There are 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 the 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 venders, 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. Whereas out dated chemicals are disposed safely. The 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 has maintained separate complaint book in which the complaints are registered. According to nature of complaint, the new commodities/items are purchased and 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.

<http://www.lokmangalsciencecollege.org/Docs/Laboratory.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	Rajarshi Chhatrapati Shahu	186	4849280

	Maharaj Shikshan Shulkh Shishyavrutti Scheme, Govt of India, Post Matric Scholarship		
Financial Support from Other Sources			
a) National	Nil	0	0
b) International	Nil	0	0
View File			

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 implementation	Number of students enrolled	Agencies involved
Remedial coaching	14/12/2018	30	Shriram Gramin Sanshodhan va Vikas Pratishthan
Yoga	21/06/2018	200	Swami Vivekananda Kendra, Solapur
Personal Counselling and Mentoring	17/07/2018	150	Lokmangal Science Entrepreneurship College
Soft skill development	03/01/2019	45	Lokmangal Science Entrepreneurship College
Language lab	20/08/2018	45	Lokmangal Science Entrepreneurship 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 passed in the comp. exam	Number of students placed
2018	Career Guidance Cell	29	29	0	1
View File					

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

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
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	0	0		8	7
View File					

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	22	B.Sc	Biotechnology	Attached	Attachment
2018	2	B.Sc	Entrepreneurship	Attached	Attachment
View File					

5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
SET	1
View File	

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

Activity	Level	Number of Participants
Kho-Kho	Intercollegiate Competition	190
Volley Ball	Intercollegiate Competition	67
Kavya Sammelon	Intercollegiate Competition	25
Gandhi Jayanti	Intercollegiate Competition	146
Anna Bhau Sathe Jayanti	Intercollegiate Competition	169
View File		

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	National	1	0	1830	Ku. Radhika Sadavarte

meet kirda mahotsav-2 018				
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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 enrollment 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, behavior and discipline, leadership, morality, representation, their rights, national values etc.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

No

5.4.2 – No. of enrolled Alumni:

200

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

10000

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

	<p>all teachers in addition, use ICT for effective teaching learning process.</p> <p>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.</p>
<p>Examination and Evaluation</p>	<p>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.</p>
<p>Research and Development</p>	<p>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.</p>
<p>Library, ICT and Physical Infrastructure / Instrumentation</p>	<p>The institute provides various infrastructural facilities for theory and practical. The laboratories are</p>

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	<p>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.</p> <p>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.</p>
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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
State Level Seven Days Faculty Development Programme for	2	24/06/2018	30/06/2018	7

IQAC coordinators and Members

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
0	0	0	0

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 at the end of every financial year. The last audit of the Institution was done at end of the financial year 2018-19.

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		Yes	IQAC

Administrative	No		Yes	IQAC
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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

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
On the occasion of World Womens Day Guest lecture delivered by Harshda patil on women respect.	08/03/2019	08/03/2019	33	41
On the occasion of Jijau Jayanti guest lecture by shri Madgonda Pujari .	12/01/2019	12/01/2019	43	55
On the occasion of Savitribai Phule Jayanti guest lecture by smt. K.M.Shaikh on Charcters	03/01/2019	03/01/2019	90	81

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
60

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	0
Provision for lift	No	0
Ramp/Rails	Yes	0
Braille Software/facilities	No	0
Rest Rooms	Yes	0
Scribes for examination	Yes	0
Special skill development for differently abled students	Yes	0

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to	Number of initiatives	Date	Duration	Name of initiative	Issues addressed	Number of participating
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	address locational advantages and disadvantages	taken to engage with and contribute to local community					students and staff
2018	0	1	02/10/2018	1	Gandhi Jayanti and Swachh Bharat Avhiyan	Social awareness for cleanliness in villages	30
2019	0	1	25/01/2019	1	Voters Day	Vote awareness rally	50
2018	0	1	12/02/2018	1	AIDS Day	Aids awareness rally	40
2018	0	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)
No Data Entered/Not Applicable !!!		

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
On the occasion of swami vivekanand jaynti guest lecture by shri madgonda pujari on Duties and Responsibilities of Youth.	12/01/2019	12/01/2019	55
View File			

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

Tree Plantation
Plastic Free Campus
Recycling of Water
Use of Solar and Bio-gas Energy
Water Conservation
Soil Conservation
Enhance the Soil Health

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://lokmandalsciencecollege.org/Docs/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://lokmandalsciencecollege.org/Docs/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.