

NAAC Institutional Quality Sustenance and Development Survey

(2012-13)

1. Kindly provide the details of the institution

Name of Institution:	Walchand College of Arts and Science, Solapur
Year of Establishment of Institution:	1962
Address Line 1:	Walchand Hirachand Marg
Address Line 2:	Ashok Chowk
City/Town:	Solapur
State:	Maharashtra
Postal Code:	413 006
E-mail Address:	<u>principalwcas@yahoo.co.in</u>

2. NAAC Accreditation / Reaccreditation Details:

Year of Accreditation/Reaccreditation:	Reaccreditation January, 2011
Current Grade:	A
CGPA:	3.15

3. Institutional Status:	Private Govt. Aided Minority College
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4. Contact Person Details

Name of Head of Institution: Prin. Dr. A.H. Manikshete
Contact Phone: (0217) - 2651863
Email: principalwcas@yahoo.co.in
Website URL: www.wcassolaopur.com

Name of IQAC Co-ordinator: Mr. R.V. Hippargi
Email: appuratna@rediffmail.com

Section I:

5. Number of academic programmes existing

Undergraduate (B.A./B.Sc./B.Com etc.):	02
Post Graduate (M.A. /M.Sc. /M.Com. etc):	03
Research Programmes (M.Phil./Ph.D.):	02
Certificate Programmes:	05
Professional Programmes (B.Tech./M.Tech./B.Ed./ M.Ed./Medicine/Pharmacy/Paramedical/Nursing):	00
Other value added programmes:	03
Any other programmes offered (specify):	04

(YCMOU)

6. Details on programme development:

New Programmes added during the year: **01**

New programmes designed: **01**

Programmes under revision: **04**

Interdepartmental collaborative programmes: **03**

Inter-institutional collaborative programmes: **00**

Number of review committee recommendations:
Implemented (Total): **03**

Number of NAAC Peer team recommendations
Implemented: **02**

Number of UGC/any other expert committee
recommendations implemented: **00**

Number of review committee
recommendations under implementation: **00**

Number of NAAC Peer Team committee
recommendations under implementation: **02**

Number of UGC/any other expert committee
recommendations under implementation: **00**

7. Faculty Details:

Total faculty strength required as per norms for all programmes: **68**

Total faculty on rolls: **68**

Faculty added during the year: **04**

Faculty positions vacant: **00**

Faculty left during the year: **00**

Total number of visiting faculty: **14**

Total number of guest faculty: **08**

8. Qualification of Faculty:

Ph.D. and above: **29**

M.Phil. **13**

Masters: **03**

Any Other (specify): **NET/SET/GATE: - 23**

9. Faculty Qualification improvement:

Ph.D. awarded to existing faculty: **03**

M.Phil awarded to existing faculty: **00**

Any other degree awarded to existing faculty: 00

10. Administrative staff details:

Administrative staff (Total Sanctioned): 57

Administrative staff (Actual Strength): 48

Added during the year of reporting: 07

Left during the year: 00

Number of posts vacant: 09

11. Technical support staff:

Technical support staff (Total Sanctioned strength): 00

Technical support staff (Actual strength): 03

Added during the year: 00

Left during year: 00

Number of posts vacant: 00

SECTION II

13. Composition of IQAC (22)

Number of IQAC Members: 22

Number of Alumni in IQAC: 01

Number of students in IQAC: 01

Number of faculty in IQAC: 12

Number of administrative staff in IQAC: 03

Number of Technical Staff in IQAC: 01 (Joshi)

Number of Management Representatives: **02**

Number of External Experts in IQAC: **01**

Number of any other stakeholders and
Community representatives in IQAC: **02**

14. IQAC Meetings:

Number of IQAC meetings held during the year 2012-13: **05**

**15. Whether Calendar of activities of IQAC formulated for the
academic years: Yes**

16. IQAC Plans for Development (Enter a number; 0 or nil)

Number of academic programmes proposed: **05**

Number of value added programmes proposed: **10**

Number skill oriented programmes proposed: **05**

Number of faculty competency and development programmes proposed:
05

Number of other staff development programmes proposed: **05**

Number of student mentoring programmes proposed: **05**

Number of co-curricular activities proposed: **20**

Number of interdepartmental cooperative schemes proposed: **10**

Number of community extension programmes proposed: **50**

Any other programmes proposed (specify): **05**

**17. IQAC Plans for development and implementation (Enter a
number 0 or nil):**

Number of academic programmes implemented: **06**

Number of value added programmes implemented:	15
Number skill oriented programmes implemented:	10
Number of faculty competency and development programmes implemented:	10
Number of other staff development programmes implemented:	15
Number of student mentoring programmes implemented:	05
Number of co-curricular activities implemented:	30
Number of interdepartmental cooperative programmes implemented:	10
Number of community extension programmes implemented:	70
Any other suggested that are implemented (specify):	10

18. IQAC Seminars and Conferences (Enter a number 0 or nil):

Number of seminars/Conferences/workshops organized by IQAC within the institution:	07
Number of participants from the institution:	210
Number of participants from outside:	277
Number of external experts invited:	25
Number of external conferences/Seminars/workshops on institutional quality attended	01
Number of events conducted with IQACs of other institutions as collaborative programmes:	03

19. Did IQAC receive any funding from UGC during the year:

No

20. If the response to Qn. 19 is Yes, please provide the amount received from UGC (Input 0 – if NA/NIL). Any other source

including internal financial support from the Management (Specify amount):

Amount received from UGC: **00**

Amount received from any other source including the college management:

Rs. 15,000=00

21. Any significant contribution made by IQAC on quality enhancement during current year (Please provide details in bullet format):

- Introduction of M.Sc. in Geography
- Introduction of 03 U.G.C. Sanctioned Career Oriented Certificate Programmes in Textile Chemistry, Naturopathy and Cosmetology, and Gender Sensitization. and 06 College Level Certificate Courses in Tourism and Travel, Tissue Culture and Biotechnology, Water and Soil Testing, Advanced Instrumentation, Statistical Package for Social Sciences (SPSS), and Communication skills.
- Renovation of chemistry and Physics departments was completed in 2012-13
- Department of P.G.Studies & Research in Bioinformatics has been recognized by Biotech Consortium of India Limited (BCIL), Ministry of Science & Technology, Govt. of India.
- Language laboratory has been established

- Generation of Patents: A total of 04 patent applications have been made, three by Prin. Dr. A.H.Manikshete sir and one by Dr.K.R.Rao.
- Major Research Projects: Prin. Dr. A.H.Manikshete sir and Dr.Mrs. N.C.Waghmare were awarded with Major Research Projects of UGC and ICSSR, New Delhi respectively.
- Installation of R.O. Water purifier for the entire campus
- Installation of rainwater harvesting system for the entire campus
- Construction of vermicomposting unit for recycling the biodegradable waste
- Installation of surveillance cameras for the security of the campus
- Organized a total of 07 conferences, workshops and seminars
- Social Responsibility: Faculty members contributed one day salary to farmers from drought affected area from Maharashtra state.
- Social Responsibility: A special Seminar on Water Management for Farmers' was organized, in which 70 farmers participated. Dr. P.D. Mali has offered free ground water survey for 20 farmers from Solapur region.
- Organized Alumni meets of 1962 batch students and a special Doctors Meet was organized by Alumni Association.
- Grants worth Rs. 42,45,861=00 were received through various agencies (UGC+ICSSR+INSPIRE) for research, sports infrastructure development, seminars, and laboratory renovation.
- Consultancy was offered in the field of Geology-Hydrology/ Ground Water Exploration, Soil & Water Analysis, Chemical analysis for

research Students and Environmental Impact Assessment. Rs. 2,04,500=00 have been generated through consultancy.

- Ph.D. Degree Awarded to Faculty: 03 faculty members were awarded with Ph.D. Degree.
- Projects Ongoing: 22 Minor and 04 Major Research Projects are ongoing
- Placements: More than 50 Students were placed and deputed in various companies and organizations. Five students of M.Sc.Bioinformatics were selected in Department of Biotechnology, Government of India initiative 'Biotech Consortium India Limited' under 'Bioinformatics Industrial Training Programme-2012-13'.
- Cultural Department: Won Runners-up Trophy in Solapur University Youth Festival 2012 with a total of 18 Prizes. Ms. Poonam Chavan bagged the coveted 'Golden Girl' award for the event. Also bagged General Championship Trophy in Lokmat Yuva-Next-2012.
- Student Research Contribution: 27 students took part in state level paper presentation competition-AVISHKAR Research Festival and 07 prizes were won by our students.
- Ms. Nargis Inamdar (B.Sc.III-Mathematics) stood first in Solapur University, Solapur examination and was awarded with Gold medal for the same.
- Representation in films: 07 students and 01 faculty member acted in two Marathi feature films.

Section: III

In this section the events, activities and outputs in the field of research and academic areas are being surveyed:

22. Academic Programmes:

Number of new academic programmes developed or designed by faculty: **06**

Number of faculty members involved in curriculum restructuring/
revision/syllabus development: **27**

Number of programmes in which evaluation process reformation taken
up and implemented: **02**

Number of active teaching days during the current academic year: **180**

Average percentage of attendance of students: **85%**

Percentage of classes engaged by guest faculty and temporary teachers: **5%**

Number of self financed programmes offered: **18**

Number of aided programmes offered: **11**

Number of programmes discontinued during the year: **00**

23. Whether any systematic student feedback mechanism is in place:
Yes

24. Feed back details (if answer to Question 23 is Yes):

Percentage of courses where student feedback is taken: **100%**

25. Is feedback for improvement provided to the faculty:
Yes

26. Faculty research projects, publication details for the year:

Number of major research projects undertaken during the year:	02
Number of minor research projects undertaken during the year:	01
Number of major ongoing project:	04
Number of minor ongoing projects:	20
Number of major projects completed:	01
Number of minor projects completed:	02
Number of major project proposals submitted for funding for external funding:	01
Number of minor project proposals submitted for funding for external funding:	00
Number of research publications in peer reviewed journals:	70
Number of research publications in peer reviewed international journals:	10
Number of research publications in peer reviewed national journals:	60
Number of research publications accepted in peer reviewed international journals:	02
Number of research publications accepted in peer reviewed national journals:	05
Average impact factor of publications reported:	1.2
Number of books published:	08
Number of edited books published:	01
Number of Books (Single authored published):	08

Number of books (co-authored published):	06
Numbers of conference attended by faculty:	100
Number of international conference attended:	10
Number of national conferences attended:	90
Number of papers presented in conference:	46
Number of papers presented in international conference:	02
Number of papers presented in national conference:	44
Number of conference organized by the institution:	07
Number of faculty acted as experts resource persons:	09
Number of faculty acted as expert resource person (international):	01
Number of faculty acted as expert resource person (national):	08
Number of collaborations with international institution:	00
Number of collaborations with national institution:	33
Number of linkages created during the year:	03
Total budget for research for current year as a percentage of total institution budgets:	2.09%
Amount of external research funding received in the year:	Rs. 18,93,800=00
Number of patents received:	00
Number of patents applied:	04

Number of research awards /recognitions received by faculty and research fellows of the institute in the year:

Number of PhDs awarded during the year: **03**

Percentage of faculty members invited as external experts/resource persons/reviewers/referee or any other significant research activities:

50%

Section: IV

This section deals with student mentoring and support system existing in the institution. This includes student activities, mentoring and opportunities for development and inclusive practices:

27. Student Details and support Mechanisms:

The total intake of students for various courses (Sanctioned): **2270**

Actual enrollment during the year: **2006**

Student dropout percentage during the year: **2.84%**

Success percentage in the final examination across the courses: **82.36%**

Number of academic distinctions in the final examinations and percentage: **46**

Number of students who got admitted to institutions of national importance: **01**

Number of students admitted to institutions abroad: **00**

Number of students qualified in UGC NET/SET:	07
Number of students qualified in GATE/ CAT/other examinations (Specify):	12
28. Does student support mechanism exist for coaching for competitive examinations?	Yes
29. Student participation, if response is yes to Qn. 28:	
Number of students participated:	177
30. Does student counseling and guidance service exist?	Yes
31. Student participation, if answer to Qn. 30 is yes	
Number of students participated:	350
32. Career Guidance:	
Number of career guidance programmes organized:	26
Percentage of students participated in career guidance programmes:	60%
33. Is there provision for campus placement?	Yes
34. If yes to Qn. 32	
Number of students participated in campus selection programmes:	300
Number of students selected for placement during the year:	86
35. Does gender sensitization programme exists?	Yes
36. If answer is Yes to Qn. 35	

Number of programmes organized: **05**

37. Student activities:

Number of students participated in external cultural events: **45**

Number of prizes won by student in external cultural events: **57**

Number of cultural events conducted by institute for the students: **04**

Number of students participated in international sports and games events:
00

Number of students participated in national level sports and games
events: **00**

Number of students participated in State level sports and games events:
00

Number of students participated in University level sports and games
events: **30**

Number of prizes won by student in international sports and games
events: **00**

Number of prizes won by in national level sports and games events:
00

Number of prizes won by in State level sports and games events:
00

Number of prizes won by in University level sports and games events:
04

Number of sports and games events conducted by the institute for the
students: **02**

38. Composition of students:

Percentage of schedules tribe:	18.40%
Percentage of schedules tribe:	0.39%
Percentage of other backward Communities:	36.71%
Percentage of women students:	48.30%
Percentage of physically challenged:	00.09%
Percentage of rural students:	57.12%
Percentages of urban students:	42.88%

39. Scholarships and financial support:

Number of students availing financial support from the institution:

1759

Amount disbursed as financial support from the institution:

Rs. 37,00,694=00

Number of students awarded scholarship from the institution:

1759

Number of students received notable national/international achievements/recognition:

00

40. Student Initiatives:

Number of community upliftment programmes initiated by the student:

10

Number of literary programmes initiated by students: **04**

Number of social action initiatives based on science/environment initiated by students: **20**

Number of student research activities:

25

Section: V

This section surveys Governance and Innovation at the institution related to quality management. The educational management strategies adopted and in practice for achieving the objectives are focused.

41. Whether perspective plan for overall developmental activities is created?

Yes

42. If the answer for Qn. 41 is Yes, is the plan implemented and monitored?

Yes

43. Whether benchmarking is created for institutional quality management efforts?

Yes

44. If the answer to Qn. 43 is Yes, please list the benchmarking in various areas of development in bullet format.

- **Academic Result:** Above 65% results of various classes with more Number of distinctions.
- **Extension:** More than 100 extension Programmes

- **Research:** **100% faculty with research Projects and more than 50 research publication / year**
- **Consultancy:** **Generation of funds more than Rs. 2 Lakh and involvement of more departments**
- **Linkages and collaborations:** **More than 30**

45. Is a Management Information System (MIS) in place?

Yes

46. If answer to Qn 45 is Yes, please provide details of MIS applied to:

1. **Administrative procedures including finance:** The whole administrative procedure is decentralized through Local Management Committee (LMC) comprising Trustee Members, Principal, and representatives of teaching and non-teaching faculty. In consultation with the management a budget plan for the whole year is decided for different expenditure heads and is disbursed as per the plan. The various coordinators of college committees look after the planning and execution of delegated duty under the guidance and regular supervision of principal. For effective access to literature LIBMAN, OPAC and Internet facility are freely made available to all students and staff.

2. **Student admission:** The admissions are done as per state government and university guidelines depending upon students' merit.

3. **Student records:** The records pertaining to students are maintained using CMS software in office. Details of mentoring scheme, performances of students in examination, their attendance and feedback are maintained and communicated to parents and respective students.

4. **Evaluation and examination procedures:** Regular unit tests, seminars are conducted for continued assessment of the students at college level. At the end of semester university conducts the examination and results are declared by the university. Students are exposed to competitive examination coaching and given enough opportunities to participate in seminars and competitions.

5. **Research administration:** A research committee analyses the progress of various major and minor research projects ongoing in the college. All the annual and final reports of the concerned projects are submitted within time. The research facilities of various departments set through research grants are utilized for providing consultancy to stakeholders with minimal cost.

6. **Others:** Principal along with coordinators and members of various committees, plans and guides the smooth conduction and implementation of various extracurricular, co-curricular, sports and extension activities. There is coherence between management and stakeholders through

principal for planning, management and implementation of all activities of the college

(Enter the perspective details corresponding to the serial numbers):

47. Existence of learning resource management:

E database in library: **Yes**

ICT and Smart Class-room: **Yes**

E learning sources (e books and e journals): **Yes:**

- **e-books / 97000**
- **e-journals / 6000**
- **OPAC,**
- **INFLIBNET, and**
- **DELNET**

Production of teaching modules: **Yes**

- **Laboratory Manuals**
- **Survey Reports**
- **Books**
- **Teaching Aids**

Interactive learning facilities: **Yes:**

- **Video Conferencing**
- **PowerPoint**
- **Overhead Projector**

- **Seminars and Group Discussions**
- **Excursion Tours**
- **Research Projects**

48. Internal resource mobilization: Kindly provide the amount contributed:

Research:	Rs. 20,000=00
Consultancy and training:	Rs. 2,04,677=00
Student contribution:	00
Alumni Contribution:	Rs. 17,000=00
Well wishers:	00

49. Infrastructure and welfare spending: Please specify the amount:

Amount spent for infrastructure development:	Rs. 18,16,573=00
Amount spent for student welfare:	Rs. 93,413=00
Amount spent for staff welfare:	Rs. 81,621=00

50. Is delegation of authority practiced: **Yes**

51. Does grievance redressal cell exists?

Faculty	Yes
Students	Yes
Staff	Yes

52. Grievances received from faculty and resolved (Enter a number ; 0 for nil)

Number of grievances received: 00

Number of grievances resolved: 00

53. Grievances received from students and resolved (Enter a number ; 0 for nil)

Number of grievances received: 03

Number of grievances resolved: 03

54. Number Grievances received from other staff members and resolved (Enter a number; 0 for nil)

Number of grievances received: 00

Number of grievances resolved: 00

55. Has the institution conducted any SWOT analysis during the year

Yes

56. The SWOT analysis was done by internal or by external:

57. Kindly provide three identified strengths from SWOT analysis (in bullet format):

1. Research and publications aspects are strong.

2. The number of extension activities and student support services, provide enough opportunities for students, which is reflected in the form achievements.

3. Formal and informal consultancies are offered for research, geo-hydrological studies and in various social surveys.

58. Kindly provide three identified weaknesses from the SWOT analysis (in bullet format)

- 1. The college needs to establish a multi-gym facility for boys and girls.**
- 2. Interdepartmental activities needs to be strengthened more.**
- 3. College needs to establish a 'Skill Laboratory' to impart life skills.**

59. Kindly provide two opportunities identified from the SWOT analysis (in bullet format)

- 1. There is more scope and opportunities for participation and achievements in sports activities.**
- 2. There is ample opportunity for utilization of research output for societal benefit**

60. Kindly provide two identified challenges/ threats from SWOT analysis (in bullet format)

- 1. The students admitted in Arts section needs to be imparted with entrepreneurial exposure through skill oriented courses.**
- 2. Students admitted are poor in their communication skills and hence, it remains a challenge in knowledge transfer.**

61. Identify any significant progress made by the institution towards achieving the goals and objectives during the year (list below in bullet format):

- The college proposes renovation of science Laboratories: As proposed the chemistry and physics departments have been renovated with financial assistance from from U.G.C.**

- **To increase research facility in science by augmenting more facilities:** The research facility has been enhanced with the establishment of common instrumentation facility with all modern equipments. As of today more than 35 research students are currently undertaking their Ph.D. work in the college.
- **To take appropriate steps to initiate PG course in Biotechnology:** M.Sc. Biotechnology has been successfully initiated from the academic year 2012-13.
- **To effectively implement U.G.C. sanctioned Career Oriented Certificate Courses:** This year three new U.G.C. sanctioned career oriented certificate courses have been effectively implemented.
- **To increase research collaborations with national laboratories through MoU:** Our college has MoU with more than 30 institutes, industries and research organizations. During the academic year 2012-13 one new MoU was established and 02 old MoUs were revised.
- **To propose new major, minor research projects and enhance research output:** Two new major and one minor research projects were sanctioned during 2012-13.
- **To conduct national seminars, conferences & workshops:** A total of 07 seminars, conferences and workshops were held during 2012-13.
- **To strengthen the schemes of mentoring system and earn and learn schemes:** Mentoring system is in place and many students avail the facility.
- **To increase consultancy services:** Consultancy services is provided in the areas of ground water survey, water and soil analysis, analysis of chemical and biological samples. The facility is made available with minimal cost and a large number of farmers, students and public at large take the advantage of facility.
- **To enhance students participation in research and student placements in summer/winter fellowships, industrial projects, NGOs, and state and national level seminars and conferences:**

Every year we are seeing a surge in student participation in science, arts, awareness programmes. More than 50 different initiatives / programmes were held with student initiatives involving social, excursion, industrial training, summer and winter fellowships, data collection surveys and student research programmes.

62. How do you perceive the role of NAAC in the quality development of your institution (suggested in bullet format to be given below?)

- The quality parameters developed by NAAC are indicators for developing overall academic, research, and extension programmes and administrative structure of the college in the broader interest of stakeholders.
- The perspective plans, quality policy, SWOC analysis mechanism and academic audit are a constant check for implementing various best practices
- The vision of NAAC to cater to diverse needs of students has been visible through an increase in infrastructure, production of teaching manuals, publications, students participation in literary, cultural, social and scientific events
- The periodic assessment mechanism makes the higher educational institutes to keep on harping on their strengths, identify their weakness, grab their opportunities and prepare for future challenges
- The benchmarking set for various academic and extra-academic targets of the institution has imbibed the culture of seeking the targets through achievable action plans.

