

BHS Higher Education Society

VIJAYA COLLEGE

R V ROAD, BASAVANAGUDI, BANGALORE – 560 004



The Annual Quality Assurance Report (AQAR) of the IQAC

2018 – 19

Submitted to



राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद्

विश्वविद्यालय अनुदान आयोग का स्वायत्त संस्थान

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

An Autonomous Institution of the University Grants Commission

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VIJAYA COLLEGE

R V ROAD, BASAVANAGUDI, BANGALORE – 560 004

ANNUAL QUALITY ASSURANCE REPORT : 2018 – 19

Part – A

Data of the Institution

1. Name of the Institution
- Name of the Head of the institution :
 - Designation:
 - Does the institution function from own campus:
 - Phone no./Alternate phone no.:
 - Mobile no.:
 - Registered e-mail:
 - Alternate e-mail :
 - Address :
 - City/Town :
 - State/UT :

• Pin Code :

2. Institutional status:

• Affiliated / Constituent:

• Type of Institution: Co-education/Men/Women

• Location : Rural/Semi-urban/Urban:

• Financial Status: Grants-in aid/ UGC 2f and 12 (B)/ Self financing (please specify)

• Name of the Affiliating University:

• Name of the IQAC Co-ordinator :

• Phone no. :

Alternate phone no.

• Mobile:

• IQAC e-mail address:

• Alternate Email address:

3. Website address:

Web-link of the AQAR: (Previous Academic Year):

4. Whether Academic Calendar prepared during the year?

Yes/No....., if yes, whether it is uploaded in the Institutional website:

Weblink:

5. Accreditation Details:

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 st Cycle	B++	NA	2004	16/09/2009
2	2 nd Cycle	A	3.07	2010	28/03/2014
3	3 rd Cycle	B	2.80	2016	16/03/2021

6. Date of Establishment of IQAC : **05/01/2005**

7. Internal Quality Assurance System

7.1 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
IQAC meeting to discuss 1. Calendar of events for the odd semester, 2. Formation of Advisory committee and 3. Quality initiatives to be adopted by IQAC	14/06/2018	15
Class teachers meeting Formats provided to all for the process of mentoring	24/07/2018	38
General staff meeting To discuss academic activities of the college	11/08/2018	90
IQAC meeting to discuss 1. Review of Plan of action and achievements of the academic year 2017 -18 2. Utilization of CPE funds 3. Conduct of workshops/seminars under CPE funds	17/08/2018	13

CPE committee meeting along with advisory committee Utilisation of CPE funds	21/08/2018	13
IQAC meeting (members) Plan of action 2018-19	22/09/2018	15
HODs meeting Agenda: Student attendance, Internal assessment, Practical exams, NAAC assessment workshop	01/10/2018	21
One day orientation workshop on "Awareness of revised NAAC framework & strategies to Achieve academic excellence"	05/10/2018	120
Science HODs meeting Agenda : Resolution on lab equipment purchase	22/10/2018	12
IQAC meeting to discuss calendar events for even semester and the result analysis of 2017-18	22/01/2019	13
General staff meeting Agenda : Review of odd semester functioning, Plan for even semester	24/01/2019	92
Class teachers meeting Role and responsibilities a review	16/02/2019	42
IQAC meeting to discuss the progress of NAAC accreditation process	20/05/2019	13
AQAR submission	On line submission	
Academic audit and PBAS format	Given to all staff members to be filled for 2018-19	120

Note: Some Quality Assurance initiatives of the institution are:

(Indicative list)

- Regular meeting of Internal Quality Assurance Cell (IQAC); timely submission of Annual Quality Assurance Report (AQAR) to NAAC; Feedback from all stakeholders collected, analysed and used for improvements
- Academic Administrative Audit (AAA) conducted and its follow up action
- Participation in NIRF
- ISO Certification
- NBA etc.
- Any other Quality Audit

8. Provide the list of funds by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/ Department/Faculty	Scheme	Funding agency	Year of award with duration	Amount Rs
COLLEGE	CPE	UGC	2016- 2021	1,20,00,000

9. Whether composition of IQAC as per latest NAAC guidelines: YES

*upload latest notification of formation of IQAC **12/06/2018**

<http://vijayacollege.ac.in/iqac.html>

10. No. of IQAC meetings held during the year: **06**

The minutes of IQAC meeting and compliance to the decisions have been uploaded on the institutional website : YES

<http://vijayacollege.ac.in/pdfs/IQAC%20meetings%202018-19.pdf>

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)

- Organising the orientation program for the students of first year.
- Conduct of Bridge courses for first year students
- Motivating teachers to adapt ICT in teaching
- Online Student evaluation of staff is carried out
- Facilitating the departments to analyse the student results.
- Monitoring and facilitating different activities of the college
- Facilitating computerization of admission process
- Online fee payment process

- Motivating teachers to take up Minor Research Projects and student projects and publish reports in college Magazine. Facilitating departments to organize seminars, conferences and workshops
- The IQAC, through its activities, has been an agent of change in the institution ensuring efficient performance of academic and administrative tasks.

13. Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year

SL. No.	Plan of Action	Achievements/Outcomes
1	Academic: To enhance the sanctioned intake student capacity for B.Sc. (CBZ) and B.Sc. (BcGMb).	The college applied for the enhancement to Bengaluru Central University and has been sanctioned with additional 20 seats
2	Initiate Business Lab for B.Com. and BBA students of all the three years at 2 hours per week per student	All the laboratory facilities with computers are provided to start the business lab. Business Lab initiated.
3	Initiate department libraries in UG and PG departments.	Mathematics (UG), Physics (PG) has started Departmental libraries
4	To take stock of all the books in the library and also the books given to departments.	Library has taken the stock for the academic year 2018-19
5	To automate the generation of internal assessment marks based on the respective criterion	The automation of internal assessment marks based on three criteria namely, Attendance, Assignment/seminar/field work and unit test is carried out.
6	Initiate a computer centre equipped with internet, self – learning communications skill software, headphones, NPTEL resources, e – books and e – journals	The new computer centre is created with 35 computers and other facilities.

7	Orientation to all commerce and management staff in the use of Excel and Tally software	Orientation was conducted for one week period in the month of May/June 2018.
8	To initiate the Swayam program and the MOOCS program in the college	Yet to be taken up. Teachers suggested to complete the refresher course online through SWAYAM ARPIT program.
9	To initiate online submission of reports from departments to IQAC in every two weeks	Reports are submitted at end of the academic year as of now.
10	Administrative : Distribution of CPE funds to different departments for the purchase of equipment and inviting tenders to complete the purchase process	Funds are allotted to departments to purchase equipment and the process of acquiring the equipment is complete.
11	To start online fee collection	On line fee collection is being done
12	Infrastructure : To replace the existing black boards in about fifteen class rooms with Ceramic Magnetic boards using UGC – CPE funds	Ceramic Magnetic boards are installed in 18 class rooms.
13	To install LED projectors in atleast 20 class rooms	25 projectors are acquired and are yet to be installed.
14	Wiring for all class rooms : electrical and LAN	The process is on.
15	Two row parking for two wheelers in the college campus to be floated by erecting 2ft height walls	The work is completed.
16	To furnish the Business Lab in High School building with the computer tables, stools and chairs	The Business lab in the High school building is ready.
17	Sports and Physical Fitness :To conduct Yoga classes for staff and students	A room is allotted in the High school building to conduct Yoga classes. The classes are held regularly.
18	To renovate the playground by sand filling to compensate for top soil layer erosion due to heavy rains and ageing	The playground is being renovated in stages.

19	Redo the cricket pitch and encourage everyday net practice of cricket. Conduct intercollegiate Basket Ball tournament	The process is being explored.
20	Acquire table tennis tables and new shuttle badminton nets.	Three table tennis tables are acquired.
21	Environment concerns : Planting tree saplings around the playground boundary to enhance greenery in the campus.	Few tree saplings were planted around the field with the help of Green Bengaluru – Adhamya Chetana under the chief patronage of Sri. Ananth Kumar, MP of the area and Hon'ble Union Minister for Chemicals & Fertilizers. The entire management along with Mr. Ananth Kumar, Mr. Uday Garudachar (MLA), in collaboration with Jeeva Vijaya, Life Science Alumni planted saplings and conducted environment awareness program on 10/6/2018.
22	Planting “Indoor Saplings” below the metro line on R V Road stretch of the college in consultation with the Bangalore Metro Corporation.	The process is being explored with metro (BMRCL).
23	To implement “Plant Adoption” by students to nurture the greenery in and around the college campus. Labelling the plants and their foster student names for the plants adopted	The botany department is undertaking this work.
24	Environmental audit to be undertaken. (An assessment of the extent to which an organization is observing practices which minimize harm to environment)	Students of life science are surveying the types of plants present in the campus.
25	Quality initiatives : To conduct orientation program for staff and to discuss about the implementation of new NAAC guidelines. The program to be conducted on 5 th October 2018	The program was conducted and the details are given in annexure
26	Student Feedback to be computerized.	Online student feedback has been generated and implemented with the help of

		Vijaya Vaanijya Alumni(VVA). Mr. Manoj Kumar Sharma has helped us float the online student feedback system as a Microsoft cloud application.
27	Teacher performance reports would be provided individually.	Being provided
28	Oral feedback sessions with students having good attendance in classes every semester.	The principal and the student grievance cell are collecting the information and a report is generated.
29	Interaction with each department staff to enhance the quality of academic work and improve results.	The advisory committee is working on this.
28	Annual self-assessment for Performance Based Appraisal System (PBAS)	PBAS proforma is being distributed to all the staff members and reports are being received.
29	Academic and Administrative Audit (AAA)	Academic audit proforma is given to all staff members and reports are being collected.

14. Whether the AQAR was placed before statutory body? YES

Name of the Statutory body: **BHS Higher Education Society**

Date of meeting(s): **25/11/2019**

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: **2018-19** Date of Submission: **30/03/2019**

17. Does the Institution have Management Information System?

NO

Part-B

CRITERION I – CURRICULAR ASPECTS

1.1 Curriculum Planning and Implementation

1.1.1 Vijaya College has the mechanism for well-planned curriculum delivery and documentation.

1. At the start of each semester, departments will conduct meeting to discuss the distribution of syllabus to each teacher. Academic planner is prepared. Every department prepares calendar of events in line with the college calendar of events to execute the department events and to complete syllabus in stipulated time.
2. The college provides a well-constructed weekly Routine/Schedule/ time table for each semester. The departments follows the given schedule meticulously.
3. For effective teaching in a classroom along with Chalk and Black board method, ICT-enabled teaching-learning methods are adopted. Scientific models and charts are used for effective lecture delivery.
4. **Study materials** are distributed to students through e-mail, WhatsApp, uploading to college website etc..
5. Assignments, Model papers and previous year question papers are given to students.
6. Discussions are held in the class about topics of study and students are encouraged to answer questions and ask questions. Group discussion amongst the students during the class are being held. Students are encouraged to give seminars.
7. Adequate instrumentation facility is given to the students for their practical classes in different science departments.
8. Field works and educational tours are carried out by the departments.
9. Project work, dissertations are conducted for fulfilment of their degrees. Seminars and special talks by experts are also arranged regularly for advance studies.
10. Unit test for all the students of the college, preparatory exams by respective departments, regular assessment in practical classes, viva-voce, are done to

keep track of the improvement by continuous evaluation. Remedial and tutorial classes are also conducted based on requirement.

11. Departments maintain the detailed record of the classes, assessments, project reports etc. College administration also keeps a vigilant eye on the results.
12. Record of different activities of the college regarding teaching learning, development and improvements of different methods of effective curriculum delivery are maintained.

1.1.2 Certificate/ Diploma Courses introduced during the Academic year

Name of the Certificate Course	Name of the Diploma Courses	Date of introduction and duration	focus on employability/ entrepreneurship	Skill development
Botany : Course in Ethnobotany (Tribal medicine)	-	29/08/2018 Four months up to 26/02/2019 Duration 90 days	This is a new field for career option.	The knowledge of tribal medicine will lead to few self medication that can be done at home

1.2 Academic Flexibility **NA**

1.2.1 New programmes/courses introduced during the Academic year

Programme with Code	Date of Introduction	Course with Code	Date of Introduction

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	UG	PG	Date of implementation of CBCS / Elective Course System	UG	PG

NA				
1.2.3 Students enrolled in Certificate/ Diploma Courses introduced during the year				
No of Students	Certificate	Diploma Courses		
64	<p>Botany : Add on course in Ethnobotany (Tribal medicine)</p> <p>Offered by Trans Disciplinary University(TDU), Yelahanka, Bangalore, formerly known as FRLHT.</p> <p>30 hour course with 2 credits. Started from September 2018 to February 2019</p>	NIL		
10 (Level 1) 10 (Level 2)	<p>(ongoing) Electronics : Certificate course in (Level 1) POWER SUPPLY DESIGN AND CONSTRUCTION</p> <p>(Level 2) POWER SUPPLY DESIGN AND CONSTRUCTION WITH SMPS CONCEPTS</p>	NIL		

1.3 Curriculum Enrichment

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

Value added courses	Date of introduction	Number of students enrolled
<p>Pre placement training – Personal effectiveness, Effective communication skills, Team building skills, Quantitative aptitude, Verbal English and Leadership skills</p> <p>Conducted by Smayan Foundation</p>	27th Feb to 12th Mar, 2019	Final year BCom,, B.Sc., BCA and BBA students – 500 students

Seminar/ Conference Conducted by	Title of the Seminar / Workshop/ Conference	Organized in collaboration with	Date	Amount Spent	No. of participants
Chemistry and Biochemistry	Workshop on Hands-on Training on laboratory Equipment and Instrumentation for faculty and research scholars.	Equiptronics, Mumbai in association with department of studies in chemistry and Biochemistry of Bangalore University, Bengaluru Central University and Bangalore North University along with Chemistry Teachers Forum	12 th and 13 th March 2019	32,000=00	50 teachers from different colleges, 25 PG students
Microbiology	“Hands on Training on Manual API Identification and API Web”	BIOMERIEUX India Pvt Ltd	On 24 th & 25 th September, 2018	71,400=00	60
Microbiology :	National level workshop on “Hands on training on Synthesis Of Bio-Nanoparticles And Their Anticancer Activity”	Team make intern, E-cell event IIT-Kharagpur	5 th &6 th February, 2019	80,000=00	72
Physics (UG)	Workshop on Nuclear Reactions and Elementary Particles	Bangalore University Physics Teachers Forum	10th October, 2018	24,025=00	50
Physics (PG)	In-house Conference on Modern Day Physics & Commemoration of A. P. J. Abdul Kalam’s Birthday Department’s wall magazine, ‘Prakruthi’ was displayed		15 th October, 2018.	-	50

Details of Guest lectures conducted by different departments

Department and date of conduct of lecture	Resource person and his biodata	Topic	Number of participants
Chemistry 27-07-2018 11.30 AM to 1.30 PM	Dr. B P Harichandra Associate professor M. S. Rammaih institute of technology, Bangalore	Traditional indian sciences in reference to rasa- shastra	120
Chemistry 25-02-2019 11.30 AM to 1.30 AM	Dr. Manjunathan.P Post Doctoral research associate Poorna Prajna institute of scientific research Bangalore	heterogenous catalysis and present day importance	110
Biotechnology August 8, 2018 2.30pm	Dr. Krishna Venkatesh Director, Centre for Incubation, Innovation, Research & Consultancy.	Science Education- Practical Training & Innovations	120
Mathematics : 11 th March, 2019	Dr.R.Sumithra, Associate Professor, Maharani's Science college, Bangalore	Applications of Mathematics	120
Computer science : 08/08/2018 2.15-4.15 pm	Lohit G Senior S/w Engineer	IOT	60
Computer science : 02/10/2018 2.15-3.15	Nitesh Kumar Leherer IT services	SAP	45
Computer science : 03/01/2019 2.15- 5.15 pm	B Ashok Hegde MD. BRET	Opportunities in Banking Sector	100
Computer science : 22/02/2019 12.30-2.30 pm	Nagendra Skill velocity	Machine learning and mobile application	35

Microbiology : 9 th August,2018	Prof Roopa Lakshmi,Chief Operating Officer,IBAB	Bioinformatics	Life Science students
Microbiology : 4 th March,2019	Nichith.K.R, MS, University of Glasgow	Comparative genome analysis of <i>Bacillus antrasis</i>	Life Science students
Microbiology : 10 th March, 2019	Dr.Rajeshwari,Associate Professor,Department of Biotechnology,CD Sagar Center for Life Sciences,Dayanandasagar College for Engineering	Understanding Cancer cells	Life Science students
Genetics : 9 th August 2018,2.5pm- 3.45pm	C.E.O, ROOPALAKSHMI	Bioinformatics	Life Science students(CBZ, BcGMb,CZBt,CBBt)
Physics : 19 th March 2019. 11.30 AM to 1.30PM	Lecture demonstration by final BSc PCM students	“Physics experiments using smart sensors”	120
Sanskrit 23-02-2019 12.30 - 2 pm Saturday	Mahamahopadhyaya Dr. S Ranganath Prof. in Sanskrit (Retd),NMKRV College for Women,Jayanagar,Bangalore- 560011	CONTRIBUTION OF KASHMIR TO SANSKRIT LITERATURE	80 Students+ 10 Staff
Commerce (PG) 28/03/2019	Prof. Dinesh Prasad of Noble School of Management Studies.	Business analytics	60
Mathematics (PG) October 23, 2018	Dr. M. S. Mahadeva Naika, Professor, Department of Mathematics, Bangalore University, Bengaluru	Partition Theory for Beginners	50
Mathematics (PG)	National Mathematics Day Celebration with Lecture by Prof. Dr. R. V. Prabhakara,	Playing with Mathematics	45

December 22, 2018	Joint Secretary, BSHES, Bengaluru		
Mathematics (PG) February 27, 2019	Dr. Anant K. Atre, Joint Secretary, BSHES, Bengaluru	Theory of Equations	50
Physics (PG) 4 th October, 2018	Sundar M N, an Inspire Fellow and researcher at Jain University on the	“Vision of Animals”	40

1.3.2 Field Projects / Internships / Field visits undertaken during the year

Department of Biotechnology

Program	Industry/Institute & Topic	Number of students enrolled
Internship	1) Manipal School of Regenerative Medicine, Bengaluru.	04
	1) Suvarnamukhi Biotech	04
	3) Shreedhar Bhat Laboratory	05
	3) Shreedhar Bhat Laboratory	05
Industrial hands on training	Topic-Genetic Engineering, Plant Tissue culture & Immunotechnology	12
Industrial hands on training	Topic-Recombinant DNA technology & Microbial Technology	43

1.3.2 Field visits undertaken during the year	
Project/Programme Title/Details	No. of students enrolled for Field Projects / Internships/Visits
Department of Chemistry - Industrial visit to Recipharm Pharma Services Pvt. Ltd., Nelamangala, Tumkur road on 27-02-19 : Academic requirement. Recipharm manufactures medicines and supplies them to Ginseng & Johnson, Pfizer, Merck India, Glaxo Smith Kline, etc.	29 students of Final year B.Sc. PCM students
Department of Physics :A visit to UR Rao Satellite centre on 8th August 2018. (Understanding of satellites launched by India and the mechanism with video demonstration	120 of Final year B.Sc. students
Department of Zoology : Visit to Poultry farm, Pisciculture and Dairy farm research facilities in Hessarghatta. 26 October 2018	50 students of III Semester CBZ and CZBt combination

1.4 Feedback System				
1.4.1 Whether structured feedback received from all the stakeholders.				
1) Students	2) Teachers	3) Employers	4) Alumni	5) Parents
Yes	Yes	No	Yes	No

1.4.2 How the feedback obtained is being analyzed and utilized for overall development of the institution? (maximum 500 words)
<ul style="list-style-type: none"> ➤ The university reviews the curriculum in every three years. Curriculum Review is a critical examination of academic programs for the purpose of optimizing student learning in collaboration with academic staff. ➤ The curricular review is based on the Aims, Objectives, Competencies of the curriculum and learning outcomes. The aim of curricular feedback is to understand the perspective of the stakeholders who are the beneficiaries of the curriculum. ➤ The stakeholders include students, alumni and parents Teachers also play a very important role in delivering the contents of the curriculum to the students.

- The feedback is essential in framing and review of curriculum for the present day needs. In this context the feedback is sought and analysed.
- A separate questionnaire is prepared for students, parents, alumni and teachers. Some of the highlights are as follows.
- The students are asked to rate different criteria like whether 1. design of the syllabus gives scope for extra learning and self-learning, 2. Curriculum emphasizes on fundamentals and basics, 3. Aims and objectives of the syllabus is well defined, 4. The syllabus content is bridging the gap between academics and industry etc...
- The parents are asked to rate 1. Curriculum relevance to the latest technology and future technology, 2. Curriculum is at par with the global competency, 3. The syllabus helps in the overall development of the student etc..
- The teachers are required to rate whether 1. Course content intellectually stimulates the students, 2. The syllabus has good balance between theory and applications, 3. Curriculum is updated and well defined to the need of the student etc...
- The Alumni are asked to rate whether 1. Syllabus provides better employment opportunities, 2. Curriculum creates an interest to pursue post-graduation and research 3. Curriculum is preparing you for your profession etc...
- The questionnaire, in general provides the pulse of different stakeholders with regard to curriculum which can be used for further reviews and modifications.

CRITERION II -TEACHING-LEARNING AND EVALUATION**2.1 Student Enrolment and Profile****2.1. 1 Demand Ratio during the year**

Name of the Programme		Number of seats available	Number of applications received	Students Enrolled
B.Sc.	PCM	144	80	70
	CBZ	72	90	72
	PME	80	45	40
	PMCs	80	60	53
	MECs	55	35	25
	SMCs	50	20	15
	CZBt	60	55	49
	CBBt	40	22	13
	BcGMb	40	50	37
BCom		480	700	415
BCA		80	90	69
BBA		80	90	79
M.Sc (Physics)		30	25	22
M.Sc. (Chemistry)		30	30	27
M.Sc. (Mathematics)		40	32	22
MCom (Commerce)		40	50	38

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 full time teachers available in the institution teaching only UG courses	Number of full time teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2018 - 2019	2706	199	103	16	119

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 (<i>LMS, e-Resources</i>)	ICT tools and resources available	Number of ICT enabled classrooms	Number of smart classrooms	E-resources and techniques used
119	77	LCD Projector, Internet and Wifi devices,	05	-01	Multimedia Power Point Presentations, e - notes, Different websites, Inflibnet, DELNET, e - Books and e - Journals, Whatsapp, Facebook

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

The college has Mentor- Mentee system. Under this system, a full time teacher is given the role of a mentor for each class. The role of a mentor is to monitor the student's class attendance, academic performance, psychological wellbeing, progress in the class with regard to understanding teaching, scoring marks in tests and performance in university examinations. They also provide primary psychological counselling to those who need them and refer them for more professional counselling, if required. At the beginning of the academic session, orientation program is held in which mentors are present along with the advisory committee where students are acquainted with the institution, its goals and mission, the facilities available and the regulations of the affiliating university. The mentors maintain the biographic details of each individual student including educational background and socio-economic status. Mentors identify the special talents possessed by students and encourage them to showcase the talents in suitable platforms. They also maintain record of their class attendance, class-performance and academic progress. The mentors use both formal and informal means of mentoring. The mentor system, apart from its formal part, also exists as a robust informal mechanism to boost inclusiveness, gender sensitivity and social responsibility of students.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor: Mentee Ratio
2905	119	1 : 24

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
119	119	0	-	45

2.4.2 Honours and recognitions received by teachers

(received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

Year of award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2018-19	Madhumita Ghosh Dastidar	Associate Professor Microbiology	PhD - Mother Teresa Women's University Title of P.hD. - Effect of DMSO and Bio nanoparticles on Multiple Drug Resistant Bacteria
2018-19	Dr. Latha. P	Assistant Professor Mathematics	1. Bharat Vidya Ratan awarded by International Business Council 2. Asia Pacific International Educational Excellence Awarded by Achievers Association for health and Educational Growth 3. Honorary Doctorate Degree awarded by Jeeva Theological Open university 4. Life Time Education Excellence awarded by Achievers Association for health and Educational Growth 5. Dr. A P J Abdul Kalam Education Excellence awarded by Indian solidarity Council 6. International Achievement Award for Education Development awarded by Economic growth foundation
2018-19	Dr. B C Rajakumar	Associate Professor Kannada Department	" Karunada Kanmani Prashasthi"

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	Program me Code	Semeste r/ year	Last date of the last semester-end/ year- end examination	Date of declaration of results of semester- end/ year- end examination
B.Sc. BCom., BCA, BBA		2018-19 Odd semester	Bangalore University 24/12/2018 Bangalore Central University 31/12/2018	25/02/2019
		2018-19 Even semester	Bangalore University 21/06/2019 Bangalore Central University 21/06/2019	24/07/2019 31/07/2019 01/08/2019
M.Sc (Physics) M.Sc. (Chemistry) M.Sc. (Mathematics) MCom (Commerce)		2018-19 Odd semester	28/01/2019	16/04/2019
		2018-19 Even semester	22/07/2019	03/08/2019 19/08/2019 07/09/2019 15/10/2019

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

As an affiliated college, the scope for change in the evaluation system is minimum. But we follow a robust mechanism for the award of internal assessment marks in theory and practicals. The performance of the student in unit test, regular submission of assignment, participation in seminars, undertaking projects, field visits, regularity to

classes, conduct of experiments in laboratories are some of the mechanisms used for continuous internal evaluation system.

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

The college prepares academic calendar in consultation with head of the departments at the beginning of the year and the same is uploaded to the website. Students and teachers are made aware of the same. The academic calendar consists of different events and dates like the orientation program and bridge courses for freshers, guest lectures conducted by departments, the unit test dates, general holidays, monthly attendance shortage list announcement dates, date schedule of the university examinations and other activities related cultural events, sports events, science events etc... The tentative dates of activities of NSS, NCC, YRC and Rangers and Rovers, placement activities dates also given in the academic calendar. Schedule of general staff meetings, meetings with mentors are also given. To a large extent these scheduling is adhered to.

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://vijayacollege.ac.in/program_outcomes.html

2.6.2 Pass percentage of students

Name of the Programme	Program me code	Number of students appeared in the final year examination	Number of students passed in final semester/year examination 2018-19	Pass Percentage
B.Sc.	PCM	46	37	80.43%
	CBZ	42	36	85.71%
	PMCS	40	24	60.00%
	MES	7	6	85.71%

	PME	41	26	63.41%
	CZBT	20	17	85.00%
	BCGMB	27	24	88.89%
	SMCS	14	13	92.86%
	MECs	22	16	72.73%
	Total	259	199	76.83%
BCom		426	363	85.21%
BCA		73	54	73.97%
BBA		67	43	64.18%
M.Sc (Mathematics)		18	18	100.0%
M.Sc. (Chemistry)		19	16	84.21%
M.Sc. (Physics)		18	12	66.66%
MCom (Commerce)		33	32	91.3%

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)

Not done

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 Resource Mobilization for Research

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

Nature of the Project	Duration	Name of the funding Agency	Total grant Sanctioned	Amount received during the Academic year
Major projects	-	-	-	-
Minor Projects	-	-	-	-
Interdisciplinary Projects	-	-	-	-
Industry sponsored Projects	-	-	-	-
Projects sponsored by the University/ College	-	-	-	-
Students Research Projects <i>(other than compulsory by the College)</i>	Biotechnology : 1 year 2 Projects	NA	NA	NA
Microbiology	01	MC(College Fund)	Rs 15000/-	Rs15,000/-
International Projects	-	-	-	-
Any other(Specify)	-	-	-	-
Total	01	01	-	-

Name of the Teacher	Title of the project
Dr. Basavaraj SM - PG Chemistry	Design, Synthesis & Evaluation of Biological activity of Novel Indole derivatives
Dr. Nethravathi B P - PG Chemistry	Novel heterozeneous catalyst in Organic synthesis
Dr Madhumita Ghosh Dastidar – Microbiology	Production of Nanoparticles and effect on Biofilm microorganisms
Smt. Jyothi R Kumar	Phytoremediation of heavy metals

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(s)
NIL		

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

Title of the innovation	Name of the Awardee	Awarding Agency	Date of Award	Category
NIL				

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

Incubation Centre	Name	Sponsored by
NIL		
Name of the Start-up	Nature of Start-up	Date of commencement
NIL		

3.3 Research Publications and Awards

3.3.1 Incentive to the teachers who receive recognition/awards

State	National	International
NIL		

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

Name of the Department	No. of Ph. Ds Awarded
NA	

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

	Department	No. of Publication	Average Impact Factor, if any
National			
Internatio nal			

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

Department	No. of papers publication
NIL	

3.3.5 Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or Pub Med/ Indian Citation Index

Title of the paper	Name of the author	Title of the journal	Year of publica tion	Citat ion Inde x	Institutional affiliation as mentioned in the publication	Number of citations excluding self citations
Study of Maxwell Nanofluid Flow Over a	Dr. S B Sathya Narayana	<i>Journal of Advanced Research in Fluid</i>	2019			

Stretching Sheet with Non-uniform Heat Source/Sink with External Magnetic Field		<i>Mechanics and Thermal Sciences</i>				
Study Of Casson Nano Mhd Flow Over A Stretching Sheet With Non-Uniform Heat Source/Sink By Ham	Dr. S B Sathya Narayana	International Journal of Mechanical Engineering and Technology (IJMET)	2018 OCT		Journal Impact Factor (2016): 9.2286	
The Effect of Thermal Radiation, Viscous Dissipation and Chemical Reaction On MHD Boundary-Layer Flow of Nanofluids Over A Moving Surface,	Dr. S B Sathya Narayana	International Journal of Mechanical Engineering and Technology.	2018 DCE		Journal Impact Factor (2016): 9.2286	InfoBase Index IBI Factor for the year 2015–16 is 3.46
MHD Boundary Layer Flow Of Nanofluid Over A Moving Surface In Presence Of Thermal Radiation By Homotopy Analysis Method	Dr. S B Sathya Narayana	GLOBAL JOURNAL OF ENGINEERING SCIENCE AND RESEARCHES	May 2019]		Impact Factor- 5.070	
The Effect of Brownian motion and	Dr. S B Sathya Narayana	International Journal of Latest Transaction	March 2018			

Thermophoresis on nanofluids stretching for Jaffrey fluid model		s in Engineering And Science (IJLTES)				
Service quality and youth perspective	Dr. K V N Lakshmi	International Journal of Human Resource Management and Research (IJHRMR): ISSN (online): 2249-7986.	24 th January 2019			
Result of Fang for E-valued meromorphic functions, Analysis,	Dr. Veena L Pujari	38(1), 2018, 1–10. (De Gruyter Journal).	2018			
Volume deficiency of E-valued meromorphic functions,	Dr. Veena L Pujari	Journal of Analysis, 2018, 1-15. (Springer Journal).	2018			
“Synthesis of BaTiO ₃ /α-S ₈ composite for enhanced photocatalytic activity under UV/Solar light in comparison with α-S ₈ and BaTiO ₃ photocatalysts: Effect of spontaneous polarization”	Dr. R Kavitha,	Materials Today Communications, 17 (2018) 391-401 Elsevier	2018			

Isolation and identification of ligninolytic microbes	Madhumita Ghosh Dastidar, Akshaya Simha, N., Ananth Koushik, B., Aradhya, D., Harishmitha, N., Nayana, S., Nidhish, P., Shakt and Tavisha, V. K.,	International Journal of Current Research Vol. 10, Issue, 06, pp.70424-70429, June, 2018	2018			
Isolation, Identification and Analysis of Plastic Degrading Bacteria from Dumped Soil Area	Pratiksha. Y, Sudhruthi. L, Vignesh. V, *Madhumita Ghosh Dastidar	(Conference Paper) National Conference on Biochemistry –Transcending and Integrating Life Sciences (NCBTIL) Volume 9 127-132 - 2019	2019			

3.3.6 h-index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the paper	Name of the author	Title of the journal	Year of publication	h-index	Number of citations excluding self citations	Institutional affiliation as mentioned in the publication
NIL						

3.3.7 Faculty participation in Seminars/Conferences and Symposia during the year :			
No. of Faculty	International level	National level	State level/Locals
Attended Seminars/ Workshops	01	11	26
Presented papers	6	6	3
Resource Persons			2

Name of the Teacher	Date	Year	University /College	Attended Conference/ Workshop	Presented Paper Conference/ Workshop
Department of Mathematics (UG)					
Dr SB Satyanarayana	20 th 21 st 22 nd March	2018	MES Degree College	Work shop on Essence of Partial Differential Equation Seminar on Analysis and Applications	Paper Title- Effect of Magnetic Field On Boundary Layer Thickness
	10 th October		S Nijalingappa college		
	14 th December		Kristu Jayanthi College	National conference on Changing paradigms in Teaching and Research and statistics	
Hema D	10 th October	2018	S Nijalingappa college	Seminar on Analysis and Applications	Paper Title- Analytical Solution of a Boundary Flow over a Stretching Sheet
Sheela M	10 th October		S Nijalingappa college	Seminar on Analysis and Applications	Paper Title- Analytical Solution for Heat Transfer due to Permeable Stretching Wall

Dr SB Satyanarayana	29 th 30 th July	2019	Sri Vidya Mandir Arts and Science College Krishnagiri	International Conference on New Trends in Mathematical Modelling With Applications	Paper Title- Homotopy Analysis Method for MHD Boundary layer Flow of Nano Fluids over Moving Surface
	14 th December	2019	MES Degree College	International Symposium	
VR Vanitha	29 th 30 th July	2019	Sri Vidya Mandir Arts and Science College Krishnagiri	International Conference on New Trends in Mathematical Modelling With Applications	Paper Title- Exact Analytical and Asymptotic Solution Of a Steady Two Dimensional Boundary Layer of a Micro Polar Fluid Flow past a wedge
	2 nd March		Central College Bangalore University	Workshop on Scilab and Maxima	
	24 th -29 th June		Government Science College	Training Program on Math Python	
Vittal V Kulkarni	2 nd March		Central College Bangalore University	Workshop on Scilab and Maxima	
Hema D	2 nd March		Central College Bangalore University	Workshop on Scilab and Maxima	
N Sudha	2 nd March		Central College Bangalore University	Workshop on Scilab and Maxima	
Sheela M	2 nd March		Central College Bangalore University	Workshop on Scilab and Maxima	
Swathi R	2 nd March		Central College Bangalore University	Workshop on Scilab and Maxima	

Name of the Faculty	Title of the Workshop/ Seminar/ Conference	Indicate regional/ State /National/ International level	Date and Place of the Workshop/ Seminar/ Conference	Participated/ oral Presentation/ Poster Presentation
Department of Chemistry (PG)				
Dr. B.P.Nethravathi	NATIONAL SEMINAR ON e-CONTENT, MOOCs AND ARPIT" by GAD-TLC of MHRD in collaboration with BANGALORE UNIVERSITY	National Seminar	Jnana Bharathi Campus, Bangalore University, Bangalore On 25th SEPTEMBER 2019, WEDNESDAY	Participated
	Advanced Materials, Biosustainability and Energy	Regional Workshop	Christ (Deemed to be University) on 12-13 September 2019	Participated
Dr. Basavarajaiah S M	NATIONAL SEMINAR ON e-CONTENT, MOOCs AND ARPIT" by GAD-TLC of MHRD in collaboration with BANGALORE UNIVERSITY	National Seminar	Jnana Bharathi Campus, Bangalore University, Bangalore On 25th SEPTEMBER 2019, WEDNESDAY.	Participated
Dr. Umesha K	NATIONAL SEMINAR ON e-CONTENT, MOOCs AND ARPIT" by GAD-TLC of MHRD in collaboration with BANGALORE UNIVERSITY	National Seminar	Jnana Bharathi Campus, Bangalore University, Bangalore On 25th SEPTEMBER 2019, WEDNESDAY.	Participated
Dr. Kavitha R	NATIONAL SEMINAR ON e-CONTENT, MOOCs AND ARPIT" by GAD-	National Seminar	Jnana Bharathi Campus, Bangalore University, Bangalore On 25th	Participated

	TLC of MHRD in collaboration with BANGALORE UNIVERSITY		SEPTEMBER 2019, WEDNESDAY.	
	'International conference on Innovations and Challenges in Science and Technology (ICICST-2018)'	International Conference	Don Bosco Institute of Technology, Bengaluru-560074 on 24-26 th May 2018.	Participated and presented a paper

Sl.No.	Name of the Teacher Department of Mathematics (PG)	Conference / Seminar / Symposia / workshop etc.,	Date	Participated as	Name of the paper/s presented etc.,
1	Dr. K. Sushan Bairy	One day Workshop on "Scilab/Maxima" for UG and PG Mathematics Teachers of Mangalore University, Department of Mathematics, Centre for PG Studies and Research, St. Philomena College, Puttur, D.K	16-Mar-19	Resource Person,	
2	Dr. K. Sushan Bairy	One Day Workshop on Mathematics Practicals using FOSS, Bengaluru Central University, Bengaluru	02-Mar-19	Participant	
3	Dr. K. Sushan Bairy	UGC-CPE sponsored One day State Level Seminar on "Analysis and its applications", Department of Mathematics, S. Nijalingappa College, Bengaluru	10-Oct-18	Participant	

4	Dr. K. Sushan Bairy	Two days Instructional Workshop on Scilab and Maxima for Under Graduate Mathematics Faculty, Department of Mathematics, Gulbarga University, Kalaburagi.	3 rd and 4 th August 2018	Resource Person,	
5	Dr. K. Sushan Bairy	“Scilab and maxima software” for U.G. Mathematics Teachers, Department of Mathematics, Kuvempu University, Shankaraghatta.	24 th and 25 th June 2018	Delivered special Lecture	

Workshop/Conference held at/date	Name of the Faculty	Type of the workshop/Conference Regional/State/National/International and Delegate/Paper presenter	Title of the presented
9 th August, 2018	Malavika.K	Participation Symposium in Frontier Research Domains in Biotechnology” in School of Science ,Jain College	
10 th & 11 th Aug, 2018	Malavika.K	Participation National Seminar on ‘Rejuvenation of Undergraduate Education in India’	
Madhumita Ghosh Dastidar	27 th and 28 th September, 2018	National conference on Indian association of Applied Microbiologists organized by J.S.S academy of Higher education and Research, Mysore	“Treatment of Multiple resistant bacteria with Silver nanoparticles”

Department of computer science 2018-19

SL N O	DATE/Y EAR 2018-2019	FACULT Y NAME	TITTLE	CONFERENC /SEMINARS /FDP/WORK SHOP	REGIONAL/S TATE/NATIO NAL/INTERN ATIONAL	VENUE
1	15&16 FEB 2019	LATHA B	PYTHON	WORKSHOP	REGIONAL	NATIONAL COLLEGE
2	15&16 FEB 2019	HEMALA THA N	PYTHON	WORKSHOP	REGIONAL	NATIONAL COLLEGE
	17-Feb-18		Theory of computati on	FDP	STATE LEVEL	BMS COLLEGE FOR WOMEN
3	7&8 FEB 2019	VINUTH A V	cryptogra phy &network security	FDP	REGIONAL	DAYANANDA SAGAR COLLEGE
4	7&8 FEB 2019	NAGESH WARI	cryptogra phy &network security	FDP	REGIONAL	DAYANANDA SAGAR COLLEGE
5	7&8 FEB 2019	SOWMY A S	cryptogra phy &network security	FDP	REGIONAL	DAYANANDA SAGAR COLLEGE
	01-Mar-19		Emerging technolog y trends in IT industry	PARTICIPATE D IN SEMINAR	STATE LEVEL	BMS COLLEGE FOR WOMEN
6	7&8 FEB 2019	BEENA NAIR	cryptogra phy &network security	FDP	REGIONAL	DAYANANDA SAGAR COLLEGE
	01-Mar-19		Emerging technolog y trends in IT industry	PARTICIPATE D IN SEMINAR	REGIONAL	CRIST ACADEMY

	17-Feb-18		Theory of computation	FDP	STATE LEVEL	BMS COLLEGE FOR WOMEN
7	7&8 FEB 2019	SUNITH A K M	cryptogra phy & network security	FDP	REGIONAL	DAYANANDA SAGAR COLLEGE

Department of Physics (UG)				
Faculty Name	Title of the Workshop/ Seminar/ Conference	Indicate regional/ State /National/ International level	Date and Place of the Workshop/ Seminar/ Conference	Participated/oral Presentation/Poster Presentation
Dr. K S Suresh	Rejuvenation of Undergraduate Education in India	National seminar	August 10th and 11th 2018 held at NIAS, IISc Campus, Bangalore	Delegate
Dr. R S Geetha	Workshop on Physics Education	Regional	16th Feb. 2019 held at MES college, Bangalore	Participant

Department of Botany				
Faculty Name	Title of the Workshop/ Seminar/ Conference	Indicate regional/ State /National/ International level	Date and Place of the Workshop/ Seminar/ Conference	Participated/oral Presentation/Poster Presentation
Prof. K S Shylaja	New vistas in science and technology for common good	Regional	1st and 2nd February 2019 by KSTA at NMKRV College for women, Bangalore	Delegate
Prof. Zaiba Nishath Bano	Rejuvenation of Undergraduate	National seminar	August 10th and 11th 2018 held at	Delegate

	Education in India		NIAS, IISC Campus, Bangalore	
Prof. Hemalatha N	Rejuvenation of Undergraduate Education in India	National seminar	August 10th and 11th 2018 held at NIAS, IISC Campus, Bangalore	Participant

Department of Commerce (PG)				
Name of the Teacher	Conference / Seminar /Symposia / workshop etc.,	Date	Participated/ Presented	Name of the paper/s Presented etc.,
Prof. Rafeek Ahmed	FDP, VIET Degree College, Bangalore.	27-4-19	Participant	
Dr. T. Bhargavi	One Day National Conference on “Intellectual Property Rights for Global Business: Forward Looking Agenda for India”.	22-2-2019	Participant	IIMB – FICCI – VTPC – Govt. of Karnataka.
Dr. T. Bhargavi	Exploring Sustainability in the Indian Content, On-line Course.	8-3-2019 to 5-5-2019	Participant	Azim Premji University, Bangalore
Sandhya V	71 st All India Commerce Conference, Conducted by Osmania University, Hyderabad.	20 th – 22 nd December, 2018	Presenter	Rubber Board in India as a Regulatory Body for Development Regulation of Rubber production
Sandhya V	3 rd , Annual Convention of ICBE and International Conference on Global Entrepreneurship – Emerging Opportunities and Challenges, Conducted by Department of Commerce, Bangalore Central University.	28 th & 29 th , January, 2019	Participants	

Sandhya V	3 rd , Annual Convention of ICBE and International Conference on Global Entrepreneurship – Emerging Opportunities and Challenges, Conducted by Department of Commerce, Bangalore Central University.	28 th & 29 th , January, 2019	Participants	
Dr. K V N Lakshmi	National Conference: Theme: ‘Empowering employability in higher education through Skills, Competencies and Entrepreneurship’ held at RBANM’s First Grade College, Bangalore.	27 th February, 2019	Presented	‘Industry Institution Interface in Higher Education from Students Perspective
Dr. K V N Lakshmi	International conference-‘Innovative practices in business management productivity and environment productivity and environment’ held SSMRV College, Bangalore.	24 th – 25 th January, 2019	Presented	‘Service Quality and Youth Perspective’-an overview
Dr. K V N Lakshmi	Theme: Empowering Employability in Higher Education Through Skills, Competencies and Entrepreneurship. RBANM’s First Grade College	27-2-2019	Presented	Title of the paper: Industry Institution Interface in Higher Education from Students Perspective.

Department of Chemistry					
Faculty Name	Title of the Workshop/ Seminar/ Conference	Indicate regional / State / National/ International level	Date and Place of the Workshop / Seminar/ Conference	Participated/oral Presentation/Poster Presentation	Paper title
Dr.Mahesh Arvind	Environmental Engineering and Applications	International Conference	July 10th, 11th and 12th 2018 Amsterdam, Netherlands	Oral presentation	Bioremediation for environmental management : Biodegradation on Aromatics such as Benzene, Toluene and Phenol by Pseudomonas strain

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 co-ordinated such activities	Number of students participated in such activities
Tree plantation activity was conducted during the month of August 2018 as a part of training schedule	Organised by NCC wing of the college	02	30
The Swatch Bharath rally and Public Park Cleaning was conducted during the month of September 2018 as a part of training schedule.	Organised by NCC wing of the college	02	100
Hospital Cleaning was conducted during the month of September 2018 as a part of training schedule at Sanjay Gandhi Hospital.	Organised by NCC wing of the college	04	100

The college Wall painting and Street Cleaning in front of college was carried out by NCC cadets in the month of October 2018	Organised by NCC wing of the college	01	60
The Nukkad Natak was conducted during the month of October 2018 as a part of training schedule to educate the people about segregation of waste	Organised by NCC wing of the college	02	30
“Nakshatra” Program to encourage destitute children and bring out hidden talent in them – 09/09/2018	Organised by NGO “Boomi” along with NSS Wing Vijaya college	04	50
“Swatch Bharat Initiative” – Cleaning of college campus 22/09/2018	Organised by NSS wing of the college	05	130
Blood donation camp on 01/10/2018 174 bottles of blood collected	Organised by YRC of college and Indian Red Cross Society (IRCS) along with NSS and R&R of the college	05	200
“Charana Pravasa” Visit to Channarayana Durga Kote – to create awareness about nature – 06/10/2018	Organised by NSS	03	144
NCC cadets participated as volunteers in the Maha Milana, Chiguru many more youth nurturing event 16 th December, 2018	Organised by NCC	01	50
“Mathadarara Dinacharane” – Awareness about duties of electorate- Lectures organised and oath taken – 24/01/2019	Organised by NSS, YRC and R&R of the college	10	300
Inter collegiate competition was hoisted for 12 th annual year on 19 th January 2019 A total 600 cadets took part from 25 colleges. It includes 5 main events there were :- DRILL, CROSS COUNTRY,	Organised by NCC and BSHES Management	06	600

FLAG AREA, QUIZ & TUG OF WAR.			
“Janapada Jenkara” NSS students participated as volunteers – 04/02/2019	Organised by BCU and Rotary club	01	15
“Yuva Ayogakkagi” Awareness program on 15/02/2019	Organised by Samvada and NGO along with NSS wing of our college	01	10
NSS Camp at “Arekadakalu” village Maralavadi Hobali of Lanakapura Taluk from 22/04/2019 to 28/04/2019	Organised by NSS	10	50
Two days trekking expedition from Kukke Subramanaya Temple To Kumara Parvatha was organized On 10 th and 11 th February 2019	Organised by NCC	02	76
A seminar on Significance and Application of First Aid was arranged on 23rd August 2018	Organised by R&R Conducted by Staffs of Bangalore Hospital unit members. Dr. Arvind S, MBBS, DNB (GEN.SURGERY) spoke about the common accidents and what to do during such critical situations	10	50
Investiture Ceremony: On 25 th October 2018, Successful investiture was carried on for 9 Rangers and 8 Rovers, Go Green drive – 25 saplings were planted in and around college	Organised by Rangers and Rovers	05	35
Pioneering and Adventure Camp, Doddaballapur: 01/march/2019 to	Rangers and Rovers of our College attended the State Level Pioneering and	01	35

05/march/2019 at Dr. Anne Besant Training Centre, Doddaballapur. NIPUN Testing Camp, Doddaballapur: NIPUN is the first advance level in the field of Scouting -05/April/2019 till 15/April/2019 at Dr. Anne Besant Training Centre	Adventure Training camp		
Serve or Humanity – To help flood victims of Kodagu and kerala Fund collection drive from 20/08/2018 to 23/08/2018	Organised by YRC	04	40
Aarohan steps, Drug Awareness walk on 10/11/2018	Organised by Youth red cross, Karnataka and Bangalore police	01	08
First aid training camp on 14/02/2019	Organised by YRC and Indian red cross society, Bellary district branch	01	62
<p>Science Committee of Vijaya College in collaboration with KSTA (Karnataka Science and Technology Academy) conducted Intercollegiate Science Fest and to commemorate National Science Day Celebrations from 28th February to 2nd March 2019. Around 700 students from different colleges and from the host college participated in various events of this intercollegiate fest.</p>			

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	No. of Students benefited
NIL			

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
NIL			

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-To)	Participant
NIL				

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 and Activities	Number of students/teachers participated under MoUs
Centre for Incubation, Innovation, Research & Consultancy, Jyothi Institute of Technology, Bengaluru.	September 29, 2018	Special short-term academic & professional programs. Joint Research activities.	Biotechnology Department

CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 Physical Facilities

4.1.1 Budget allocation, excluding salary for infrastructure augmentation during the year (in lakhs)

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
Rs. 8.5	Rs.3.7

4.1.2 Details of augmentation in infrastructure facilities during the year

Facilities	Existing	Newly added
Campus area	5.16 acres	-
Class rooms	43	01
Laboratories	33	01
Seminar Halls	-	-
Classrooms with LCD facilities	5	-
Classrooms with Wi-Fi/ LAN	-	-
Seminar halls with ICT facilities	-	-
Video Centre	-	-
No. of important equipment purchased (≥ 1-0 lakh) during the current year.	Micro controller UV-Vis Controller – 01 Trinocular Microscope	
Value of the equipment purchased during the year (Rs. in Lakhs)	1,56,468 1,45,000	
Others		

4.2 Library as a Learning Resource

4.2.1 Library is automated {Integrated Library Management System -ILMS}

Name of the ILMS software	Nature of automation (fully or partially)	Version	Year of automation
EASYLIB	Partially	4.4.2	Constant upgradation

4.2.1 Library Services: UG

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	70,331	4,07,189	1187	6,07,145	71,518	10,14,334
Reference Books						
e-Books						
Journals	23	25,655	15	21,340	38	46,995
e-Journals	Inflibnet (1)	5900				5900 (annual)
Digital Database	-	-	-	-	-	-
CD & Video	440		1010		1450	
Library automation	EASYLIB					
Weeding (Hard & Soft)						
Others (specify)	62					

4.3 IT Infrastructure

4.3.1 Technology Upgradation (overall)

	Total Computer s	Com puter Labs	Inter net	Brows ing Centr es	Com puter Cent res	Offic e	Departments	Available band width (MGBPS)	Others
Exist ing	184	05	05	01	05	13	Comp. Sc., PG Maths, electronics,La nguage Lab	50 Mbps	
Adde d	89	02	02		02	-	Business lab, Common computer lab	50Mbps	
Total	273	07	07	01	07	13			

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

60 MBPS

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
NIL	

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

Name of the teacher	Name of the module	Platform on which module is developed	Date of launching e – content
NIL			

4.4 Maintenance of Campus Infrastructure			
4.4.1 Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year			
Assigned budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
Lectures, field visits, Laboratory equipment, contingency, conference, workshops, science activities, NSS, NCC, R&R, YRC, Vinyaas and cultural activities, WEC	Budget : 42,14,333 Expenditure incurred : 38,00,000	Office equipment, Furniture, Printing and stationary, Xerox maintenance, Office and department contingency, Campus maintenance, Electrical and water bills, Tests and exams, Repairs and maintenance, Garden maintenance, e - governance	Budget : 25,48,000 Expenditure : 25,00,000

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)

http://vijayacollege.ac.in/infrastructural_facilities.html

The campus is situated in a sprawling 5 acre land in the heart of Bangalore South region with excellent connectivity from different parts of Bangalore city and also rural parts of Bangalore. The building was constructed during the year 1956 and additional wings were added in due course. The old building has rooms which are spacious and with excellent ventilation. The campus boasts of excellent playground and good parking facilities. The laboratories are well planned and are very spacious. There is an open auditorium with 1200 student capacity and an indoor auditorium with 400 student capacity. There is an excellent green cover in the quadrangle which is house to number of birds. The building is eco-friendly and scientifically sound as its design allows for sunlight in the winter and air in the summer.

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 (MC)	BHSHEs MC Scholarship	29	5,80,000.00
Financial support from other sources			
BCM Scholarship - Financial support from government	BCM (2A, 2B, 3A, 3B & CAT – 1)	257	1840180.00
SC/ST Scholarship	POST METRIC (SC) Scholarship	170	1345220.00
	POST METRIC (ST) Scholarship	12	58220.00
Jeeva Vijaya (Alumni of Biological sciences)	Dr. MJS – Dr. TSV Scholarship	4	40,000.00
Vijaya Vanijya (Commerce Alumni)	Merit Scholarship	70	12,91,858
Financial support from other sources	Sanchi Honnamma Scholarship	155	5,42,000
Sir C V Raman Scholarship	Scholarship for science students	20	1,00,000
Endowment Scholarships			
Number of students who received (a) National recognitions			
(b) International			

5.1.2 Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implementation	Number of students enrolled	Agencies involved
Bridge Course	10-07-2018 to 13-07-2018	Ist Sem Microbiology Students(40)	Department of Microbiology
Orientation Program	06-07-2018	Ist Sem Microbiology Students(40)	Department of Microbiology
Bridge course	28-06-2018 to 30-06 -2018	Ist semester Mathematics students (150)	Department of Mathematics
Bridge course	28-06-2018 to 30-06 -2018	Ist semester Chemistry students(120)	Department of Chemistry
Yoga Vijaya	28/09/2019 Classes held on firdays and saturdays	Students(35)	Organised by college teachers

5.1.3 Students benefitted by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students by Guidance for Competitive examination	Number of benefited students by Career Counselling activities	Number of students who have passed in the competitive exam	Number of students placed
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NIL				

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	No. of grievances redressed	Average number of days for grievance redressal
100	70	15 days

5.2 Student Progression					
5.2.1 Details of campus placement during the year					
On campus			Off Campus		
Name of Organizations Visited	Number of Students Participated	Number of Students Placed	Name of Organizations Visited	Number of Students Participated	Number of Students Placed
24x7	140	49	Infosource (Pool)	85	41
Hiremee	132	05	Child Help Foundation (pool)	75	46
Vantage Agora	50	12	Campus Connect (pool)	50	20
Concentrix Daksh (IBM)	197	95			
WIPRO (WILP)*	30	03			
Capgemini (i-primed)#	86	43			
Total		207			107

5.2.2 Student progression to higher education in percentage during the year					
Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of Programme admitted to
2018 - 19	332	B.Sc., BCom, BCA, BBA Vijaya College, Bangalore University	Physics, Chemistry, Mathematics, Botany, Zoology, Electronics, Computer science, Microbiology, Genetics, Biotechnology, BBA, BCom, BCA	Different universities in Bangalore and other parts of the state	M.Sc. (Physics, Chemistry, Mathematics, Botany, Zoology, Electronics, Computer science, Microbiology, Genetics, Biotechnology), MCA, MBA, M.Com, B.Ed. LLB.

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	No. of Students selected/ qualifying	Registration number/roll number for the exam
NET		
SET		
SLET		
GATE		
GMAT		
CAT		
GRE		
TOFEL		
Civil Services		
State Government Services		
Any Other IIT JAM	01 (Biological science)	

5.3 Student Participation and Activities

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

Year	Name of the award/ medal	National/ International	Sports	Cultural	Student ID number	Name of the student
2018-19	Won Throw ball world championship – Participated in the Indian team held at Kolalampur, Malasia	International	sports			Amrutha S III year B.Com And Rmana Fathima III BCA
2018-19	Silver medal in Bangalore University Inter Collegiate Athletic Championship	University level	Sports			Akshay V. : III B.Com.,
2018-19	Silver Medal in Bangalore Central University inter collegiate Athletic Championship (Broad Jump)	University level	Sports			Sharadhi A M : I B.Sc.
2018-19	Silver Medal in Bangalore Central University inter collegiate Athletic Championship (Discuss Throw)	University level	Sports			Rajesh R Naik : I B.Com
2018-19	Bronze medal Bangalore university cross country Championship and Half Marathon	University level	sports			Navdeep K II B.Com

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

A formal Students' Union does not exist in the college. Students are involved in all the activities of the college. The college works for the benefit of the students throughout the year and pursues several activities within and outside the college campus. The college has several committees like Vignaan (science), Cultural, Vinyaas (commerce), Women empowerment cell, department clubs, NCC, NSS, YRC, R&R and sports in which students volunteers actively participate in conducting all the events with the guidance of teachers. Annually the science and commerce committees conduct intercollegiate fest with active participation of large number of students. The college conducts annual Athletic meet with the involvement of number of students. Along with these activities the college observes Independence day, Republic day with cultural programs conducted by NSS, NCC, YRC and R&R. The blood donation camp is also held annually in the college by the service wings.

Prof. Dr. N. Suryaprakash delivered a lecture on "NMR Spectroscopy- an Ubiquity". His talk included the basic principles of NMR spectroscopy, application and advantages of the NMR spectroscopy in identifying the structure of compounds.

The college had chalked out to start a LECTURE SERIES under the caption DR.G M Nijaguna Memorial lecture . The first lecture was delivered by Dr.Vinod Lakkappan on DNA fingerprinting.

Department of Commerce and Management Studies of Vijaya College, under the banner of Vinyaas hosted an Inter-Collegiate fest for all under graduate and post graduate commerce students across Bangalore called Yodha on 8th and 9th April 2019. Over 300 students from 18 colleges participated in the events.

5.3 Alumni Engagement

5.3.1 Whether the institution has registered Alumni Association? Yes/No, if yes give details (maximum 500 words):

The college three Alumni namely Vijaya Vaanijya Alumni(commerce wing) and Jeeva Vijaya (Biological science wing) which are registered. The third is the Physical science alumni which is in the process of registration. The Alumni conducts annual meet of all the students. They hold periodic meetings to plan programs to supplement the progress of the institution. The programs they conduct include scholarships to deserving students, conducting placement programs, programs concerning environmental issues, training programs for students to acquire soft skills etc... Vijaya Vaanijya Alumni has installed clean drinking water system (RO unit) with eight outlet in all the floors costing 6.5 lakh rupees.

5.3.2 No. of registered enrolled Alumni:

02 (Vijaya Vanijya and Jeeva Vijaya). Physical science Alumni is in the process of registration

5.3.3 Alumni contribution during the year (in Rupees) :

Vanijya Vijaya – Rs.12,91,858 Drinking water project – 6,50,000 Jeeva Vijaya – 40,000

Total = Rs. 19,81,858

5.3.4 Meetings/activities organized by Alumni Association :

On June 10, 2018 Jeeva Vijaya celebrated “**World Environment Day**” by planting plant sapling in the college campus in association with Adamyta Chetana. Sri Ananta Kumar, MP, Bangalore South and Cabinet Minister, Govt of India was the Chief Guest.

On 15th July, 2018 Jeeva Vijaya organized “**Shrudhanjali programme**” to pay tributes to departed soul of Founder of Jeeva Vijaya and former Principal of Vijaya College Dr. G M Nijaguna , who died on 11th July 2018

On October 4th 2018 Jeeva distributed **Dr MJS-Dr TSV Memorial Scholarship** to 4 students studying life science subjects in the college. The scholarship included Rs 10000/- for each student.

Vijaya Vanijya conducted orientation lecture sessions about the future opportunities for students. They also conducted **lectures** with regard to professional exams and training for facing the interviews.

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)

For the effective functioning of the institution, the management has appointed a dean who is also the administrator to oversee day to day activities. The college has a governing council with representation of three management committee members and few staff members along with the principal. It also has a representative from the Bengaluru central university. There are formation of different sub committees comprising representatives from all stakeholders of the college for coordinating important administrative activities of the college. There is also formation of different sub committees comprising representative of all stakeholders of the college for coordinating important academic activities of the college. There is also the Advisory committee comprising of the senior teachers to oversee the functioning of academic and administrative matters.

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

Yes/No/Partial:

NO

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):

➤ **Curricular development**

- Many senior teachers, who are on BOS of the university and autonomous institutions, collect feedback from teachers, students, alumni and propagate the information to BOS during the curriculum development.
- College has been hosting curriculum development workshops for the benefit of the university and the teachers.

➤ **Teaching and Learning**

- Student – centric teaching – learning is adopted by encouraging students to participate in interactive class room discussions, kindle student involvement and foster courage and confidence
- Wide access to internet facility is provided through online learning resources like e-books, e-journals, video lectures, teaching content, etc.
- Enhancing learning outcomes through practical and real time exposures by way of field Work, Industrial visits, summer schools, student workshops through hands – on experiences, etc.
- Enhancement of learning skills of the Students through participation in different seminars.
- Students are exposed to the latest developments in the research areas pertaining to respective subjects through invited talks and lecture series.
- Student feedback and interaction is maintained to improve the teaching – learning process in the college

➤ **Examination and Evaluation**

- At the College level, a unit test is conducted for all the students by providing a weightage to the internal assessment. Different departments will conduct subsequent tests and preparatory exams. Performance in these tests will be the next component of evaluation of internal assessment.
- The process of evaluation after every test is communicated to the students by respective teachers and suggestive corrective mechanisms are provided to the students
- College has complemented traditional written examination with project work, assignments, debates, group discussion, power point presentation, viva and seminal lectures

❖ **Research and Development**

- College publishes research bulletin annually which features research work done by teachers as well as research/project work done by students.
- Management encourages teachers and students to take up research work and projects.
- Management has apportioned budget for research involving students.
- Motivates faculty members for research publications in peer reviewed journals with high impact factor.
- Encourages them to present papers in International/National/State Level Seminars, workshops and to act as resource persons.
- College explores various funding agencies for sponsoring major / minor projects. (DBT, DST, ICSSR, UGC etc.)

- Motivates the faculty members and the students to organize various seminars & workshops at Institutional / State / National / International levels.
- The college encourages faculty to pursue research to get Ph.D and the Ph.D holders to guide students to their doctoral degree.

❖ **Library, ICT and Physical Infrastructure / Instrumentation**

- Under the CPE grants more reference books are added along with the management grants for the purchase of books, e – books and e - journals.
- Creation of department libraries.
- Internet access to staff and students in departments and library
- Use of MS – Office tools like Word, Excel, etc. Use of internet resources and browsing strategies. Use of PPT for class room preparations
- Provision for the use of the e-learning resources in the library and departments.
- Separate internet connection in the library to access the e- resources.
- Equipping atleast about 20 class rooms with projectors under CPE funds for multimedia presentations in the class and encouraging ICT in teaching – learning.
- Procurement of laboratory equipment, teaching aids and books under CPE fund
- Establishment of Business Lab by procuring desktop computers under CPE funds.
- Separate genetics lab from Biotechnology Lab.
- To renovate Boys toilet at the rear end of the college.
- To start using virtual class room recording with the acquired digital camera, document reader and smart boards.

❖ **Human Resource Management**

- Encouraging and facilitating the faculty members to participate in Refresher & Orientation courses.
- Arrangement of computer training programmes related to Tally and MS- office for Non-teaching staff and non-teaching staff using management funds
- Encourage departments to conduct guest lectures, seminars and conferences in respective subjects.
- Self-appraisal of the teachers through maintenance of Academic Diary.
- Strengthening of Student Grievance Redressal Cell, Anti-Ragging Committee, Sexual Harassment Committee, etc.

❖ **Industry Interaction / Collaboration**

- To introduce computer courses by department of computer science with the help of industry

- Skill development courses to be conducted for final year students by corporate houses.
- Industrial visits to prominent laboratories, scientific research centres and financial institutions.
- Eminent members from industries act as visiting faculties and experts

❖ **Admission of Students**

- Student admission is done by the admission committee appointed by the college which consists of senior faculty members of the college.
- Admission is done as per the Karnataka Education Act
- Admission process is computerized making it fast, easier and student – friendly.
- Online payment of fees is introduced this year.

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

❖ **Planning and Development**

- Implemented SMS system for dissemination of information including regular notice to all stakeholders.
- Computerization of information with regard to examination process
- Information through website to all the stake holders
- Setting up virtual classrooms for learning

❖ **Administration**

- Notice display system for students and other stakeholder.
- Regular exercises of e-tendering process through Govt. portal.
- Call for e-tender process for acquiring equipment
- Automation of all transaction of office

❖ **Finance and Accounts**

- Fully computerized office and accounts section through Excel and Tally.
- Dispersal of salary fund from Govt. through HRMS portal.

❖ **Student Admission and Support**

- Online payment gateway.
- Maintaining student's database through excel.
- Scholarship is rendered fully online.
- Dispersal of scholarship is being planned through NEFT from next academic year.

❖ **Examination**

- Examination fee payment is fully online.
- Information about internal tests, university register numbers are available on the website
- e-portals are available on the website for payment of examination fees.

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
NIL				

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	Dates (from-to)	No. of participants (Teaching staff)	No. of participants (Non-teaching staff)
NIL					

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	Date and Duration (from – to)
NIL		

6.3.4 Faculty and Staff recruitment (no. for permanent/fulltime recruitment):			
Teaching		Non-teaching	
Permanent	Fulltime	Permanent	Fulltime/temporary
NIL (No new recruitment during the current year)			

6.3.5 Welfare schemes for	
Teaching	Group Life insurance Corporation of India Employees Provident Fund BHS staff employees working fund
Non-teaching	Group Life insurance Corporation of India Employees Provident Fund BHS staff employees working fund Employees State Insurance
Students	Scholarship by management

6.4 Financial Management and Resource Mobilization

6.4.1 Institution conducts internal and external financial audits regularly (with in 100 words each) Internal Audit is conducted every academic year. The auditors look into all the transactions in terms of physical infrastructure, salary component, purchase of equipment by different departments etc. This auditing is carried out by a Chartered Accountant appointed by the management. The external audit is not done every year but it is carried out alternate years by the government agencies (Department of Collegiate education and AGs office, Karnataka).

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/ Grants received in Rs.	Purpose

BSHES Management	7 crore	Complete college administration
6.4.2 Total corpus fund generated		

6.5 Internal Quality Assurance System				
6.5.1 Whether Academic and Administrative Audit (AAA) has been done?				
Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	NO	-	Yes	IQAC
Administrative	YES	DCE	Yes	Management

6.5.2 Activities and support from the Parent – Teacher Association (at least three)
<ul style="list-style-type: none"> ➤ Parent – Teachers Association meets twice every year. ➤ Departments engage in a meeting with parents to collect feedback about the institution, curriculum delivery, student satisfaction level, etc. ➤ Communicating views which the wards feel shy to communicate directly to the teachers about the college and the department.

6.5.3 Development programmes for support staff (at least three)
<ul style="list-style-type: none"> ➤ Support staff were given training in elementary and advanced Tally for increasing their computer proficiency by the programmers of computer science department. ➤ Office staff were given computer training so that they can handle the online admission and registration of students. ➤ Office staff of Accounts department was trained to be proficient with e-governance and HRMS systems of Karnataka Government.
6.5.4 Post Accreditation initiative(s) (mention at least three)
<ul style="list-style-type: none"> ➤ Automation of office

➤ Online fee payment for admission process and exam fees.

6.5.5

- 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 activity	Duration (from----- to-----)	Number of participants
2018	“NAAC AWARENESS PROGRAMME”	5th October, 2018	One day	120
2018	Workshop on Nuclear Reactions and Elementary Particles	10th October, 2018	One day	50
2019	Workshop on Hands-on Training on laboratory Equipment and Instrumentation for faculty and research scholars.	12 th and 13 th March 2019	Two days	57
2018	“Hands on Training on Manual API Identification and API Web”	On 24 th & 25 th September, 2018	Two days	60
2019	National level workshop on “Hands on training on Synthesis Of Bio-Nanoparticles And Their Anticancer Activity”	5 th &6 th February, 2019	Two days	72

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-to)	Participants	
Feminine Health and Hygiene – Talk and interaction And practical session on recycling – By Dr. Nayanashree, Epidermiologist, West zone, BBMP, Smt. Swathi and Smt. Reeni, NGO, Stone Soup	25/09/2018	Female (120)	Male (40)
Legal rights of Women – Talk by Dr. Suravj, Consultant and Post Doc	15/04/2019	Female (100)	

7.1.2 Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the College met by the renewable energy sources

7.1.3 Differently abled (Divyangjan) friendliness

Items Facilities	Yes/No	No. of Beneficiaries
Physical facilities	Yes	01
Provision for lift	-	-
Ramp/ Rails	-	-
Braille Software/facilities	-	-
Rest Rooms	-	-

Scribes for examination		
Special skill development for differently abled students	-	-
Any other similar facility	-	-

7.1.4 Inclusion and Situatedness						
Enlist most important initiatives taken to address locational advantages and disadvantages during the year						
Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date and duration of the initiative	Name of the initiative	Issues addressed	Number of participating students and staff

7.1.5 Human Values and Professional Ethics		
Code of conduct (handbooks) for various stakeholders		
Title	Date of Publication	Follow up (maximum 100 words each)

7.1.6 Activities conducted for promotion of universal Values and Ethics

Activity	Duration (from----- to-----)	Number of participants
Celebration of Independence day Flag area with the theme “YOUTH EMPOWERMENT” was also exhibited by NCC cadets	15.08.2018	NCC, NSS, YRC, R&R teachers and students
Celebration of Republic Day Flag Area was depicted by NCC cadets with the caption ONE STATE MANY WORLD. Activities like Slithering, monkey crawling was held for cadets in order to inculcate the spirit of adventure. PowerPoint Presentation on “India setting Global narratives on Global Warming” by R&R.	26.01.2019	NCC, NSS, YRC, R&R teachers and students
Inauguration of Yoga Vijaya and activities to inculcate discipline in mental, physical and spiritual health among students and staff	28/09/2018 subsequently every Friday at 3.30PM	50
Celebration of International Yoga day in the college outdoor Auditorium	21/06/2019	100
Founder’s Day and World Thinking Day Celebration: Celebration, A talk by IPS officer Ravi D. Channannavar who motivated us to give our best irrespective of the situation we are in and to serve our Nation organised by R&R	22/02/2019	50
Health Awareness programme Conducted by YRC on the occasion of World Health day	05/04/2019	120
Orphanage visit by YRC volunteers – Need base India Orphanage	04/05/2019	60
Swami Vivekananda Jayanthi and National Youth day celebrations in collaboration with Disha charitable trust	05/01/2019	200

for value initiatives conducted by Cultural committee of the college.		
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7.1.7 Initiatives taken by the institution to make the campus eco-friendly (at least five)
<ul style="list-style-type: none"> • The quadrangle in the college has a well maintained garden. • Single use plastic is banned in the campus • World Environment Day was organized on June 10, 2018 where several tree saplings were planted in the campus under the leadership of Mr. Ananth Kumar, Hon'ble Union Minister of Chemicals & Fertilizers as well as Mr. Uday Garudachar, MLA of the Chikkpet Constituency and in association with Jeeva Vijaya - Life science students Alumni of the College.

7.2 Best Practices
Describe at least two institutional best practices
Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link
http://vijayacollege.ac.in/pdfs/Best%20Practices%202018-19
<p>Improving Teaching – Learning Process :</p> <ul style="list-style-type: none"> • To ensure the completion of syllabus according to the academic planner of each department • To encourage teachers to adapt to technological advancements including ICT adoption in class room teaching • To improve pass percentage and enhance the number of ranks bagged by the college at the university level examinations <p>Creating social awareness among students :</p> <ul style="list-style-type: none"> • To create awareness about the social issues along with the academic studies and to inculcate social responsibilities among students through lecture sessions, workshops, seminars and community services. • To make the students understand and function in the world that they live and how their environments influence them.

7.3 Institutional Distinctiveness

Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust.

Provide the weblink of the institution in not more than 500 words

<https://www.vijayacollege.ac.in>

- The Mission and Vision and of our college is to achieve excellence in education with the philosophy that Education is a prime contributor to the development of self, society and diverse human enterprise and to elevate the college into one of the best learning UG and PG centres.
- The college is managed by members who are basically academicians having large experience in functioning of an educational institution. The management of the college encourage undergraduate education in pure sciences to provide quality inputs to higher institutes of learning. The college strives to achieve this goal by catering to middle class and lower middle class strata of the society.
- The fee structure is quite affordable and reservation policy is strictly followed. The students can pay the fees in two instalments. The staff of the college helps needy students in paying deficient fees. There is scholarship to economically backward students who are academically good provided by the management along with Government scholarships given to reserved categories.
- The Vijaya Vaanijya Alumni and Jeeva Vijaya along with newly started alumni of physical sciences provide financial aid to deserving candidates.
- Many departments have instituted cash prizes for students scoring maximum marks in the university exams.
- Students are encouraged to participate in extracurricular activities along with academics. They are encouraged to take up small projects to inculcate scientific temper.

8. Future Plans of action for next academic year (500 words)

1. To reintroduce midday meal scheme in the college in association with Akshyay partra of ISKCON with Vijaya Vaanijya Alumni, Physical Science Alumni and teaching and non-teaching staff of the college as sponsors.
2. To enhance academic excellence
3. To renovate Boys' toilet at the rear end of the college
4. To introduce online fee payment for admission
5. To maintain Assets register by all departments
6. To conduct bridge courses for freshers
7. To start Business lab for commerce students in the new business lab having 35 computers installed using CPE funds.
8. To conduct all extracurricular activities during two-day talents day celebrations
9. To start recording of virtual classroom video
10. Integration of UG and PG library
- 11 To install Multimedia projectors in 25 classrooms and laboratories.
- 12 Departments to encourage student projects using equipment purchased under CPE grants
13. To monitor optimum usage of newly created computer centre using CPE and management funds.
- 14 To strengthen the grievance redressal cell
- 15 To form a committee to monitor indexing of all equipment in science departments
- 16 Green initiative - To plant more saplings, To maintain plants of several species with regular watering, To use more of power efficient light bulbs, To reduce usage of electrical power, Study to made digital by taking notes electronically, To send notices, circulars digitally etc..
- 17 To fix Ceramic Green Writing boards in 18 class rooms using CPE funds
- 18 To acquire Table Tennis boards from CPE funds
- 19 To install Public address system using CPE funds in the outdoor Auditorim

- 20 To acquire digital camera using CPE funds for the purpose of video recording of lecture sessions.
- 21 To create a centralised computer centre in the second floor at the rear end of the college campus with 35 computers with internet facility using CPE funds.
- 22 To purchase printers, copier, scanner and Eval-OMR Perpetual Single user licence software under library automation using CPE funds.
- 23 To equip Language lab with new learning software, Headset and webcam from CPE funds.