Yearly Status Report - 2018-2019

Part A	
Data of the Institution	
1. Name of the Institution	**WILLINGDON COLLEGE, SANGLI**
Name of the head of the Institution	**Dr. Bhaskar Vinayak Tamhankar**
Designation	**Principal**
Does the Institution function from own campus	**Yes**
Phone no/Alternate Phone no.	**02333025154**
Mobile no.	**9225340924**
Registered Email	**wdnsangli@gmail.com**
Alternate Email	**iqacwillingdon@gmail.com**
Address	**Willingdon College, Vishrambag, Sangli, Maharashtra**
City/Town	**Sangli**
State/UT	**Maharashtra**
Pincode	**416415**

2. Institutional Status

Affiliated / Constituent	**Affiliated**
Type of Institution	**Co-education**
Location	**Urban**
Financial Status	**state**
Name of the IQAC co-ordinator/Director	**Dr. Suresh Raghunath Kumbhar**
Phone no/Alternate Phone no.	**02333025152**
Mobile no.	**9923183867**
Registered Email	**wdnsangli@gmail.com**
Alternate Email	**iqacwillingdon@gmail.com**

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	http://willingdoncollege.in/pdf/AQAR/AQAR%202017-18.PDF

4. Whether Academic Calendar prepared during the year

4. Whether Academic Calendar prepared during the year	**Yes**
if yes,whether it is uploaded in the institutional website: Weblink :	http://willingdoncollege.in/pdf/IQAC/Academic_calender_2018-19.pdf

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
2	**A**	**3.07**	**2017**	**20-Oct-2017**	**19-Oct-2022**

6. Date of Establishment of IQAC

12-Aug-2013

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

Centenary Lecture series of Eminent Personalities	06-Aug-2018 5	300
Basics of Intellectual Property Rights Lecture	20-Dec-2018 1	52
Teacher evaluation and feedback system initiated for students	26-Dec-2018 6	1005
Organized National Conference on Recent Trends and Innovations in Research fiends in Science, Humanities and Languages	13-Feb-2019 1	302
Organized Brihanmaharahtra Prachyavidya Parishid Symposium (National Conference)	02-Feb-2019 3	143
Academic Administrative Audit (AAA) process initiated	08-Apr-2019 1	132

8. Provide the list of Special Status conferred 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
No Data Entered/Not Applicable!!!				
No Files Uploaded !!!				

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 :	6
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	Yes
Upload the minutes of meeting and action taken report	View File
11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	No

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

- **Initiated research culture among the Temporary and CHB teachers**

- **Initiated AAA process, Teacher evaluation and feedback process.**

- **Organized National research conference for staff and students**

- **Promotion of Various lectures on centenary function of college.**

- **Organized informative and motivational lectures on IPR and academic issues.**

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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
Follow up of Academic calendar	As per academic calendar almost all activities are carried in time with some minor changes.
Organization of National Conferences and research culture promotions	Two national conferences were organized in the college. • National Conference on Recent Trends and Innovations in Research in Science, Humanities and Languages on 13/2/2019 for which 302 candidates registered and 133 full length papers published in UGC listed International Journal • Brihanmaharahtra Prachyavidya Parishid Symposium held on 2nd Feb. 2018 and 143 participants registered from Maharashtra, Kerala, MP, Telengana, AP and 133 research papers presented.
Start of Foreign language courses in French and German Language	Foreign language German and French courses started 17/12/2018 for three months with 38 participants for German and 8 for French language registered
Feedback from Students , Teachers and Alumni	Feed back is obtained from Teachers, students and Alumni and analyzed and Principal gave proper guidance to the respective Teacher, Alumni or students.
Online Admission and office process	Online admission system is adopted for the admissions of students as well as office work. The office has ERP administration system, Financial transitions are also carried trough ERP Talley system
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14. Whether AQAR was placed before statutory body ?	Yes

Name of Statutory Body	Meeting Date
College Development Committee (CDC)	17-Oct-2019

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	No

16. Whether institutional data submitted to AISHE:	Yes

Year of Submission	2019

Date of Submission	23-Sep-2019

17. Does the Institution have Management Information System ?	Yes

If yes, give a brief descripiton and a list of modules currently operational (maximum 500 words)	The college has Management Information System through which governance is facilitated. The college follows the partial MIS. The MIS is ensured through licensed ERP software for office, admission, scholarship, Talley ERP for financial transactions, etc. The college communicates with the central office of the management, university and government office through email. Communication among faculty and staff is made faster through use of email, mobile, whatsApp. Automated library is another manifestation of MIS in our campus. Efforts are made to keep the college website updated. Operational Modules 1. Talley ERP financial audit system 2. ERP system for online admission 3. ERP system for office administration 4. Online Teacher information system 5. Online staff leave 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

Being affiliated to Shivaji University, Kolhapur, Deccan Education Society's Willingdon College, Sangli follows the curriculum framed by the University. It

addresses the needs of society and have relevance to local / regional / national / global / developmental needs. The institute ensures that the curriculum bears a definite thrust on right knowledge, attitude and skills among the students. Holistic progress of the students is the main purpose of our curriculum. The curriculum in each program under all disciplines is planned by keeping in view the learning objectives, global competencies and core values required for higher learning attributes such as hands-on experimental skills, latest technologies, scientific temperament and entrepreneurship, democratic, moral, social and spiritual values among students. Prior to the commencement of the academic year IQAC prepare their academic calendar based on the University calendar. This gives clear picture of the available dates for noteworthy activities to ensure: proper teaching-learning, continuous evaluation, organization of conferences, workshops, annual gathering and internal examination schedule etc. At the beginning of the academic year principal Dr. B.V. Tamhankar conducts meeting and discussed academic calendar with the staff members for smooth conduction of the activities. Heads of all departments discuss syllabus with individual teacher, assignment of the workload & time table to the respective teacher. If staff member prepares month wise teaching plan considering available dates, periods for teaching, learning process & syllabus to be covered. Every teacher records daily teaching learning activities in the academic dairies provided at the beginning of the academic year. For better understanding of the topic for the student, use of ICT has been increased by the faculty. Teachers prepare power point presentations, use animations, video clips & develop e-contents for the better teaching learning process. The institute's mission is "To aspire & strive for excellence in education by developing and sharpening intellectual, potential of the learners." The institution follows outcome based approach in the teaching learning evaluation process.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entreprene urship	Skill Development
Certificate course in Printed Circuit Board Design, Development and Soldering		12/07/2018	180	employabilit y	Yes
Certificate course in French language		17/12/2018	90	employabilit y	Yes
Certificate course in German Languagen		17/12/2018	90	employabilit y	Yes

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
BSc	Democracy, Elections and Good Governance	15/06/2018

BA	Democracy, Elections and Good Governance	15/06/2018
BSc	Personality Development	15/06/2018
BA	Personality Development	15/06/2018
BSc	Democracy, Elections and Good Governance (B. Sc. Entire Course)	15/06/2018
BSc	Personality Development (B. Sc. Entire Course)	15/06/2018
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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
BA	English	15/06/2018
BA	Hindi	15/06/2018
BA	Economics	15/06/2018
BA	Geography	15/06/2018
BA	History	15/06/2018
BA	Sanskrit	15/06/2018
BA	Marathi	15/06/2018
MA	English	15/06/2018
MA	Economics	15/06/2018
MA	Marathi	15/06/2018
MA	Hindi	15/06/2018
MA	Sanskrit	15/06/2018
BSc	Englih	15/06/2018
BSc	Physics	15/06/2018
BSc	Chemistry	15/06/2018
BSc	Zoology	15/06/2018
BSc	Botany	15/06/2018
BSc	Microbiology	15/06/2018
BSc	Biotechnology	15/06/2018
BSc	Mathematics	15/06/2018
BSc	Statistics	15/06/2018
BSc	Electronics	15/06/2018
BSc	Computer Science	15/06/2018
BSc	Comp. Sci. Entire	15/06/2018

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

	Certificate	Diploma Course
Number of Students	69	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
soldering and desoldering techniques in Electronics	02/08/2018	102

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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	Electronics	22
BA	Geography	16
BSc	Computer Science	2
BSc	Botany	17
BSc	Zoology	28
BA	Marathi	20
BA	Marathi	30
BA	Sanskrit	10

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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	No
Alumni	Yes
Parents	Yes

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

Feedback Obtained

Feedback is divided in to three categories viz. Student's feedback, parent's feedback and alumni's feedback. Student's feedback is based on overall college functioning and teaching learning process. Feedback on overall functioning of the college is based on learning environment of the college, canteen facility, functioning of antiragging cell, sports facility, infrastructural facilities etc. Feedback forms are collected from the students to evaluate teacher's performance. It will be analysed on the basis of various questions asked in the feedback form. It covers teaching learning process, punctuality, communication skills, approach towards the students, sharing of innovative ideas etc. We have emphasized on teachers' innovativeness, use of ICT in teaching methodology, interactive teaching students involvement in learning various activities conducted by each department. We collect individual teachers feedback and analyze it. The analysis is reported to the principal for corrective measures and it is communicated to the individual teacher for future improvements if needed. Parent's feedback is based on overall development of their ward and about learning environment in the college as well as imparting value based education to their wards. We have registered alumni association whose feedback is based on the role of the college in the development of students'

personality, their employability and academic excellence. Also, how the institution has helped them to acquire the life skills. Thus, with an effective feedback process combined with relevant action, the teaching learning process is strengthened. The institution is growing in leaps and bounds in order to ensure that the best possible education in all shapes, customized to the needs, demands and aspirations of the stakeholders is put in place. Although we look for every given opportunity to enhance this paradigm of quality furthermore.

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	Part I	360	401	360
BSc	Part II	310	257	255
BSc	Part III	210	285	285
BA	Part I	240	250	240
BA	Part II	240	145	145
BA	Part II	240	108	108
BSc	Part I (Entire)	80	80	79
BSc	Part II (Entire)	80	80	62
BSc	Part III (Entire)	80	80	69
MSc	Part I	70	76	76
MSc	Part II	70	57	57
MA	Part I	250	118	118
MA	Part II	250	101	101

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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	1603	352	97	2	33

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 Toolsand resources available	Number of ICT enabled Classrooms	Numberof smart classrooms	E-resources and techniques used
132	132	10	6	0	132

2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

Mentoring the students is an inherent responsibility of a teacher and is at the national priority. Mentoring efforts are always effective in addressing key issues and problems currently facing by the college that includes the need to increase degree completion rates, reduce inequities in outcomes for marginalized and under represented groups, broaden participation in the science and technology. Mentoring has long been considered a developmental and retention strategy for undergraduate students, and research suggests mentoring efforts are positively related to a variety of developmental and academic outcomes. In our College, student mentoring is done by different ways depending upon the socioeconomic background of the students, characteristics of the region in which the institution is situated, among others. Students mentoring system adopted by Willingdon College is a derivative of similar system adopted in colleges of our mother institution, Deccan Education Society. The college has offered graduation and post graduation programmes in two broad disciplines Art and Science. Students from the science vicinity are grouped according to their practical batches and the respective batch in charge teachers mentor them. Students from the Art vicinity are mentored by the class teachers dividing in groups of 20 to 30 students. This system is named as ParentTeacher Scheme. The parent teacher interacts periodically with the students, either collectively or individually, and discusses various issues related to academic, personal and social life of the students. The parent teacher also discusses career related issues. Provides guidance related to career choice.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
1955	132	1:15

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
132	41	0	91	25

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	286	I	26/11/2018	06/02/2019
BSc	286	II	13/05/2019	27/06/2019
BSc	286	III	07/12/2018	13/02/2019
BSc	286	IV	25/05/2019	30/07/2019
BSc	286	V	16/11/2018	22/01/2019
BSc	286	VI	02/05/2019	01/06/2019
BA	388	I	19/12/2018	17/01/2019

BA	388	II	20/04/2019	03/06/2019
BA	388	III	05/12/2018	08/02/2019
BA	388	IV	24/05/2019	06/07/2019
BA	388	V	19/11/2018	22/01/2019
BA	388	VI	01/04/2019	24/05/2019
MA	371	I Hindi	08/12/2018	07/02/2019
MA	371	II Hindi	04/05/2019	29/06/2019
MA	371	III Hindi	08/12/2018	04/02/2019
MA	371	IV Hindi	04/05/2019	29/06/2019
MA	371	I Marathi	07/12/2018	07/02/2019
MA	371	II Marathi	04/05/2019	18/06/2019
MA	371	III Marathi	07/12/2018	26/01/2019
MA	371	IV Marathi	04/05/2019	06/06/2019
MA	371	IEconomics	27/11/2018	06/02/2019
MA	371	II Economics	17/05/2019	03/07/2019
MA	371	III Economics	29/11/2018	06/02/2019
MA	371	IV Economics	19/06/2019	23/07/2019
MA	371	I sanskrit	07/12/2018	06/01/2019
MA	371	II sanskrit	03/05/2019	24/05/2019
MA	371	III sanskrit	07/12/2018	19/01/2019
MA	371	IV sanskrit	03/05/2019	10/06/2019
MA	371	I English	06/12/2018	06/02/2019
MA	371	IIEnglish	06/05/2019	15/06/2019
MA	371	III English	06/12/2018	29/01/2019
MA	371	IV English	06/05/2019	15/06/2019
MSc	205	I	02/11/2018	05/03/2019
MSc	205	II	12/04/2019	24/07/2019
MSc	205	III	03/11/2018	26/02/2019
MSc	205	IV	01/04/2019	09/07/2019
MSc	205	I (Maths)	12/12/2018	13/02/2019
MSc	205	II (Maths)	26/04/2019	10/07/2019
MSc	205	III (Maths)	15/12/2018	15/02/2019
MSc	205	IV (Maths)	30/04/2019	06/07/2019

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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

Shivaji University has made 20 percent component of students' performance as an Internal Evaluation at Institute level. This includes tests, project, assignments and seminars and it is taken into account for calculation of final Result of Last Year of Undergraduate programmes and Post Graduate Programmes. Continuous evaluation of the students is done by the college through various means. Topic wise / Unit wise tests, MCQs, Presentations, Seminars, Discussions, are conducted to evaluate students' performance at the

departmental level as per the guidelines framed by Examination Committee of the College. In addition to above, departments have been conducted different activities like open Book tests, surprise tests, online MCQs test, diagram contests, Preparation of molecular models, Poster presentations, Quiz Competitions and practical terminal examinations. Students are asked to write assignments, Seminars and group discussions are conducted usually final year UG and PG students to inculcate courage and precision study among the students.

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

At the beginning of each calendar / academic year, an academic calendar was prepared by IQAC and HODs of all the departments considering all the possible curricular and cocurricular activities and examinations. All the necessary efforts were made to follow the schedule suggested in the academic calendar. The college conducted internal examinations and certain evaluation activities as per the academic calendar. The semester examinations are conducted as per the schedule given by the Shivaji University, Kolhapur. The schedule for the celebrations of various days that incudes teachers day, science day, annual prize distribution, annual gathering day, traditional day are included in the academic calendar. The events like Willsoft, Muktachhand, Workshops, DSTINSPIRE, Youth festival are scheduled and conducted as per the academic calendar. Memorial lecture series, Centenary celebration lecture series, alumni meetings, student-parent association meetings are steered as per the academic calendar.

2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

http://willingdoncollege.in/pdf/IQAC/Program_outcomes,_program_specific_outcomes_and_course_outcomes.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
	BSc	BCS-III (Computer Science entire)	69	57	83.83
286	BSc	B.Sc.-III(Computer Science)	25	24	96.00
286	BSc	B.Sc.-III(Botany)	17	16	94.11
286	BSc	B.Sc.-III(Biotechnology)	19	19	100
286	BSc	B.Sc.-III(Microbiology)	23	22	95.65
286	BSc	B.Sc.-III(Electronics)	222	21	95.45
286	BSc	B.Sc.-III(	31	28	90.32

		Mathematics)			
286	BSc	B.Sc.-III(Physics)	22	18	18.80
286	BSc	B.Sc.-III(Statistics)	19	16	84.21
286	BSc	B.Sc.-III(Zoology)	28	25	89.28
286	BSc	B.Sc.-III(Chemistry)	73	65	89.04
205	MSc	M.Sc.-II(Mathematics)	37	26	70.27
205	MSc	M.Sc.-II(Chemistry)	19	14	73.68
388	BA	B.A.III (Marathi)	19	11	57.89
288	BA	B.A.III (History)	17	15	88.24
288	BA	B.A.III (Hindi)	17	15	88.24
288	BA	B.A.III (Geography)	12	11	91.66
288	BA	B.A.III (Economics)	14	11	78.57
288	BA	B.A.III (English)	8	5	62.5
288	BA	B.A.III (Sanskrit)	7	6	85.71
371	MA	M.A.II (Economics)	40	21	52.50
371	MA	M.A.II (Hindi)	13	11	84.62
371	MA	M.A.II (Marathi)	27	22	84.48
371	MA	M.A.II (English)	22	15	68.18
371	MA	M.A.II (Sanskrit)	7	7	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://willingdoncollege.in/pdf/IQAC/Students_Satisfaction_Survey_report.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	Total grant	Amount received

		agency	sanctioned	during the year
Projects sponsored by the University	2	Shivaji University, Kolhapur research initiation Scheme	52000	52000
Students Research Projects (Other than compulsory by the University)	1	Shivaji University, Kolhapur	10000	10000
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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
Seminar on Basic of Intellectual Property Rights	Electronics	20/12/2018
Climate Change and Sustainable Development Goals	Geography	14/01/2019
Two days workshop on 'Basics in Mathematics'	Mathematics	13/08/2018
One day regional workshop on API and PBAS for college librarians	Library and Shivaji University College Librarians Association	30/09/2018
One day Workshop on Rajarshi Shahu's Domestic Violence Prevention Act and Todays Reality	Shrimati Sharadabai Govindrao Pawar Adhyasan, Shivaji University, Kolhapur and Willingdon College, Sangli.	06/09/2018
Workshop on Youth Festival	Willingdon College, Sangli and Shivaji University, Kolhapur.	14/07/2018
One Day Workshop on Universal Human Values and Soft Skills Development	Lead College committee and Bahai Academy Panchagani	28/12/2018
One Day Workshop on Rastriya Tambakhu Nivaran Janjagruti	Lead College committee	20/02/2019
One Day Workshop on Ancient Indian Iconography	History	18/01/2019
Workshop on Proof Reading	Marathi	14/01/2019
Workshop on Reading Skills	Marathi	07/01/2019

Brihanmaharashtra Prachyavidya Parishad	Sanskrit Department and Bhandarkar Research Institute, Pune.	02/02/2019
National conference on Recent trends and Innovation in Research Field in Science, Humanities and Languages	Willingdon College, Sangli	13/02/2019
Personality Development	Sanskrit	08/02/2019
One Day Workshop on Revised Syllabus for M.Sc. Organic Chemistry	Chemistry	20/08/2018
Project development by Teachophilia IT Solution	B.Sc Computer ScienceB.Sc Computer Science	05/09/2018
Web Designing	B.Sc Computer Science	24/09/2018
Red hat Linux operating system and Ethical hacking	B.Sc Computer Science	07/12/2018
Seminar on Dream of CEO	B.Sc Computer Science	11/02/2019
Big Data and Hadoop	B.Sc Computer Science	06/02/2019
Project Development	B.Sc (Entire) Computer Science	05/09/2018
Workshop on Ethical Hacking	B.Sc (Entire) Computer Science	07/12/2018
Workshop on Web designing	B.Sc (Entire) Computer Science	24/09/2018
Hyperbolic Geometry: Dr. Chandrasheel Bhagwat, IISER, Pune	Mathematics	27/08/2018
'Quadratic reciprocity and Legendre symbol worked as a homomorphism': Dr.V.V. Acharya	Mathematics	30/10/2018
Polymer Chemistry : Dr. P. P. Wadgaokar	Chemistry	28/08/2018
Solid State: Dr. G. H. Nikam	Chemistry	02/03/2019
NonLinear optics and Holography : Dr. Prashant Chikode	Physics	07/02/2019
How to improve analytical ability for competitive exams	B.Sc (Entire) Computer Science	11/02/2019
Recent Trends in Microbiology and Biotechnology : Prof. Arun Kharat, JNU, Delhi	Microbiology	31/08/2018
Lead Botanical Garden	Botany	31/08/2018

Water Conservation: Dr. Rajendra Singh Rana	Bhishnoi Nature Club and Environmental Studies of Willingdon College, Sangli	29/10/2018
Indian Economy: Yesterday and Today, (Dr.Vinayak Govilkar)	V.S. Page Vicharmanch, Willingdon College, Sangli	27/02/2019
English Literature	English	25/08/2018
Career Opportunities for Hindi Graduates	Hindi	14/09/2018
Higher Education and Career Opportunities in Marathi Language	Marathi	18/08/2018
Women Empowerment	History	12/01/2019
Digital Banking in Digital India	Economics	17/09/2018
Inclusive Growth: Problems and Prospects	Economics	08/02/2019

3.2.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
Best Translator	Dr. Balwant V. Jeurkar	Apte wachan Mandir, Ichalkaranji, Kolhapur	23/07/2018	Author
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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 !!!					
No file uploaded.					

3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
5000	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
Marathi	1
Mathematics	2
Hindi	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	Zoology	2	3.65

International	Englih	5	2.56
International	Geography	3	1
International	Environmental Studies	2	5.20
International	Physics	1	5.20
International	Chemistry	18	5.20
International	Mathematics	8	5.20
International	Electronics	12	5.20
International	Botany	1	5.20

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
Mathematics	7
Electronics	1
Microbiology	1
English	1
Marathi	6
Geography	2
Hindi	2
History	2
[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
Structural and Dielectric Properties of La Fe substituted Ferroelectric	Dr. N. T. Padal	International Journal of Research and analytical review (IJRAR,), Volume 6, Issue 1 March 2019, EISSN 23481269, P ISSN 23495138	2019	1	Willingdon College, Sangli	0
Effect of third component on	Dr.B.V.Tamhankar	Indian Journal of Chemistry	2018	1	Willingdon College, Sangli	0

separation behaviour of warte t butanol NA 2SO3/NA2SO 4 System at 298 2 K						
Electroanalytical characterization of Nimesulide by differential Pulse Palarography : Application to pharmaceutical analysis	Dr.B.V.Tamhankar	International Journal of Green and Herbal chemistry	2018	1	Willingdon College, Sangli	0
A state Review on Green Chemistry	Dr.B.V.Tamhankar	International Journal of Green and Herbal chemistry	2018	1	Willingdon College, Sangli	0
Microwave assisted synthesis of gold nanoparticles using Acacia nilotica gam extract and their antibacterial activity	Dr.B.V.Tamhankar	Research Journal of Chemistry Environment	2018	1	Willingdon College, Sangli, Sangli	0
Studies on the effect of Kosmotropic salts containing S2O32,SO42,SO42SO32 anions on water alcohol equilibria	Dr.B.V.Tamhankar	Ajanta	2018	1	Willingdon College, Sangli	0
Green synthesis and spectroscopic studies of	Dr.B.V.Tamhankar	Nano science Nanotechnology Asia	2019	1	Willingdon College, Sangli, Sangli	0

Agro GON an composites for Highly selective mercury(II), Sensing,						
Recent advances in the synthesis of pyranop yrazoles:A short revew,	Dr.B.V.Tam hankar	Internatio nal Journal of Research and Analytical Reviews	2019	1	Willingdon College, Sangli, Sangli	0
Magnetic Saw dust as an efficient and cost effective adsorbent for the treatment of textile effluent.	Mr. P.A.Ki rtane	Internatio nal Journal of Research and Analytical Reviews	2019	1	Willingdon College, Sangli, Sangli	0
Magnetic Saw dust as an efficient and cost effective adsorbent for the treatment of textile effluent.	Dr. Umesh Nilkanth Pol	Internatio nal Journal of Research and Analytical Reviews	2019	1	Willingdon College, Sangli, Sangli	0
Applicatio ns of organic compounds in various fields at national conference on "Recent trends and innovation s in Research Fields of Science, Humanities and Languages"	Subhash A. Wadkar	Internatio nal Journal of Research and Analytical Reviews	2019	1	Willingdon College, Sangli, Sangli	0

Facile Synthesis of Biologically Active 2Aryl Thiazolidinones Using an Efficient Deep Eutectic Solvent	Mr. Dattatray Baburao Yedage	International Journal of Research and Analytical Reviews	2019	1	Willingdon College, Sangli, Sangli	0
Deep Eutectic Solvent Mediated OnePot Synthesis of 1aryl1H, 3 HThiazolo[3,4a] benz imidazole.	Mr. Dattatray Baburao Yedage	International Journal of Research and Analytical Reviews	2019	1	Willingdon College, Sangli, Sangli	0
"A novel assent for Synthesis of pyrazoline derivates by adopting rapheme oxide nanosheets as carboca tlyst at reflux condition"	R.P. Kagne	International journal of green and herbal chemistry	2018	1	Willingdon College, Sangli, Sangli	0
"Green and efficient synthesis of xanthene derivatives 1 butyl3 methylimida zolium bromide under solvent free condition"	R.P. Kagne	Asian journal of organic and medicinal chemistry	2018	1	Willingdon College, Sangli	0
Synthesis of 1,5 ben zodiazepin e derivati	R.P. Kagne	International Journal of Research	2019	1	Willingdon College, Sangli	0

ves using sulphated tin oxide as solid super acid catalyst".		and Analytical Reviews				
"Graphene Oxide : A versatile and reusable solid acid catalyst for the synthesis of 3pyranyl indole derivatives"	R.P. Kagne	International Journal of Research and Analytical Reviews	2019	1	Willingdon College, Sangli	0
"Recent advances in synthesis of pyranopyrazoles: A short review"	R.P. Kagne	International Journal of Research and Analytical Reviews	2019	1	Willingdon College, Sangli	0
Environmentally benign ionic liquid 1butyl3methylimidazolium tetrafluoroborate an efficient medium for one pot synthesis of quinazoline derivatives"	R.P. Kagne	International Journal of Research and Analytical Reviews	2019	1	Willingdon College, Sangli	0
Synthesis of benzimidazole derivatives in an aqueous media and reflux condition catalysed by L proline at	R.P. Kagne	International Journal of Research and Analytical Reviews	2019	1	Willingdon College, Sangli	0

pH 4.2 ”						
Physiochem ical analysis of aqueous extract from beta vulgaris ”.	R.P. Kagne	Internatio nal Journal of Research and Analytical Reviews	2019	1	Willingdon College, Sangli	0
Inclusion Properties for Certain Subclasses of Analytic Functions Defined by a Differen tial Operator	Dr.U.H.Nai k, Ranjan Khatu	American I nternation al Journal of Research in Science, T echnology, Engineerin g Mathemat ics	2018	1	Willingdon College, Sangli	0
Some Properties of a Subclasses of Univalent Functions	Dr.U.H.Nai k, V.A.Cho ugule	American I nternation al Journal of Research in Science, T echnology, Engineerin g Mathemat ics	2018	1	Willingdon College, Sangli	0
An operator defined by convolutio n and inverse function involving nth order polylogari thm Function	Dr.U.H.Nai k, Ranjan Khatu	Journal of Emerging T echnologie s and Innovative Research (JETIR)	2019	1	Willingdon College, Sangli	0
On subclasses of univalent function defined using gene ralized di fferential and integral operator	Dr.U.H.Nai k, V.A.Cho ugule	Internatio nal Journal of Research and Analytic Reviews	2019	1	Willingdon College, Sangli	0

Initial coefficient inequalities for some subclasses of analytic biunivalent functions	Dr.U.H.Naik, Amol Patil	International Journal of Research and Analytic Reviews	2019	1	Willingdon College, Sangli	0
Differential subordination and superordination for certain Subclasses of analytic functions defined using differential operator	Dr.U.H.Naik, Ranjan Khatu	International Journal of Research and Analytic Reviews	2019	1	Willingdon College, Sangli	0
On a cirtain class of multivalent functions involving linear Combination of operators	Dr.U.H.Naik, C.N.Math	International Journal of Research and Analytic Reviews	2019	1	Willingdon College, Sangli	0
Subclass of univalent functions with negative coefficients defined by using aloboudi differential operator	Dr.G.D.Shelake, Dr.S.B.Joshi, Dr.U.H.Naik	International Journal of Research and Analytic Reviews	2019	1	Willingdon College, Sangli	0
Design and Development of Rectangular Microstrip Patch Antenna (Coaxial feed) with Microcontr	Asif Jamadar, Nishad Kumbhare, S.R. Kumbhar	International Journal of Research and analytical review (IJRAR,), Volume 6, Issue 1	2019	1	Willingdon College, Sangli	0

oller		March 2019, EISSN 23481269, P ISSN 23495138, pp. 327332.					
Automatic check post of vehicles with Pollution detection,	Ashvini S. Patil S.R. Kumbhar,	International Journal of Research and analytical review (IJRAR), Volume 6, Issue 1 March 2019, EISSN 23481269, P ISSN 23495138, pp. 31131	2019	1	Willingdon College, Sangli	0	
Solar Powered LED street light with auto intensity control by using PIR sensor	V. K. Lambe, K. S. Gaikwad, S.R. Kumbhar, N. S. Joshi	International Journal of Research and analytical review (IJRAR), Volume 6, Issue 1 March 2019, EISSN 23481269, P ISSN 23495138, pp. 307310	2019	1	Willingdon College, Sangli	0	
Single to three phase conversion with auto switching system for agricultur e pumps.	S.R. Kumbhar, R. S. Pujari, R. G. Jadhav,	International Journal of Research and analytical review (IJRAR), Volume 6, Issue 1 March 2019, EISSN 23481269, P ISSN	2019	1	Willingdon College, Sangli	1	

		23495138, pp. 361364.					
Automatic Plant watering system along with monitoring of humidity and temperature,	Uttam Harale, N. S. Joshi, S.R. Kumbhar,	International Journal of Research and analytical review (IJRAR), Volume 6, Issue 1 March 2019, EISSN 23481269, P ISSN 23495138, pp. 338342.	2019	1	Willingdon College, Sangli	0
Soil Analysis technique based on global positioning enabled mobile image processing	Vaishali S. Patil, S.R. Kumbhar, N. M. Dhawale	International Journal of Research and analytical review (IJRAR), Volume 6, Issue 1 March 2019, EISSN 23481269, P ISSN 23495138, pp. 371375.	2019	1	Willingdon College, Sangli	1
Modeling and simulation of three phase induction motor drive using PSIM,	Vinod S. Patil, S.R. Kumbhar, M. D. Uplane,	International Journal of Research and analytical review (IJRAR), Volume 6, Issue 1 March 2019, EISSN 23481269, P ISSN 23495138, pp. 307310	2019	1	Willingdon College, Sangli	0

Simulation of Redundant drive for three phase induction motor using PSIM,	Vinod S. Patil. S.R. Kumbhar, M. D. Uplane,	International Journal of Research and analytical review (IJRAR), Volume 6, Issue 1 March 2019, EISSN 23481269, P ISSN 23495138, pp. 350356	2019	1	Willingdon College, Sangli	0
Knowledge Management in Public Administration : A review,	Dr. Rajendra Pujari, S.R. Kumbhar	International Journal of Research and analytical review (IJRAR), Volume 6, , Issue 1 March 2019, EISSN 23481269, P ISSN 23495138, PP. 420424.	2019	1	Willingdon College, Sangli	0
Fpga based Wireless Monitoring of Light Intensity inside Neonatal Intensive Care Units	N.S. Joshi, R.K.Kamat, P. K. Gaikwad,	International Journal of Research and analytical review (IJRAR), Volume 6, , Issue 1 March 2019, EISSN 23481269, P ISSN 23495138, pp. 333337	2019	1	Willingdon College, Sangli	0
"Development of Zigbee based Wireless	Jyoti Sabrad, Najmin Mursal, Neha	International Journal of Research and	2019	1	Willingdon College, Sangli	0

sensor Nodes for Intensive Care Units",	Joshi,	analytical review (IJRAR), Volume 6, , Issue 1 March 2019, EISSN 23481269, P ISSN 23495138, pp. 318321				
"Light Fid elityThe New Green Energy",	Rishikesh Suryawansh i, Rohan Bansode, Neha Joshi,	Internatio nal Journal of Research and analytical review (IJRAR), Volume 6, , Issue 1 March 2019, EISSN 23481269, P ISSN 23495138, pp.298300	2019	1	Willingdon College, Sangli	0
Preliminar y Studies on The Weed Flora in Willingdon College Campus Sangli, Ma harashtra, India, 936941	Kaplana Datar, Shital Walwadkar, Usha Yadav	IJRAR, Volume 6, , Issue 1 March 2019, EISSN 23481269, P ISSN 23495138	2019	1	Willingdon College, Sangli	0
Consumptio n rate of Cyprinus carpio L. against mosquito larvae of Ae. Albopi ctus, An. Subpictus and Cx. pipiens fatigans	Londhe sheetal and T. V. Sathe	Global Journal for Research Analysis. Vol. VII, Issue: IX ISSN 22778160	2019	1	Willingdon College, Sangli	0
Occurrence of Ants in	S. Kurane, A.	Internatio nal	2019	1	Willingdon College,	0

irrigated rice from Western Maharashtra, India	Gophane, S.l Londhe, P. Bhoje, T. V. Sathe	Journal of Research and Analytical Reviews				Sangli
A Reflection of Political Issues in Irwin Shaw's 'The Troubled Airs'	Dr.Ravindra Ashok Kulkarni	Aayushi, International Interdisciplinary PeerReviewed Research Journal, Journal, ISSN 2349638x, UGC Approved Sr.No.64259, Impact Factor 4.574,Issue No.XXI,	2019	1	Willingdon College, Sangli	0
American Culture and Poetry of Postmodernism,	Dr.Ravindra Ashok Kulkarni	Research Journey ,Multidisciplinary International Eresearch Journal, Vol.1, Issue 66, P.7073.	2019	1	Willingdon College, Sangli	0
AgroCultural Concerns in Sadanand Deshmukh's Novels	Dr.Ravindra Ashok Kulkarni	Aayushi, International Interdisciplinary Peer Reviewed Research Journal, ISSN 2349638x, UGC Approved Sr.No.64259, Impact Factor 4.574, Vol.2, P.234236.	2019	1	Willingdon College, Sangli	0
ICT Applications in English Language and Litera	Dr.Ravindra Ashok Kulkarni	IJRAR EISSN 23481269,PISSN 23495138, Vol.6,	2019	1	Willingdon College, Sangli	0

ture,		Issue 1, P.2527.				
An assessment of occult lore in the literature of kennith anderson	Dr. R.S. Ponde	International Journal of Multidisciplinary Research "Literary Findings' Imapct Factor 4.118 ISSN – 22782311 Vol 4	2019	1	Willingdon College, Sangli	0
Potential of Water Tourism in India	R. G. Jadhav S. R. Kumbhar	The Konkan Geographer (ISSN 22774858)	2018	1	Willingdon College, Sangli	0
Site of a settlement and Depravity Index : A case study people living near the tone quarry.	Navnath Lawte Swati Patil R.G. Jadhav	IJRAR (EISSN 23481269) Vol 6 Issue 1 Pp 235239	2019	1	Willingdon College, Sangli	0
Correlation Analysis of Rural Settlement of Panhala Tahsil: A Statistical Approach	Swati Patil R.G. Jadhav Navnath Lawte	IJRAR (EISSN 23481269) Vol 6 Issue 1 Pp 286288	2019	1	Willingdon College, Sangli	0
Site of a Settlement and Depravity Index: A Case study of People Leaving Near the Stone Quarries	R.G. Jadhav Navnath Lawte Swati Patil	IJRAR (EISSN 23481269) Vol 6 Issue 1 Pp 240243	2019	1	Willingdon College, Sangli	0
Analytical Study of Air Quality Index of Vishrambag Chowk	Jambhali S .V.,Dhisale S.N.,Ker karP.P	IJRAR 6(1) ,2019,401409..(EISSN 23481269,P ISSN 23495138	2019	1	Willingdon College, Sangli	0

Analytical Study of Absorption Capacity of Radioactive Emissions(?Particles) By Different Materials in an Ecosystem	Jambhali S.V.,AmbiA.D.,MaliA.S.,More M.P.,Patil S.A.,Kulkarni S.G.	IJRAR 6(1),2019,292297.(EISSN 23481269,PISSN 23495138)	2019	1	Willingdon College, Sangli	0

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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
No Data Entered/Not Applicable !!!						
No file uploaded.						

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

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	8	37	10	47
Presented papers	3	39	1	0
Resource persons	4	2	1	3

View File

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
Swacchata Abhiyan	NCC,NSS	5	160
World Environment Day	NCC	3	82
International Yoga Day	NCC	3	80
Tree Pantation	NCC, NSS	5	150
Voters Awareness Rally	NCC,NSS	5	100
Guest Lecture on 'Swaccha Bharat Swasth Bharat	NCC and Department of Mathematics	5	200
Guest Lecture on Ewaste Managenment	NCC	3	70

International Ozone Day	NCC and Department of Mathematics	5	150
Construction of compost pits	NCC	3	75
World Restart A Heart Day	NCC, NSS and Indian Society of Anesthesiologists, Sangli	3	170
National Unity Day	NCC	3	73
Blood Donation	NCC,NSS, Pasteur Club	9	200
NSS Residential Camp	NSS	7	40
Rain Water Harvesting Project	Tarun Bharat Sangh, Rajasthan and Department of Environmental Studies	2	150
Garden Maintenance	Shobahna Nursary and Botany Department	2	10
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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
Swacchata Hi Seva Programme	Best NCC Officer : Lt. Girish D. Shelake	16 Maharashtra Bn NCC Sangli	1
Swacchata Hi Seva Programme	Best NCC Cadet: SUO Samir M Adarshah	16 Maharashtra Bn NCC Sangli	1
View File			

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

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activites	Number of students participated in such activites
Swacchata Abhiyan	NCC, NSS	Cleanness of Surroundings	5	160
Tree Plantation drive	NCC,NSS, Samajik Vanikaran, Maharashtra Government	Tree Plantation	5	150
Voters Awareness Programme	NCC,NSS, Collector office, Sangli	Voters Awareness Rally	5	100
'Swaccha Bharat, Swasth	NCC and Department of	Guest Lecture on 'Swaccha	5	200

Bharat	Mathematics	Bharat Swasth Bharat		
Ewaste Management	NCC	Guest Lecture on Ewaste Management	3	70
International Ozone Day	NCC and Department of Mathematics	Guest Lecture on Ozone Layer	5	150
Construction of compost pits	NCC	Construction of compost pits	3	75
World Restart A Heart Day	NCC, NSS and Indian Society of Anesthesiologists, Sangli	Workshop on World Restart A Heart Day	3	170
National Unity Day	NCC	National Unity Day Rally	3	73
Blood Donation	NCC,NSS, Pasteur Club, Blood Bank, Government Medical College, Miraj.	Blood Donation and its awareness	9	200
World Environment Day	NCC	World Environment Day: Guest Lecture and rally	3	82
[View File](#)				

3.5 – Collaborations

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

Nature of activity	Participant	Source of financial support	Duration
Student Exchange for various lectures of Electronics	22	Self Finance	3
Guest Lecture Mandhangad College Mandhangad, World Population day	15	Self Finance	1
faculty exchange Application of Practical Geography Miraj Maha. Miraj	20	Self Finance	1
faculty exchange Guest Lecture on GIS day Miraj Maha. Miraj	15	Self Finance	1
Two day's Workshop on "basics in Mathematics"	140	Self Finance	2

M.Sc. Entrance coaching workshop	40	Self Finance	4

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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
Temporary	Project work sharing	Shreem IT Ltd, Jaysingpur Tal. Shirol Dist Kolhapur (MS)	25/08/2018	24/08/2019	33

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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
Smt. K. W. College, Sangli	05/02/2019	Research and faculty exchange and student project and lecture purpose	24
SHIVIM (Shivaji vidyapith Marathi shishak sangh)	08/01/2019	Marathi Bhasha vikas aani sanshodhan	169
Kasturbai Walchand College, Sangli.	07/03/2019	1)Faculties of each party shall visit the other and interact with the students by way of delivering lectures and interactive sessions in the subject. 2)Both parties shall organize joint sessions to students of both colleges on subject related matters	201
Marathi Vidnyan Prabodhini, Sangli.	05/08/2018	1)To organize joint programs for propagation of science. 2)To organize quiz, poster presentation	350

and model
presentation. 3)To
organize lectures
of eminent
scientists for
students and
Teachers. 4)To
organize workshops
for teachers of
schools and co

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CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
30	3.1

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing
Class rooms	Newly Added
Laboratories	Existing
Seminar Halls	Existing
Classrooms with LCD facilities	Newly Added
Seminar halls with ICT facilities	Existing
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Existing
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added

4.2 – Library as a Learning Resource

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

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
Vidyasagar	Partially	1.1	2012

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	13152	2835222	630	46135	13782	2881357
Reference Books	76346	7571141	147	53424	76493	7624565
e-Books	3135809	5957	0	0	3135809	5957
Journals	119	55000	0	0	119	55000
e-Journals	6237	5900	0	0	6237	5900
Digital	34	0	0	0	34	0

Database						
CD & Video	177	3000	0	0	177	3000
Weeding (hard & soft)	0	0	0	0	0	0
Others(specify)	7494	0	0	0	7494	0
Others(specify)	11	13000	0	0	11	13000
Others(specify)	45	0	4	0	49	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	Platformon which module is developed	Date of launching e-content
Dr.S. R. Kumbhar	Module 1 to 9	Electronics Text contents for learning B. Sc. I, II and III year students of Computer Science, Electronics and Physics	12/07/2018
Mrs. N. S. Joshi	Module 1 to 3	Electronics Text contents for learning B. Sc. I, II and III year students	12/07/2018
Dr. K. R. Datar	Classification of algae based on habitat	For Botany graduation students	07/03/2019
Dr. K. R. Datar	Caesalpiniaceae	For Botany graduation students	12/03/2019
Dr. K. R. Datar	Economic Importance of Caesalpiniaceae	For Botany graduation students	24/03/2019
Dr. K. R. Datar	Solanaceae	For Botany graduation students	05/05/2019
Dr. K. R. Datar	Economic Importance of Solanaceae	For Botany graduation students	05/05/2019
Dr. K. R. Datar	Nyctaginaceae	For Botany graduation students	25/05/2019

4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MGBPS)	Others

Existing	178	4	1	1	0	13	117	100	0
Added	0	0	0	0	0	0	0	0	0
Total	178	4	1	1	0	13	117	100	0

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

100 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
No Data Entered/Not Applicable !!!	

4.4 – Maintenance of Campus Infrastructure

4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurredon maintenance of physical facilites
1.82	1.82	3.95	3.95

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)

At the Society level, there are various bodies to govern the college assets. In order to provide qualitative education, the college has administrative and institutional system. The College Development Committee controls the working of college. The college has many additional courses on nongrant basis. The Advisory Committee works to regulate such courses. The time tables are acknowledged on line and offline .The committees follow continuous assessment of courses. The CDC resolutions got forwarded to the Sangli Regional Board of Life Members. The Central Purchas Committee negotiates with service providers. The Central Office of Pune, studies the resolution from finance, estate, legal, HR and IT point of view. Further, the Governing Body assigns the work order, the delegates at campus supervise the quality and precision of work. The feedback mechanism is followed to get improvement in physical and support infrastructure, from students, stake holders and parents. In case of academic infrastructure, the college has a separate mechanism. The college has Arts and Science streams with eighteen departments. The arts wing starts on 7.30 AM to 1.30 PM and the science wing starts from 10.45 AM to 4.00 PM. The classrooms and labs are allotted as per the students' batches of practical. The support systems are available to staff and students. The ICT lab has WiFi equipped computers. The UGC Network Resource Centre has five computers with WiFi connectivity. The three projectors are for staff and students. The department of Physical Education schedules the out door and indoor events. The Gymkhana Committee provides experts' guidance for athletics, cricket, kabbadi, khokho. The Gymkhana Hall has well facilitated with tabletennis, badminton, carom, chess and the gym. A number of students are successful on district, university, state and national competitions. The college library is fully automated. The Library Committee has schedule of text book and reference section for students, faculties and research scholars and stake holders. It is updated with NLIST, INFLIBNET and VIDYASAGAR softwares. The studyrooms for nearly hundred students are available with facilities. Despite the main library, each department has its sub library with internet access. The library runs special coaching cell for competitive exams. Rajarishi Shahu Chhatrapati Boys' Hostel and Girls'

Hostel have more than 150 students. The rectors upkeep all arrangements under the guidance of Hostel Committee. The accommodation is on affordable rates. The hostel committee arranges many cocurricular activities. The mess, canteen, security, cleaning and sweeping services are available on yearly contract. During the admissions and exams the freesupport is provided for documentation, zeroxing , counseling and banking. The 120 CCTV cameras are installed to govern the campus. The 4 AMCs are made with the outer agencies to maintain facilities of drinking water (RO and plumbing) , electricity, scanning and printing, computers ,network and telephone. There is a mechanism to monitor all renderings of facilities: the three suggestion boxes are installed and feedbacks from students, alumni, faculties, nonteaching staff, parents and stake holders. Through the frequent meetings and Society's guidance, the college leads towards full quality assurance of education.

http://willingdoncollege.in/pdf/IQAC/Procedure_and_policy.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	Endowment prizes to meritorious and needy students	23	18272
Financial Support from Other Sources			
a) National	Socially Backward Class	663	3136073
b)International	NIL	0	0
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5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
Yoga Training, International Yoga Day	12/06/2018	170	NCC cadets, NSS volunteers and all the Staff of WCS
Remedial Coaching for Slow Learner in Marathi	21/07/2018	10	Dept. of Marathi
Personal Counselling for exam. and Mentoring	03/07/2018	162	Dept of Electronics
Personal Counselling	23/07/2018	5	Dept. of Marathi
World Restart , A Heart Day	23/10/2018	80	NCC cadets, NSS volunteers IMA, Indian Society of Anaesthesiologist Sangli
Remedial Coaching for Slow Learner in	01/01/2019	7	Dept. of Statistics

Statistics				
9th Bhartiya Chhatra Sansad	18/01/2019	2	MIT Pune	
Remedial Coaching for Slow Learner in Chemistry	05/02/2019	22	Dept. of Chemistry	
Remedial Coaching for Slow Learner in Chemistry	07/02/2019	37	Dept. of Chemistry	
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5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passedin the comp. exam	Number of studentsp placed
2018	Guest lecture Computer Science , How to improve Analytical ability	69	103	0	0
2018	NET/SET Guidance	30	30	5	0
2018	Career Guidance Cell of Electronics	102	65	1	0
2019	Statistics Club	19	19	0	0
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5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
0	0	0

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Nameof organizations visited	Number of students participated	Number of stduents placed	Nameof organizations visited	Number of students participated	Number of stduents placed
B.Sc. C.S. BICS India Pvt Ltd	88	7	TCS Pune Uni. level Infosis	48	2

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

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to
2019	18	B. Sc.	Microbiology	Shivaji University, YCI Satara, University of Mysore	M. Sc.
2019	2	B. Sc.	Physics	Shivaji University	M. Sc.
2019	13	B. Sc.	Computer Science	CSIBER Kolhapur, VP Institute, Sinhgad Institute Pune	MCA , MBA
2019	24	B. Sc.	Chemistry	Shivaji University, PG Dept of various colleges	M. Sc.
2019	2	B. Sc.	Botany	Shivaji University	M.Sc.
2019	5	B. Sc.	Electronics	Shivaji University, Smt. K. W. College	M. Sc.
2019	5	B. Sc.	Zoology	Shivaji University	M. Sc.
2019	4	B.A.	Englih	Shivaji University	MA
2019	5	B. A.	Hindi	Shivaji University	MA
2019	11	B. A.	Marathi	Shivaji University, PG Dept of various colleges	M.A.
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5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
NET	4
SET	1
Any Other	2
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5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
Cricket (Staff)	Inter College	44
Carom	Institute	26
Cricket Men	Institute	220
Cricket Women	Institute	60
Kabbadi Men	Institute	45
Kabbadi Women	Institute	24
Football Men	Institute	60
Badminton	Institute	24
Chess	Institute	26
Youth festival at central level from three districts	University	350
Sadi day competition	Institute	72
Tie day competition	Institute	31
Rangoli competition	Institute	12
Mendhi Competition	Institute	26
Essay writing	Institute	10
Vividhgun Darshan	Institute	60
Muktachand	Institute	60

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5.3 – Student Participation and Activities

5.3.1 – Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one)

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2018	KHYMERA 2k18 organised by RIT Islampur	National	1	0	1, 2, 3	Rahul Chavan, Komal Nagargoje Pallavi Dalavi

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

Willingdon College always inspires the students' participation in different committees and events. The representation of students to these committees gave them an opportunity to express themselves. It also provides platform to present their difficulties. The student council was not formed as per Government of Maharashtra decision. This was best way for student participation in decision making and their involvement. Therefore for smooth functioning of college activities Principal nominated following students in consultation with concerned committee head. 1. Miss. Riya Sharma B.Sc.III Internal Quality Assurance Cell 2. SUO. Samir Mahamad Madarshaha B.Sc.III National Cadet Core 3. Mr. Jaydeep Patil B.A. National Service Scheme 4. Miss. Suchita Yellappa Kamble

B.A. Cultural activity 5. Miss. Vedhshri Samir Kulkarni B.A.I, Willingdonian Magazine

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

Registration No. 15569 dated 03/02/2012 Willingdon college is a college that is celebrating it's 100th year of fruitful existence. Alumni association is actively functional since 2000. It has produced eminent people such as VicePresident B.D. Jatti, M.P. V. S. Page, Lt. Governer Bidesh Kulkarni, Metro women Ashwini Bhide IAS, IGP Vijay Kamble, P.L.Deshpande to name a few. During current year four mega meets and 1995 passouts meet was held. On 21st Oct. 2018, about 250 exstudents attended the meeting in Fergusson college campus a donation of 1lakh was offered by alumni. Many distinguished personalities including actor Sudhir Moghe, veteran cricketer, Vitthal Joshi who is known for his "Chinaman". Mr. Rajan Shrikhande and Mrs. Anupama Barve attended meet. Many exstudents sung film songs of their college days. Many of them donated towards corpus fund the college instituted for Centenary celebration. Mr. Anil Bobe announced a generous donation of 1lakh to the corpus fund. Then on 29th Oct. 2018 a mega meet was held in Kirti college, Mumbai and about 200 exstudents attended the gathering a donation of 2lac was offered by different alumni. During this meeting Mr. Vijay Kamble IGP, Dharyasheel Nalavade, High Court pleader, Dr. Sharwari Pujari, surgeon KEM hospital. Sanjeev Khandekar well known artist and Sanjeev Shinde, Industrialist and President, Exwillingdonian association and veteran teacher Prof. S. P. Pandit and well known writer Girish Walawalkar, well known writer graced the occasion. Mrs. Maya Deshpande, Dr. Girish Walawalkar, Mrs. and Mr Sunil Aigalikar and Anupama BarveKulkarni organized the event. A mega meet was organized in Willingdon College campus on Sunday 23rd Dec. 2018 and about 350 exstudents attended the meet. During this meeting a donation of 2 lakh was handed over to college authorities by 1978 batch out of that 1lakh was donated by Mr. Mgarwadi and remaining 1 lakh was contributed by many persons of this batch and many more individual donations were received by the institute for corpus fund.As an innovative gesture, retired popular teachers lectures such as Prof. S. P. Pandit, Prof. S. S. Bodas, Dr. P. L. Kulkarni and Prof. N. S. Ambardekar were arranged college. This was a great event for the past students. On 24th March 2019, about 60, 1995 passouts gathered together and donated Willingdon college name plate displayed on the main building. They invited many retired teachers of their time. On 29th April 2018, mega get together of Department of Mathematics was arranged for the first time in the history of the department since 1922. About 100 students attended the meet. During 22nd Dec. 2018 to 26th Dec. 2018 different cultural programme was arranged exclusively by alumni of our college. On 22/12/2018 it was 'Natyasangeet', 23/12/2018 it was "Hindi film songs", 24/12/2018 it was 'Marathi sugamsangeet' and on 25/12/2018 'classical and semi classical' programme was organized. This event was fully sponsored by alumni. During this academic year more than 70 of guests invited for various functions as chief guests were exstudents of this institute.

5.4.2 – No. of enrolled Alumni:

2000

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

1845761

5.4.4 – Meetings/activities organized by Alumni Association :

This year being centenary year we organized three alumni meets. 1. October 21,

2018: At Fergusson College campus, Pune. About 300 past students attended the meet and a cultural programme was also arranged. 2. Mumbai meet was organized on 28th October 2018. About 100 exstudents attended the meet. 3. At Willingdon campus on 23rd Dec. 2018: About 300 exstudents attended the meeting. About 300 exstudents attended the meeting. 1995 B.Sc. pass outs met on 14th April: About 50 students from various places attended the gathering. Mr.Sandeep Pitaliya, Makarand Gosavi and friends took efforts to make it a success. They donated name plate of the college on the main building.

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)

Decentralized system is a key aspect of democratic governance for the development and utilization of human potential. The college has a decentralized system. 1) The CDC meetings are held twice a year to discuss and takes review of the development of the college. Representatives of teachers are members of CDC and the Principal is the secretary. The principal, as a leader of the college, conducts a meeting of all faculty members at the beginning of the academic year. There is academic distribution of work as per faculty and department and there are two Vice Principal for Arts and Science each. The college has formulated various committees to facilitate smooth functioning and conduct of all the activities in the college. The roles and responsibilities of the committee members are well defined. Each Committee has a "Convenor", who coordinates the meetings/ proceedings of the work of the committee including assigning responsibility to every member of the Committee. The academic calendar is prepared under the guidance of the Principal in consultation with the Heads of the departments. The different committees are formed for smooth functioning of the college. All the departments and committees prepare their action plan along with the academic calendar which is to be implemented. A decentralized functioning mechanism empowers the departments to function with a greater flexibility and at the same time they share the responsibilities. Departments are provided budget for their nonrecurring expenses and heads delegate work to their colleagues to ensure smooth completion of work in the expected time frame. 2) The IQAC communicates with other Statutory and Non Statutory Committees and also evaluates their performance. The IQAC meetings are conducted for planning and implementation of the decisions taken and communicated to the staff and students for implementation. The quality measures are decided in the meeting of the IQAC. For effective functioning of academic and administrative activities. To implement the quality measures decided by the IQAC, academic calendar is prepared and published on the website, before the commencement of the academic year. The college promotes a culture of participative management for effective and smooth functioning of the institute College teaching as well as nonteaching staff voluntarily participates in various academic, leadcollege activities, seminars and workshops. To improve the quality of such activities, the senior staff leadership avails precious guidance to juniors. The members of the staff have representation on different academic and administrative committees providing their individual creativity and skills. Inter departmental support is sought during seminars/workshops/ programs. Staff academy which is a forum for the staff, by the staff, involves exchange of ideas and sharing of experiences. Staff academy arranges sendoff function for retiring staff, lunch or dinner at term ends. Some committees like CDC, IQAC, NAAC Steering Committee, Grievances Committee, Purchase Committee, Library Committee, Examination Committee, Admission Committee, Examination Committee, Discipline Committee etc. promote participative management. Even the suggestions from the alumni, parents and representatives from society and industry are also considered as they are the members in various committees.

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

6.2 – Strategy Development and Deployment

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

Strategy Type	Details
Curriculum Development	The syllabi are prepared by the University in consultation with Board of Studies members and SubCommittee Members. Most of the teachers participate in the process of restructuring of the syllabi as Members of Academic Boards, Boards of Studies, and subject experts or as members of SubCommittees. BOS members contribute in the syllabus reframing. Various colleges of Shivaji University, Kolhapur organizes Syllabusrestructuring workshops, and teachers contribute their valuable inputs in workshops related to syllabus restructuring. The management supports teachers for effective translation of the curriculum by providing them infrastructure and facilities for selfdevelopment like training of teachers, attending FDP etc.
Teaching and Learning	Innovative methods of teaching. Assessment programs of the college. Development of research temperament in the college. Innovative and best practices of the college. The faculties are motivated to prepare resource material for teachinglearning. They worked as Guest lecturers, Subject experts, Examiners, Moderators, An observers, Ph.D. and M.Phil Guides, Referees, Coordinators, editors, Presiding officers in different elections, chaired persons etc. Some of the staff members use their laptops to enhance the teachinglearning process. Besides these, IQAC plays significant role in the teaching learning process in the following manner Encouraging use of innovative methods of teaching. Enhancing the infrastructural facilities, library facilities in the college.
Examination and Evaluation	Evaluation of students' knowledge through classroom /laboratory learning is a major component of evaluation. Tests, seminars, projects and homeassignments are taken for both U.G. P.G. courses. Internal Examination

	schedule is prepared based on the dates announced by the University. The first year examinations for the UG programmes are conducted by the college as per University rules. The faculty members are appointed as invigilator and examiners. The second and third year UG and post graduate examinations as well as practical examinations are conducted by the University as per its schedule.
Research and Development	For quality improvement, the college has well organized research Committee headed by Principal to promote research activities. The research committee inspires the teachers to prepare research projects, papers and participate in seminars and symposia. Adequate infrastructure and human resources are available in the college. The research committee gives its recommendations to management through IQAC. Teachers and students have been consistently participating in University level Research Festivals AVISHKAR and similar programmes organized by other colleges. Consultancy services are mainly offered by the department of Economics, Botany, Biotechnology, and Microbiology. All these consultancy services are honorary.
Library, ICT and Physical Infrastructure / Instrumentation	Library Well equipped college library having different sections for reference books, research journals, periodicals, university news and competitive exam books. Support of INFLIBNET to make the use of Library more effective and relevant. ICTThe college has provided computers with 100 MBPS net connectivity to all departments. Physical Infrastructure – The College has 22 acres of land which houses PG and UG Science and Humanities blocks, Guest House, Principal's and Life members' Bungalows, Teachers' Quarters, Separate Boys and Ladies Hostels, Instrumentation Instruments in the laboratories are well maintained and regular maintenance of instruments is also done through departmental budget.
Human Resource Management	The success of any organization is dependent on the quality of the Human Resources. The DES has separate HR management section which looks after the recruitment, training, development, performance appraisal and rewarding. Recruitment is in compliance with UGC,

	University and State Government rules. Regular performance appraisal of teaching and non teaching staff is done. Clock hour basis (CHB) appointments. Timely promotions and placements.
Industry Interaction / Collaboration	The Principal makes meticulous efforts to create network and collaborations with various organizations. It also helps to increase the student's placement in various fields. He also promotes the industrial tours to help the students for their overall development. Collaborations with different local institution and laboratories have been developed for the purpose of Internships, On job Training, Faculty Exchange, Research, Extension and Placements.
Admission of Students	The criteria adopted for admission to all programmes are based on merit and reservation as per rules regulations of Government. College website www.willingdoncollege.in provides all the information to the aspirants. Information regarding programmes offered, scholarships, freeships, hostel accommodation and other support facilities are provided in the prospectus available at College Store. However, notices providing details regarding admission process, forms, merit lists, seat allocations, fees structure admission policy is displayed on the notice boards. Admission of students takes place online by using software 'ERP'. All the record of admitted students is thus maintained in electronic format.

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

E-governace area	Details
Planning and Development	Academic calendar is prepared well in advance and is displayed on the website www.willingdoncollege.in. IQAC ensures smooth conduct of teaching learning and evaluation. It monitors the implementation of academic calendar, use of ICT tools and working of college
Administration	The college makes extensive use of e governance in administration. Almost all students, staff, alumni and stake holders are communicated by email, whatsup and messages.
Finance and Accounts	All the student related financial transactions in the college take place

	through softwareTally (ERP). Financial records are also maintained with the help of software.
Student Admission and Support	Admission of students takes place online by using software ERP. All the record of admitted students is thus maintained in electronic format.
Examination	Students have to fill admission forms online. Hall ticket is issued in e format. Results are displayed on university website. The result notice is informed through ERP to students

6.3 – Faculty Empowerment Strategies

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

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2018	Dr. B. V. Tamhankar	Two day National Level Seminar on Development of Curricula to Enhance the Quality of Outcome based Education	Tatayaheb Kore Engg. Institute of Technology , Warnanagar	500
2018	Mr. A. Z. Tade	Two day National Level Seminar on Development of Curricula to Enhance the Quality of Outcome based Education	Tatayaheb Kore Engg. Institute of Technology , Warnanagar	500
2018	Dr. B. V. Tamhankar	One day Workshop on Comprehension on Revised Acceleration	LBS College, Satata	500
2018	Mr. A. Z. Tade	Two day National Level Seminar on Development of Curricula to Enhance the Quality of Outcome based Education	LBS College, Satata	500
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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
Orientation course in Chemistry	1	01/01/2019	28/01/2019	28
Refresher Course in Disaster (Economics)	1	04/09/2018	26/09/2018	21
Refresher Course in Recent Trends in Teaching Learning Technologies (Economics)	1	08/12/2018	28/12/2018	21
Refresher course in English (Online)	1	01/11/2018	28/02/2019	120
RC in English	1	11/10/2018	31/10/2018	21
RC in English	1	08/12/2018	28/12/2018	21
RC in Marathi	1	30/10/2018	20/11/2018	21
RC in Sanskrit	1	11/10/2018	31/10/2018	21
RC In Electronics	1	08/12/2018	28/12/2018	21
RC in Chemistry (Online)	1	08/12/2018	28/02/2019	90
FDP in Data Science	3	10/12/2018	16/12/2018	07
FDP in Data Science	3	14/05/2019	20/05/2019	07
FDP in Cyber Security	1	30/01/2019	05/02/2019	07
FDP in Cyber Security	1	04/05/2019	10/05/2019	07

FDP in English	1	12/12/2018	18/12/2018	07

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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	16	0	1

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
1. Financial assistance/loans for various reasons by the Willingdon Mahavidyalaya Sevak Sahakari Patsanstha. 2. Priority in admission to the wards of the employees. 3. Felicitation by the management for achievements of the employees and their wards. 4. Deputation of faculties and staff for FIP. 5. In emergency, advance amount is given to the teaching staff. 6. RO drinking Water facility 7. Reimbursement of medical expenditure.	1. Financial assistance/loans for various reasons by the Willingdon Mahavidyalaya Sevak Sahakari Patsanstha. 2. Priority in admission to the wards of the employees. 3. Felicitation by the management for achievements of the employees and their wards. 4. Reimbursement of medical expenditure. 5. In emergency, advance amount is given to the nonteaching staff. 6. Diwali Festival advance for members of supporting staff payable in easy installments before the financial year ends without any interest. 7. RO drinking Water facility 8. Share of the EPF is borne by the college for nongrant staff . 9 .A pair of uniform dress to class IV nonteaching staff.	1. Student Aid Fund and Fee Waiver for needy and economically backward students. 2. RO drinking Water facility 3. Network Resource Centre 3. All sports and Gymkhana Facilities 4. For girl student Vending machine is installed. 5. Online admission ERP system. 6. Value added Course 7. Foreign Language courses 8. Certificate courses

6.4 – Financial Management and Resource Mobilization

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

Willingdon college is under DES. DES has its own internal auditors. They regularly audit the documents of Willingdon College. Internal audit of the college is carried out by the DES Central office whereas the external audit is carried out by the Joint Director of Higher education, senior auditor and the General Auditor of the State.. Statutory audit for the year 201819 is completed through DES by S. M. Ghatpande and Associates. There is no any audit objection in the auditor's report.

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

Non govt. Agencies, firms, individuals etc. (total 185 individual persons and two non govt. agencies)	2752754	For Building and centenary functions

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6.4.3 – Total corpus fund generated

1682261.00

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	Yes	From parent institute expert team	Yes	Team of local experts
Administrative	Yes	From parent institute expert team	Yes	Team of local experts

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

Parent – Teacher Association is actively working in Department of Computer science. It creates personal rapport with the parent by one to one interaction between parent and class teachers. It is helpful for students further growth.

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

1. Safety measures lecture by Dr. B. V. Tamhankar for the Security staff members 2. Cyber security programme for Computer Maintenance staff organized by B. Sc. Comp. Science department. 3. General health checkup was arranged on 2/1/2019 for all support staff.

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

1. Certificate Course in German and French Language commence from this year. 2. Process for Teacher Evaluation by student' as well as Feed back on Support Services and Feed back from Parent for the Academic year 201819 was initiated in December 2018 3. Proposal for M.Sc. Physics is submitted. 4. Rain water harvesting project has been started from this year. 5. Academic and Administrative Audit (AAA) has been initiated

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	Centenary Lecture series	06/08/2018	06/08/2018	10/08/2018	300

2018	Basic of Intellectual Property Rights	20/12/2018	20/12/2018	20/12/2018	52
2018	Teacher evaluation and feedback system initiated for students	26/12/2018	26/12/2018	31/12/2018	900
2019	Brihanmaharahtra Prachyavidya Parishid Symposium (National Conference)	02/02/2019	02/02/2019	04/02/2019	143
2019	National Conference on Recent Trends and Innovations in Research fiends in Science, Humanities and Languages	13/02/2019	13/02/2019	13/02/2019	302
2019	Academic Administrative Audit (AAA) process initiated	22/06/2019	22/06/2019	22/06/2019	90

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
One Day Workshop on RajarshiShahu's Domestic Violence Prevention Act 1919	30/08/2018	06/09/2018	101	98
Guest Lecture on Woman Empowerment	12/01/2019	12/01/2019	30	19
Solution and Remedies in	18/02/2019	18/02/2019	80	0

| Naturopathy on Pre and Post Menopause Aliments | | | | | | | |

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
Willingdon College is committed to the implementation of 17 SDGs given by United Nation Organisation at its' own microlevel.College is practising environmental audit regularly for sustainable consumption of its' available natural resources. Water, energy in the form of electricity, paper and biodiversity are some of the resources for which environmental audit has been done so far. For each type of resource first of all source, type and quantity was estimated. Then gap between demand and supply was observed.Overconsumption of resource was also noted. Based on this information, conservation practises for particular resource was suggested and implemented.Use of renewable energy sources like solar water heater system in Ladies Hostel have reduced consumption of electricity in the college campus. The LED tubes and bulb are used to reduce the electricity consumption. Proposed 'No Vehicle Day'in each month will contribute in reduction of carbonfoot prints by college campus to some extent.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Ramp/Rails	Yes	2

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2018	2	1	24/09/2018	12222	Guest Lecture on Construction of Compost	Compost pit and its uses from agriculture point of view	80

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
One day Workshop on Universal Values and Soft Skills Development	28/12/2018	28/12/2018	70
Guest Lecture on	17/01/2019	17/01/2019	45

Language Culture And Archeology				

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

1)Continued 'EnvironmentalAudit' practice. 2)Construction of rain water harvesting structure with the help of Tarun Bharat Sangh, Rajasthan. 3)For rain water harvesting detailed training was given to the participant students of S.Y. B.Sc. and B.A. 4)Local verities of plants were planted by various departments of the college as a part of biodiversity conservation. 5)Observed 'No Vehicle Day'. 6)Encouraged students to use bicycles while coming to college to reduce carbon footprints. 7)For conservation of electricity number of CFL and LED bulbs were increased. 8)Segregation of solid waste as biodegradable and nonbiodegradable. 9) Management of biodegradable waste by the process of simple composting. 10)Recycling of EWaste.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Best Practice I 1. Title of the practice : Endowment Prizes for Meritorious Students 2. Goal :To encourage the students to excel in academic and cocurricular activities as a part of social agenda. Endowment prizes are given to eligible students hailing from weaker sections of the society as well as merit students. 3. The Context: Endowment funds are accounts set up by college in which the principal amount remains unspent. The interest and earnings are used for students welfare interest in the form of prizes in various academic events. An endowment prizes are financial assets, in the form of a donation made to college that may or may not have a stated purpose at the bequest of the donor. For this purpose college is dependent on the continuing goodwill of donors. Most endowments are designed to keep the principal amount intact by keeping the amount in the banks and the interest is given as Prize cash. Endowment funds also give fundraisers the opportunity to solicit large gifts and bequests to ensure the long term stability of the college. Donors of this endowment appreciate the existence of an endowment fund as a means to plan for the future and not just surviving in the present. Following are the advantages of the college from Endowment Prizes: • Create a continuous source of income for meritorious students. • Enhance stability and of merit and prestige of college. • Relieves pressure from the annual expenditures. 4. The practice The College has received handsome donation from Staff, Alumina and others philanthropists towards endowment prizes for merit students. The endowment prizes are given since 1935 having amount of 19,524/ every year. The total students selected are 50. Every year, number of prizes as well as amount is increasing. The college has the distinction of being the first institution among the UG Colleges to distribute the endowment prize under the Shivaji University. The practice is continuously followed as a tradition till today. Large number of meritorious students received the benefit of these prizes and achieved success. • AWARDS PRIZES List of endowment prizes given every year by the college – S. No. Endowment Prize Requirement Amount in Rs. 1 Smt. Sumati Pandit Award Intelligent and skilled Prof. at senior college. 720.00 2 Shri R. V. Kanetkar Award Best nonteaching administrative staff 720.00 3 Smt. Indrabai Gangadhar Kelkar First in BAIII 300.00 4 Smt. Shantabai Ramchandra Joshi Highest Marks in Geography at BAIII 144.00 5 Shri DamodarWaman Karandikar Highest Marks in Chemistry at B.Sc.III 720.00 6 Prof. S. N. Joshi Highest marks in Chemistry practical in college at B. Sc. III 180.00 7 Prin. T. M. Joshi Highest Marks in Economics at B. A-III and PG admission 792.00 8 Shri Gangahar Ballal, Rahimatpur Highest marks in English at XII and Admission in next class 216.00 9 Smt. Parvatibai Gangadhar Damale, Rahimatpur Highest marks in Chemistry at XII and Admission in next class 216.00 10 Smt. Janakibai Madhavrao Devdhar Highest marks in Biology at XII and Admission in next class 216.00 11

Shri Ramchandra Gandhar Damale Highest marks in Maths at XII and Admission in next class 216.00 12 Prof. Suresh Govind Joshi Highest marks in Chemistry at B.Sc. II and Admission in next class 360.00 13 Smt. Arankebai First in B. Sc I at Botany in college 216.00 14 Smt. Arankebai First in B. Sc II at Botany in college 324.00 15 Smt. Arankebai First in B. Sc III at Botany in college 540.00 16 Smt. Usha Badagi Memorial First in B. Sc III at Electronics in college 540.00 17 Smt. Shakuntala Chintaman Khadilkar Highest marks in Chemistry at B.Sc. II and Admission in next class 720.00 18 Dr. Shankar Toro First in B. Sc III at Electronics in college 720.00 19 Shridhar Narhar Deval First in girls at HSC Exam 1080.00 20 Prin. K. M. Agase First in B. Sc. II in Maths and admission in Maths at B. Sc. III 1800.00 21 Shri Waman V. apate First in B. A III at Sanskrit in college 432.00 22 Prof. R. P. Kaulgud Highest marks in Electronics at B.Sc. II and Admission in B. Sc. III Electronics 1800.00 23 Prof. D. C. Phadake Highest marks in Physics at B.Sc. II and Admission in B. Sc. III Physics 1800.00 24 Smt. Jayashri Gururaj Hanche Hindi Prize Highest marks in Hindi at B. A –III and PG admission 1260.00 25 Prof. R. N. Joshi Highest marks in Physics practical in college at B. Sc. III 1188.00 26 Shr ShrikantWamanAbhyankar Highest Marks at Mathematics at XI exam in college 216.00 5. Evidence of success The college has a tradition of distributing the endowment prizes since 1935 till date. Large number of needy students have grabbed this opportunity by showing their excellence in the various academic events. More than 26 endowments prizes are given every year. Apart from this the scholarships are also given to the needy students. The increase in competency level of the students is seen while scrutinizing the prizes. 6. Problems encountered and resources required • The endowment amount which was kept in the earlier period was very small,so it can't be distributed to the students on large scale. • The contact of the donor is difficult due to the change in the contact address. • The past donors are not showing any interest to restructure the endowment. • To some donors, the college has a sufficient fund for the various activities hence it limits on donation in fund. • Restrictions due to insufficient amount and regularity. Practice II 1. Title of the practice :Memorial Lecture Series 2. Goal :To recall the memories of eminent Economists Prof. T. M. Joshi as well as to inculcate the economic temperament among the students, every year Department of Economics and arranges memorial lecture series. To recall the memories of late hon. V. S. Page pioneer of ROJGAR HAMI YOJANA as well as to inculcate student the valuable and precious thoughts of the wellknown personalities of various sectors. To recall the memories of well known the first Principal of Willingdon College " Late hon. G. C. Bhate" lecture series started. 3. The Context Prof. T. M. Joshi VICHARMANCH Willingdon College, Sangli has established "T. M. Joshi VICHARMANCH" in 1994 at the hand of Prof D. A. Dabholkar. ExVice Chancellor of Pune University. Since then every year a lecture of the eminent economists in memory of Prof. T. M. Joshi has been organized. Eminent economists from different areas of specialization have delivered lectures till date. This year on 8/2/2019 Guest lecture was arranged on ' Inclusive growth : Problems and Prospectus' of Dr. AnilkumarWavare. V. S. Page Goal To recall the memories of pioneer of ROJGAR HAMI YOJANA as well as to inculcate student the valuable and precious thoughts of the wellknown personalities of various sectors. Willingdon college, Sangli has established V.S. Page Vicharmanch in 1990 at the hand of Shri Balasaheb Bharade Social Worker, Maharashtra Legislative Assembly. Since then every year lecture of the eminent scholars of various faculties. In this year on 27/02/019 guest lecture was arranged on Indian Economy: Yesterday and Todayof wellknown Economist Dr. Vinayak Govilkar. G. C. Bhate G.C. Bhate was first Principal of Willingdon College, Sangli. The lecturer Series started from academic year 201819,related to environment science, Biodiversity, on conversional Sources etc.This year on 28/02/2019 guest lecture was arranged on Wealth generation through Science and Technology' by Dr. Jyeshthraj Joshi, Former Director Institute Of Chemical Technology ,Mumbai. 4. The practice Every year the Prof.

T. M. Joshi VICHARMANCH lecturesseries s arranged by the department of Economics. The lectures of eminent economist were arranged on the current topics for the students and staff. Till now economists from different areas of specialization like Prof D. A. Dabholkar, Dr. R. R. Doshi, Prin. Dr. S. S. Sahstrabudhe, Prin. P. J. Tamhankar, Dr. A. R. Podoshi, Dr. D. V. Jahardar, Prof. Gangadhar Gadgil and J. F. Patil. have delivered lectures. Every year the V.S. Page Vicharmanch lecture series arranged the lecturers of well known personalities of various sectors. Till now from different areas eminent personalities like Shri. Balasheb Bharade, Shri. Shantaram Garud, Dr.J.F Patil, Dr.Vishwas Patil, Dr. Gangadhar Pantawane, Prof. Keshaw Meshram , Dr. S. N Navalgundakar delivered lecturers. G.C. Bhate Memorial Lecture series started from academic year 201819. Guest Lecture was arranged on on 28/02/2019 on the Wealth generation through Science and Technology by Dr. Jyeshthraj Joshi, Former Director Institute Of Chemical Technology. 5. Evidence of success The lectures of scientist helped the staff and students to know the economic trends and developments. Some new trends and developments are also discussed in the memorial lecture series. 6. Problems encountered and resources required • Funds for the memorial lecture series are limited. • Due to the busy schedule of University and other examinations, it is sometimes difficult to organize the lectures of eminent personalities. • It becomes difficult to manage the time schedule of periods and other students timing for lecture series.

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

http://willingdoncollege.in/pdf/IQAC/Best_Practices.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

Deccan Education Society was founded on 24th Oct. 1884 by Lokmabnya Bal Gangadhar Tilak, Waman Shivram Apte, Mahadev Ballal Namjoshi, Gopal Ganesh Agarkar and Krishnaji Chiplunkar. Chatrapati RajrshiShahu Maharaj was its first president Willingdon college was founded by D.E.S in 1919 with the noble intention of making education available in the region of western Maharashtra .It is a matter of great pride and prestige for us that our college completed hundred years in 2019 playing role of a light house of knowledge. "Union is strength'' is the motto of our parent institute and practicing it our college organized several programmes to commemorate the completion of the centenary in 2019. Our students got the opportunity to listen such stalwart of as Dr. Raghbnath Mashelkar, Indrajit Deshmukh, Sushil Pandit, Ashwini Bhide and Popatrav Pawar who imparted their views during the Lectures series organized by our college this year. We successfully organized Brihan Mahararstra Prachya Vidya Parishad, a National Conference on Research trends and innovations in Research Fields Of Science, Humanities and Languages in 2019.We also successfully conducted a Certificate Courses in Foreign Language and started G. C. Bhate Lecture Series this year. This rich heritage and glorious history of 100 years is our Institutional Distinctiveness and we look forward to enable students and society to achieve glorious success in the years ahead.

Provide the weblink of the institution

http://willingdoncollege.in/pdf/IQAC/Willingdon_College_Distinctiveness.pdf

8.Future Plans of Actions for Next Academic Year

In order to achieve the college goal, stage wise objectives are determined. To consider the colleges long standing history of the academic commitment to society, the strategic plan is prepared. It makes possible to track the progress. Moreover, it fortifies the thoughtful and aspirational consideration of the

challenges and opportunities before the college. The challenges and opportunities are identified through the analysis of faculty, staff, students, alumni, parents and the society input. Feedbacks are constantly accepted for examining parts of the mechanism. It enforces the collaborative spirit approach to continue the mission of the educational excellence. Specifically, the future plan includes four aspect of the college: Administration, students, faculty and society. In order to expand the higher education and growth of social participation in the process of education with different aspirations, the college plans to enlarge infrastructure for classrooms, administration and library. To empower the absolute use of infrastructure, the guidance by placement and career counseling cell is made available. The competitive environment will be prevailed through reinforcing faculty interactions. The college has MoUs with other institutions, however to enhance uniformity under the Deccan Education Societys colleges the MoUs with Fergusson, Kirti Agriculture college are to be made. The exchange and improvement is possible through the lead college activities and CBCS workshops. Certainly, it will enrich thenumber of beneficiaries among the faculties and students. The college is going to start up some PG courses in History, Political Science and Sociology on distance mode. So it will provide opportunity for external students to learn subjects those are helpful to competitive exams. The plan is in progress to start M. Sc. in Physics. To start addon courses is a part of plan in future. The approach in its starting is to increase the involvement of alumni in development and student oriented activities. To strengthen research activities, many conferencesand seminars are to be organized. The new laboratories of Physics and Chemistry will encourage research activities. On social level ,the programmes for woman empowerment, social and skill development will be launched. The formation of parentteacher association for senior college is aimed to promote interactions to shape students' overall progress. ICT is now the keyword of efficiency, hence the comprehensive training is preferred to the teaching and non teaching staff for ICT enhancement. The library is the multiple powerful source of knowledge next to the lectures. So it is planned to provide funding on a large scale to make the library a multifaceted resource centre of knowledge. It will become a backbone of academic asset of college. To empower sports and physical abilities of students, it is determined to improve Gymkhana facilities. The college has already begun paperless campaign, further it will enforce with full preference to online correspondence. So the ERP software is made mandatory for institutional communication.It will positively result into the systematic administration with transparency, clarity, accountabilityand efficiency. The plan will be successful not just due to the fulfillment of keyperformance indicators but because of achievement of educational excellence.