



Yearly Status Report - 2019-2020

Part A

Data of the Institution

1. Name of the Institution		Mrs .A .V .N .COLLEGE
Name of the head of the Institution		Dr .Ch .Madhusudhana Rao
Designation		Principal
Does the Institution function from own campus		Yes
Phone no/Alternate Phone no.		9108912568004
Mobile no.		9949234479
Registered Email		principal.avncollege@gmail.com
Alternate Email		iqac.avncollege@gmail.com
Address		21-1-17 NEAR HEAD POST OFFICE, I-Town VISAKHAPATNAM
City/Town		VISAKHAPATNAM
State/UT		Andhra Pradesh
Pincode		530001

2. Institutional Status	
Affiliated / Constituent	Affiliated
Type of Institution	Co-education
Location	Urban
Financial Status	Self financed and grant-in-aid
Name of the IQAC co-ordinator/Director	Dr.S.Srinivasa Rao
Phone no/Alternate Phone no.	09849057189
Mobile no.	8639522045
Registered Email	profssr@avncollege.ac.in
Alternate Email	iqac.avncollege@gmail.com

3. Website Address	
Web-link of the AQAR: (Previous Academic Year)	http://avncollege.ac.in/documents.php
4. Whether Academic Calendar prepared during the year	Yes
if yes,whether it is uploaded in the institutional website: Weblink :	http://avncollege.ac.in/academic-calendar-au.pdf

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	B++	81.20	2007	31-Mar-2007	30-Mar-2012
2	B	2.88	2013	23-Mar-2013	22-Mar-2018
3	A	3.07	2017	12-Sep-2017	11-Sep-2022

6. Date of Establishment of IQAC	01-Aug-2008
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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
Organised certificate course on Group theory	16-Jul-2020 21	153
Organised workshop on making use of Digital and Virtual Classroom	18-May-2019 6	64
Organised workshop on Online Teaching Tools	09-Apr-2020 4	60
Creation of awareness and training program on admissions to members of admission committee	25-Nov-2020 4	18
Extended technical support and created awareness on engaging online classes to students during COVID- 19 lockdown period.	09-Apr-2020 6	962
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8. Provide the list of funds by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/ Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Institution	RUSA 2.0	MHRD, Govt of India	2019 2	10000000
Institution	CSR	HPCL	2019 3	3950000
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9. Whether composition of IQAC as per latest NAAC guidelines:	Yes
Upload latest notification of formation of IQAC	View File
10. Number of IQAC meetings held during the year :	5
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)

Submission of College data to All India Survey on Higher Education (AISHE).

Organized workshop on making use of Digital and Virtual class room.

Organized workshop on 'Online Teaching Tools'.

Participation in NIRF India rankings, 2020.

Planning, preparation and execution for Academic and Administrative Audit by Commissionerate of Collegiate Education (CCE), Govt. of AP.

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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
To encourage faculty members with doctorate degrees to apply for research guideship.	14 of the faculty members have been recognized as research guides by the Andhra University.
To prepare for academic and administrative audit by CCE, Govt. of AP.	Teaching diaries, teaching notes, lesson plans, student feedback, self appraisal forms and activity registers were updated for academic and administrative audit by CCE, Govt. of AP.
To upload data on AISHE portal within stipulated time.	Data collected compiled and uploaded on AISHE portal on 06.02.2020.
To organize a workshop on 'Digital and Virtual Classroom.	RUSA Digital and Virtual class room demonstration class and workshop organized on 01.08.2019.
To encourage physical activity and usage of INFLIBNET among staff members and students.	The number of students participating in sports events and accessing INFLIBNET have considerably increased.
To review abstracts received for the national conference on 'Science of Disaster Management' and make travel and accommodation arrangements for resource persons and delegates.	51 abstracts received for the national conference, and published in the souvenir. Travel and accommodation arrangements successfully completed.
To install the laboratory equipment purchased with RUSA funds in different laboratories, and impart training	Equipment received have been installed in the concerned departments and hands on training imparted to the respective faculty members.
To complete data entry for NIRF India rankings, 2020 within the stipulated time.	Data uploaded to NIRF portal on 29.11.2019

To encourage all the faculty members for optimally utilize of digital and virtual class room facility made available with RUSA funds.	Considerable number of faculty members making use of digital and virtual class room facility.
To submit AQAR 2019 2020 within the stipulated time	AQAR 20192020 submitted on 28.12.2019.
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14. Whether AQAR was placed before statutory body ?	Yes
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Name of Statutory Body	Meeting Date
Academic Council	24-Mar-2021

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	Yes
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Date of Visit	25-Feb-2021
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16. Whether institutional data submitted to AISHE:	Yes
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Year of Submission	2020
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Date of Submission	06-Feb-2020
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17. Does the Institution have Management Information System ?	Yes
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If yes, give a brief description and a list of modules currently operational (maximum 500 words)	To keep up with the rapid evolution of technology and it's applications in the field of education, Mrs.A V N College has adopted the MIS for focusing on administrative and academic matters. Now days, computerization has become a necessity for student, staff, learning, examination and library management. MIS enables effective planning, implementation and monitoring of the services / activities of the institution, and LMS helps deliver costeffective and easytoaccess services, and improves transparency. The institution is in the process of implementing ecampus management for efficient administration and improved services. The institution plans achieve these by incorporating modules for Rolebased user management, College / Programme / Course management,
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Admission management, Student management, Student portal, Fee management, Staff management, Basic staff profile, Examination management, Hostel management, Alumni management, Administration / Configuration management, SMS / Alerts modules, student portal, and Dynamic reports. The e-campus management system will be designed in such a way that it has super admin, college admin and all the stakeholders. Every user has his/her own role and responsibility. After logging in, various fields like Home, Setup, Admission process, Student management and Fee management appear on dash board. User will have the option to change password. Admissions field allows the user to add application form collect application fee, and screen and admit the student. Student management field lets the user import student data, attendance, student transfer and progress, issue of study certificates, TCs, etc. Fee management field enables bulk billing, billing, fee receipt generation, fee refund and discount facilities. Examination field facilitates preparation of exam time tables, tabulation of marks, readmission of students, student report cards, etc. The staff profile field will have options to add staff members, search for staff details and edit profiles. The attendance management field enables recording staff and student attendance. Programme management field facilitates change in programme, its approval and assigning subject / paper to a lecturer. Alumni management field will have options such as create event, job vacancy and SMS. The Reports field lets the user generate reports. Among all, the setup menu on the dash board lets the administrator customize the options of all the aforesaid fields.

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

During admissions and commencement of a new academic year, hand books with information on the code of conduct and the vision and mission of the college

are distributed to all the stakeholders. An orientation program is organized on the day of reopening, to create awareness on the semester system (CBCS), and time tables distributed to students. Core subjects, languages and foundation courses are taught five days a week, and Saturdays are allotted for audio-video classes / quiz / group discussions / JAM / student seminars / assignments / field trips or project work. Teaching aids employed by faculty members from science include charts and models. Digital and virtual class room facilities are availed of, wherever possible. The college believes in the importance of practical learning, to boost the knowledge and skills of students, and enhance their transition into working life. Skill development classes are conducted after the college hours. Certificate courses and training programs are also organized. Students are taught Communication and Soft Skills as part of the curriculum. Additionally placement cell imparts training to students to enhance their employability skills. Human Values & Professional Ethics and Environmental Studies are part of the curriculum. All foundation courses are taught by teachers who fulfill the eligibility criteria and receive faculty training to teach the subjects. Class work is supervised by Vice-principals. Large number of students enrol for NCC and NSS. Active participation of college in community service and awareness programmes was possible mostly through these units. The NCC and NSS units organized a number of camps and awareness programs, Swatchhta Hi Seva, tree plantation, blood donation camp, awareness programs on fight against mosquitoes and ODF surroundings, medical camps and cleaning of public places like beach, market, statues, bus stand and hospital. Fresher's Day, Teacher's Day, and Farewell parties are being celebrated by the students. Staff and students participate in 'Sankranthi' celebrations, a harvest festival of A.P to create awareness on the culture of the state among students. Sports and games are organized on the occasion of Independence Day and Founder's Day, and prizes distributed to the winners. Endowment prizes are distributed to meritorious students on every Founder's day. Feedback is collected from students by providing feedback boxes placed in every block. Parents' feedback is collected during parents' meet each semester, and feedback from alumni is collected during alumni meetings. Additionally, a web-page has been created and is being maintained on the college website to receive feedback from all the stakeholders.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employability/entrepreneurship	Skill Development
Computer and Soft Skill (ICT)	Nil	15/05/2019	30	Employability	ICT
Tally	Nil	26/07/2019	60	Employability	Software
Python	Nil	03/08/2019	100	Employability	Software
E-Commerce and Digital Marketing	Nil	23/12/2019	60	Employability	Marketing
Amazon Web services	Nil	25/12/2019	45	Employability	Marketing
Group theory	Nil	16/07/2020	56	Skill development	Mathematical Skill

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
Nil	Not Applicable	Nil
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BSc	Mathematics/Physics/Chemistry/Computer Science/Electronics/Botany/Zoology/Statistics	01/01/2019
BCom	Banking / Accounts	01/01/2019
BA	History / Economics/Political Science/ Special English/Special Telugu	01/01/2019
MCom	Accounts	01/01/2019

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

	Certificate	Diploma Course
Number of Students	276	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
Information and Communication technology	01/01/2019	541
Human values and Professional Ethics	01/01/2019	640
Analytical Skills	01/01/2019	541
Entrepreneurship	01/01/2019	541
Communication and Soft skills	01/01/2019	541
Environmental Studies	01/01/2019	640
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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
BA	Field visit to Historical and Archaeological sites	58
BSc	Field visit to Nekkanti sea foods - A shrimp processing plant	16

BSc	Field visit to Indian Council of Agricultural Research - Central Institute of Fisheries Technology and Central Marine Fisheries Research Institute	16
BSc	Field visit to INS Kursura Submarine museum	42
BSc	Field visit to Cyclone Warning Center	28
BSc	Field visit to AP Government plant nursery	23
BSc	Field visit to NSSO (National Sample Survey Office)	48
BSc	Field visit to Etikoppaka sugar factory	36
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

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

Feedback Obtained
<p>For growth, development and most essentially quality enhancement of any college, obtaining feedback from all the stakeholders enables to focus on quality education. Mrs.A.V.N.College has adopted this system a long time back. The products of Mrs.A.V.N.College are placed all over the globe-the reason we have a very strong alumni association, an association of intellectuals. The college continuously receives guidance, advice, and financial help from the alumni. This has been possible through periodical/annual alumni meetings. A web page was also created on the website of the college, to be in touch with the alumni. The institution is proud to have such amicable and eminent alumni who have love for the institution and their alma mater. Two parent teacher meets are arranged one in the beginning, and another at the end of the academic year. The feedback obtained through these meets is thoroughly analysed and corrective measures adopted accordingly. Student's feedback is sought on aspects such as teachers' performance, syllabus coverage, basic amenities, laboratory and library facilities. The Principal convenes periodical meetings with heads of the department and staff to review improvement in quality of teaching. Meetings at the department level are convened by the HODs for quality improvement in the concerned departments. This has been the chain of process which is being followed by the institution for several years. Thus feedback plays a dominant role in improving the quality of teaching The College has started taking feedback from all the stakeholders through google sheets, and the received data</p>

analysed for further development of the institution.

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
BA	History, Economics, Political Science	90	94	66
BSc	Mathematics, Physics, Chemistry	50	197	51
BSc	Mathematics, Physics, Statistics	24	51	24
BSc	Mathematics, Physics, Electronics	36	87	31
BSc	Mathematics, Physics, Chemistry	110	328	122
BSc	Mathematics, Electronics, Computer Science	50	155	47
BSc	Mathematics, Statistics, Computer Science	50	174	51
BSc	Chemistry, Botany, Zoology	60	139	72
BCom	General (English Medium)	120	196	98
BCom	General (Telugu Medium)	120	174	72

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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
2019	1677	58	61	3	2

2.3 – Teaching - Learning Process

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

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used
64	60	8	8	8	39

[View File of ICT Tools and resources](#)

[View File of E-resources and techniques used](#)

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

Mrs.A.V.N.College is one of the pioneering educational institutions in Andhra Pradesh, bestowed with rich experiences in devising the student retention, enhancement, and counseling. The institution has been devoted to academic and all round development of the student with multitudinal facets as part of which, the college has well established mechanisms like: 1. Class Teacher system 2. Women's Cell 3. J.K.C. and Placement Cell 4. AP Skill development Corporation 5. Anti-ragging and Disciplinary committee 6. Brainstorming with the HOD's 7. Yoga system of spiritual learning 8. Parent teacher meetings etc. 9. 40 CC TV network around the campus Under class teacher and mentor system, the principal appoints the class teachers to each class, who in turn is responsible to monitor the student regularity and discipline, level of understanding and performance, enabling the parents to know the performance of their ward, inter attitude qualities, performance parameters and problems. Accordingly necessary inputs such as special classes, student seeking symposia and personal queries are arranged. To improve the competitive abilities and student employment avenues, the institution has been enriched with JKC and Placement cell and A.P State Skill Development Corporation, through which several courses like Tally OAT etc are organized and hundreds of students are benefited. Women's cell redresses the various problems of girl students like gender parity, psychological and psychiatric issues. Study projects are quite in practice to expose the students to the practical world. The Anti ragging Committee is doing its best in maintaining campus discipline and protecting the girl students. The principal of the college provides a platform for brainstorming with all the HODs in order to achieve outstanding student outcomes. Parent teacher meets and yoga systems of spiritual learning enable student progression. Beyond classroom learning, the students are encouraged to organize student seminars and community services like literary programs in the vicinity of the college.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
1702	64	1:27

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
78	64	14	3	23

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
2019	Dr.Ch.Srinivasa Rao	Professor	State best NSS program officer
2019	Dr.Ch.Srinivasa Rao	Professor	University best NSS Program officer
2019	Dr.Ch.Srinivasa Rao	Professor	Bharatratna Indira Gandhi gold

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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
MCom	30896	4/II	20/10/2020	27/12/2020
BSc	30895	6/III	10/09/2020	01/11/2020
BCom	30893	6/III	10/09/2020	01/11/2020
BA	30891	6/III	10/09/2020	01/11/2020

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

Updation and innovative evaluation systems are the order of the day. In Continuous Internal Evaluation, enhances the learning experience of the student, and enables him/her to face the competitive world boldly. Appraisals of student performances are taken as paramount importance for progression. Being an aided and affiliated college, the institution adopts the CBCS pattern of semester system of the AP State Council of Higher Education (APSCHE) as per guidelines of UGC and affiliating University. • The college conducts internal examinations for 25 marks in the name of class tests and 1st and 2nd mid semester examinations, for which the evaluation of scripts is done by respective internal faculty members. • The departmental in-charges appraise of the evaluation process to the faculty members, who in turn explain to students. • The evaluated scripts are circulated among the students for their verification and objections if any. • The objections of students along with their respective scripts are further reviewed by departmental in- charges and the marks finalized. • The scripts of end semester examinations are valued by external faculty members, as per the norms of the affiliating university. • Students can apply for revaluation to the affiliating university. • Individual departments in the college organize field trips, and student seminars and group discussions, project work for up-gradation and enhancing competency among students • Student feedback boxes are installed for better quality of teaching.

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

For purposes of proper and timely completion of syllabus, conducting the examinations at scheduled dates and announcing the results at determined periods, plan for academic, extracurricular and inter -mural activities is highly required and followed. The institution strictly adheres to academic calendar, and other relevant stipulations issued from time to time by affiliating university, APSCHE and Commissionerate of Collegiate Education, A.P. Amaravati, based on which the college prepares its academic schedule. • Firstly, the academic calendar issued by the affiliating university (Andhra University) is circulated among the departments. This forms the basis for preparation of departmental plans. • Keeping in view the departmental academic plans, each department prepares the respective time tables, allocating 20 periods of workload per week to each faculty member, along with other curricular aspects. • At the end of each month, the teaching diaries of faculty are reviewed by the HODs and inspected by the principal. Percentage coverage of

syllabus is ascertained in the meeting convened by principal with heads of the department, so as to equip the students to attend various examinations such as class tests, mid semester exams and end semester exams. • Slow learners are identified by remedial classes arranged and bridge courses conducted to students from different streams. • Valuation process is taken up for internal examinations (class tests and mid semester examinations) as per college norms and external examinations (end semester examinations) as per university stipulations. • During summer vacation, a coaching camp is organized for the purpose of entrance tests, competitive examinations, placements, etc.

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://avncollege.ac.in/pdf/IOAC/PROGRAM-OUTCOME-COURSE-OUTCOME.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
30806	MCom	General	28	28	100
30805	BSc	Mathematics/Physics/Chemistry/Computer Science/Electronics/Statistics/Botany/Zoology	220	102	46.36
30803	BCom	General	97	73	75.26
30801	BA	History/ Economics/ Political Science / Special English/Special Telugu	33	26	78.79

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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://avncollege.ac.in/iqac-naac.php>

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Resource Mobilization for Research

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

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Students Research Projects (Other	4	College	0.4	0.4

than compulsory by the University)				
Students Research Projects (Other than compulsory by the University)	4	Alumni	0.3	0.3
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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
Online teaching tools	Computer Science	02/06/2020
Workshop on making use of Digital and Virtual Class room	TCIL	19/07/2019
Workshop on Capital Market Awareness	BSE	15/02/2020
Workshop on Personality grooming	Gillet India Limited	15/02/2020
Seminar on Science in everyday life	Breakthrough Science Society	28/02/2020

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
Bharat Ratna Indira Gandhi Gold Medal award	Dr.Ch.Srinivasa Rao	Global Economic Progress Research Association	18/10/2019	Social Service
State Level best NSS Programme Officer	Dr.Ch.Srinivasa Rao	A.P.State government	26/11/2019	NSS
University Level Best NSS Programme Officer	Dr.Ch.Srinivasa Rao	Andhra University	24/10/2019	NSS
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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
Laboratory Equipment design and fabrication	Solar cell characteristics	College	Laboratory Equipment	Training and awareness	09/01/2019
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3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
2	1	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
Mathematics	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	Physics	2	2.43
International	Telugu	2	Nil
International	Botany	7	5.2
International	Economics	2	5.3
International	Mathematics	11	4.2
International	Chemistry	8	6.29
International	Zoology	2	4.8
International	Commerce	3	5.83
National	Telugu	2	Nil

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

Department	Number of Publication
Economics	2
Botany	2
Zoology	3
Telugu	2

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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
Valasa Jathula Vethalu	Dr.A.Sitaratnam	Sahitya prasthanam	2020	Nil	Mrs.A.V.N.College	Nil
Removal Cr (VI) from spiked solution by natural	Dr.G.Venkateswara Rao	Journal of emerging Technologies and innovative	2019	Nil	Mrs.A.V.N.College	Nil

adsorbent -A fixed bed study		Research				
Bio sorption of Cr (VI) from aqueous solutions by Pericarp of Pongamia Pinnata	Dr.R.V.R amana Murthy	Spinger Nature	2020	Nil	Mrs.A.V. N.College	Nil
Applicat ion to Int egrati on with Coupled fixed point theorems in A(b) - Metric spaces	Dr.Ch.Sr inivasa Rao	CAMJ	2019	Nil	Mrs.A.V. N.College	Nil
The Role of Interna tional trade in the Economic D evelopment in India - Analysis	Dr.A.Pra bhakar	JETIR	2019	Nil	Mrs.A.V. N.College	Nil
Sublethal Effect of Copper on Plasma Cirrhinus mrigala and Ctenot haryngodon	Dr.C.Mam atha	Journal of Experim ental Biology and agricu ltural sciences	2020	Nil	Mrs.A.V. N.College	Nil
Investors or Traders Perception on Equity Derivative s	Dr.B.San dhya Sri	European Journal of Molecular and Clinical Medicine	2020	Nil	Mrs.A.V. N.College	Nil
Multi vague sets	Dr.N.Ram akrishna	Studia R osenthalia na	2020	Nil	Mrs.A.V. N.College	2
Modelling	Dr.S.Sri nivasa Rao	Journal of	2020	Nil	Mrs.A.V. N.College	3

the structural and reactivity landscapes of tucatinib with special reference to its wavefunction-dependent properties and screening for potential antiviral activity		molecular modeling				
Educated Unemployed Youth-Challenges : A Study in Visakhapatnam City	Dr.S.Pul larao	International Journal of Humanities and Social Science Invention (IJHSSI)	2019	Nil	Mrs.A.V.N.College	Nil

[View File](#)

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
Discussion on Prime and K-Prime Labelling results	Dr.Ch. Srinivasa Rao	IJICS	2019	11	Nil	Mrs. AVN College, Visakhapatnam
Educated Unemployed Youth-Challenges : A Study in Visakhapatnam City	Dr.S.Pul larao	International Journal of Humanities and Social Science Invention (IJHSSI)	2020	11	Nil	Mrs. AVN College, Visakhapatnam
Ethnomedicinal plants for curing asthma Catarrh	Dr. B. Sandhya Sri	Ethnobotany	2020	22	Nil	Mrs. AVN College, Visakhapatnam

Cold and Cough by Bagata tribe of AP						
The Influence of Demographic Factors on Commodity Trading in India	Dr. B. Sandhya Sri	International Journal of Recent technology and Engineering	2020	17	Nil	Mrs. AVN College, Visakhapatnam
Assessing Investors' Knowledge about Commodity Trading in India.	Dr. B. Sandhya Sri	International Journal of Innovative technology and exploring Engineering	2019	40	Nil	Mrs. AVN College, Visakhapatnam
Multi vague sub field of a field	Dr. N. R amakrishna	Solid state Technology	2020	24	Nil	MrsA.V.N .College, Visakhapatnam
Vague cut-set on vague join semi lattice and vague join semi L-filters	Dr. N. R amakrishna	Solid state Technology	2020	24	Nil	Mrs. AVN College, Visakhapatnam
Modelling the structural and reactivity landscapes of tucatinib with special reference to its wavefunction-dependent properties and screening for potential antiviral activity	Dr.S. Srinivasa Rao	Journal of molecular modelling	2020	65	Nil	Mrs. AVN College, Visakhapatnam

First-Principle Studies of Istradefyl line with Emphasis on the Stability, Reactivity, Interactions and Wavefunction-Dependent Properties	Dr.S. Srinivasa Rao	Journal of Polycyclic Aromatic Compounds	2020	31	Nil	Mrs. AVN College, Visakhapatnam
Discussion on Prime and K-Prime Labelling results	Dr.Ch. Srinivasa Rao	IJICS	Nil	11	Nil	Mrs. AVN College, Visakhapatnam

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

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	21	131	2	7
Presented papers	Nil	2	Nil	5
Resource persons	Nil	5	Nil	Nil

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3.4 – Extension Activities

3.4.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
Mega Blood donation camp	NCC and RED CROSS	12	100
Swachh Bharath rally	NCC	7	102
International day against Drug Abuse	NCC	10	74
Yoga day	NCC	24	98
World tobacco day	NCC	8	64
Awareness program water conservation	NCC	6	50
Voters Day Rally	NSS	10	125

Awareness program on Food and Nutrition	NSS and UNICEF	12	50
Constitution Day Celebration.	NSS	10	125
Vanam Manam plantation program	NSS	10	250
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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
NCC Participation in RD parade	PM Rally trophy	Director General NCC	1
Mountaineering	Climbed Africas highest peak Mount Kilimanjaro	Guinness book	1
NSS	Best NSS programme officer at state level	Government of AP	50
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3.4.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
Environmental protection	NCC	Rally	7	50
Culture exchange program	EBSB	Cultural exchange	10	75
Kargil Vijaya Diwas,	NCC	Drawing, Essay Writing dances Pledge	1	12
Swachh Bharat	NSS	Cleaning of local main vegetable market	12	120
Food and Nutrition	NSS	Awareness program	12	50
FIT India	NCC	Health awareness	18	58
Blood donation camp	NCC and Red Cross	Awareness and blood donation	12	100
Water conservation	NCC	Awareness program	6	50
Vanam Manam	NSS	Planting	10	250

		saplings		
Swachh Bharat	NCC	Beach cleaning	7	102
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3.5 – Collaborations

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

Nature of activity	Participant	Source of financial support	Duration
Ek Bharat Shreshta Bharat	Ministry of Youth Affairs, Punjab	EBSB, Government of India	6
Faculty exchange	B.V.K.College	Mrs.A.V.N.College	2
Faculty exchange	Dr.L.B.College	Mrs.A.V.N.College	2
Faculty exchange	G.V.P.College	Mrs.A.V.N.College	1
Faculty exchange	Prism Degree and PG College	Mrs.A.V.N.College	2
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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
Internship	Practical training	Adeptude	01/01/2020	10/12/2020	15
Internship	Internship	Rajkamal Shrimp Hatchery (P) Limited	20/01/2020	03/02/2020	10
Faculty exchange	Guest lectures	Prism degree and PG College	25/11/2019	15/02/2020	4
Faculty exchange	Guest lectures	G.V.P.College	25/11/2019	15/02/2020	2
Faculty exchange	Guest lectures	Dr.L.B.College	25/11/2019	15/02/2020	2
Faculty exchange	Guest lectures	B.V.K.College	25/11/2019	15/02/2020	4
Skill Development	Plant Nursery management	AP Forest department	26/12/2019	03/12/2020	20
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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
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			participated under MoUs
Adeptude	01/01/2020	Skill development	150
Penmatsa Syamala Aqua Farms	03/12/2019	Field visits / Placements / Skill development	45
Rajkamal Shrimp Hatchery (P) Limited	04/11/2020	Field visits / Internship / Placement support	24
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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
50.83	50.83

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added
Video Centre	Newly Added
Seminar halls with ICT facilities	Newly Added
Classrooms with LCD facilities	Newly Added
Seminar Halls	Existing
Laboratories	Existing
Class rooms	Existing
Campus Area	Existing
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4.2 – Library as a Learning Resource

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

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
SOUL	Partially	2.0	2017

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	51451	Nill	125	11984	51576	11984
Reference Books	20058	Nill	8	2450	20066	2450
e-Books	Nill	Nill	3164309	5900	3164309	5900
e-Journals	Nill	Nill	6150	5900	6150	5900

Existing	230	2	135	2	3	10	9	40	0
Added	32	1	32	0	0	0	4	10	0
Total	262	3	167	2	3	10	13	50	0

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

50 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
RUSA Digital and Virtual center	http://avncollege.ac.in/videos.php

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
3.5	3.5	50.83	50.83

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)

Mrs.A.V.N. College, Visakhapatnam has properly established systems and procedures for maintaining and utilizing physical, academic and support amenities. There are typical operating procedures for maintenance of infrastructure and support facilities. Academic facilities in the institution include skillfully prepared academic policy documents with the aim to plan a college approach to the provisions of academic programs and the student cohorts for which they have been developed. It also protects various academic facilities available in the college. Physical facilities such as infrastructure, buildings and furniture, are being well maintained by a committee headed by a coordinator. Budget is allocated periodically to ensure proper maintenance and utilization of physical facilities. Maintenance of safety measures on the campus is outsourced, and taken care of by a private agency. Laboratories: Laboratories are maintained by laboratory subordinates. The stocks and records of all laboratories are properly maintained by store keepers and record assistants under the supervision of department in-charge and office superintendent. Department wise annual stock verification is performed by committees constituted for the purpose. Standardization and modernization of equipment and updation of laboratories wherever required, are attended to by the specialized agencies. Library: As per the policy document, the Learning Resource Centre is managed by a librarian assisted by 01 Assistant librarian, 02 Record assistants and 01 Office subordinate. The library staff ensures the best maintenance and utilization of library infrastructure. The following measures are followed for the maintenance of furniture, equipment, computers and books in the LRC: Periodic fumigation. Regular maintenance of reading room, reference section, loan section and equipment. Updation of stock entries and physical verification. Firewall protection to computers and updating internet connectivity. Minor/major repairs or replacements as per demand. Fire extinguishers and vacuum cleaners, Physical Education: Proper maintenance and utilization of sports and games equipment, courts and gymnasiums are looked after by the Physical Director with support from subordinates. Provision is made for periodic purchase of new equipment as per necessity. Classrooms:

Maintenance and utilization of classrooms is entrusted to sergeant/proctors/in-charges identified for the purpose. They are kept clean and ready for use with proper maintenance. Campus: There is a sergeant in the college who is entrusted with overall maintenance of cleanliness, discipline and repairs. Office subordinates and night watchmen are also involved in campus maintenance. Computers and IT infrastructure: There is an IT Policy in the college, which ensures optimal maintenance and utilization of IT infrastructure for the benefit of students. It is assigned the task of purchase and upgradation of systems and software, maintenance of equipment and disposal of e-waste. Furniture, Water/ Electrical/ Plumbing Equipment: These works are either maintained by the skilled Guild of the college or outsourced to professional service agents.

<http://avncollege.ac.in/infrastructure.php>

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 Scholarships and Alumni freeships	148	453900
Financial Support from Other Sources			
a) National	HPCL / SANTOOR/HELP TO BLIND SOCIETY	408	2084500
b)International	ICCR	12	960000
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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
REMEDIAL COACHING	09/09/2019	428	College
YOGA AND MEDITATION	21/06/2019	154	NCC/ Andhra University
COUNSELLING TO GIRL STUDENTS	24/10/2019	58	Womens Cell
ANTI RAGGING AND DRUG ABUSE	28/06/2019	142	AP State Police and Anti-Ragging committee of the college
SKILL DEVELOPMENT - PYTHON	03/08/2019	30	AP State Skill development corporation
SKILL DEVELOPMENT - E-COMMERCE AND DIGITAL MARKETING	23/12/2019	30	AP State Skill development corporation
SKILL DEVELOPMENT - ICT	15/05/2019	107	AP State Skill development corporation

SKILL DEVELOPMENT- TALLY ERP	21/02/2019	54	AP State Skill development corporation
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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 passed in the comp. exam	Number of students placed
2019	PG Entrance exams- Coaching for competitive exams - Skill development training - CRT	92	144	34	71
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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
7	7	6

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
4	148	32	6	124	39
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5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
2020	6	B.A	Arts	Andhra University	M.A
2020	12	B.Com	Commerce	Andhra University	M.Com / M.B.A
2020	14	B.Sc	Science	Andhra University	M.Sc / M.C.A/ M.B.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
Any Other	10
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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
Net ball (men)	Intercollegiate cum university selections	40
Target ball (men)	Intercollegiate cum university selections	96
Hand ball (men)	Intercollegiate cum university selections	96
Net ball (women)	Intercollegiate cum university selections	30
Target ball (women)	Intercollegiate cum university selections	72
Hand ball (women)	Intercollegiate cum university selections	64
24th Annual A.V.Jaggarow memorial intercollegiate foot ball tournament	University	120
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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
2019	Gold medal	Internat ional	1	Nil	II.B.A	G.Satish Kumar
2019	Gold Medal	National	1	Nil	III.B.Sc	G.Gangad har
2019	Gold Medal	National	1	Nil	II.B.Sc	N.Somesw ara Rao
2019	Gold Medal	National	1	Nil	I.B.Sc	P.Tejash wini
2019	Gold Medal	National	1	Nil	I.B.Sc	B.Venkata Triveni
2019	Gold Medal	National	1	Nil	I.B.Com	K.Mounika
2019	Mountain eering	Internat ional	1	Nil	II.B.Sc	B.Raju
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5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

Mrs.A.V.N.College has been a student friendly college since the beginning. The elected students' unions till late eighties, used to be strong and active. Owing to the ban on elected students' unions in the late eighties, the elections to students' union have come to a standstill. However, to encourage leadership and entrepreneurial qualities in students, the most meritorious and proactive students in each class, preferably a boy and a girl are nominated as class representatives (CRs), and all CRs are considered to be part of the student council. The class representatives are made admins of the Whatsapp groups created by the respective teachers to post all useful information such as payment of college and examination fees, registration for government and private scholarships, schedule of examinations, etc. In addition, they are also encouraged to post reliable information regarding latest developments in the concerned subjects, and job opportunities, under careful supervision of the class teachers. The academic and administrative bodies of the institution, represented by student council members are IQAC and RUSA. Cultural, literary and e-magazine committees have student council representatives. The council members play an important role in organizing fresher's day, teacher's day, and farewell party. They also anchor the cultural events on founder's day. The members of the student council also involve themselves in maintaining cleanliness and greenery on the campus. They work with NCC and NSS units organizing blood donation camps, awareness programmes and rallies. The council brings to the notice, issues relating to academic matters, online data submission on government and university portals, biometric attendance for government scholarships etc. The following are the important activities of the student council during the year - Preparing projects for 'National Conference on Science of Disaster Management', a two day UGC sponsored conference held on 23rd and 24th of November 2019. Mobilising girl students for participation in 'Power Walk' organized by AP Mahila Commission and Durgabai Deshmukh Centre for Women's studies, Andhra University, on the occasion of International Women's Day, 2020. Encouraging students to participate in as many online quiz programmes / webinars / online courses in the concerned subjects during lockdown period. Mobilizing students to attend online classes during lockdown.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

The alumni association of the college was registered in March, 2011. The association has more than 3470 alumni enrolled with it. Sri A Sarveswara Rao, chartered Accountant, is the president of the association. Sri D Srinivas, a distinguished member of the association has been appointed as Chairman, Visakhapatnam Metro Region Development Authority (VMRDA). Another eminent member, Prof.V Krishnamohan, has been appointed as Registrar, Andhra University, for the second consecutive term. Dr.P V Sudhakar, Principal, Andhra Medical College, and an advisor to the alumni association is an esteemed alumnus of the institution, and has been appointed as Visakhapatnam district COVID-19 nodal officer during lockdown. The freeships to 20 students by 1986-1989 batch alumni is being continued. The garden around the Chemistry department, sponsored by Dr.Sonti Sriram of USA, a prominent alumnus of the college, has been maintained since 29.10.2011. Prof.G S N Raju an eminent alumnus has been appointed as Vice-chancellor of Centurion University.

5.4.2 – No. of enrolled Alumni:

3470

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

355900

5.4.4 – Meetings/activities organized by Alumni Association :

Meetings of alumni association have been convened in August, 2019 and October, 2019. Mrs.Sarojini Voleti Memorial Scholarship, constituted in the name of one of the distinguished alumnus of the college, Sri Voleti Rama Rao (USA), has been sanctioned to 20 students from the three streams-Science, Commerce and Arts, based on their merit and financial status (as per the norms laid down by the sponsor). The expenditure towards college fee, examination fee, books and uniform for all the 20 students is borne by the sponsor. Ms.Padmalatha Viswanadha (USA),valued alumnus, has kindly consented to bear the college fee for 5 students from different streams. Ms.Satyaveni working in Life Insurance Corporation of India Ltd., has volunteered to bear the college fee of 5 students. R.Kannam Naidu, one of the esteemed alumnus, has donated 50 books to college library Alumni of the institution and members of Alluri Seetharamaju Association have installed a statue of Alluri Seetharamaraju, an erstwhile student of the college and a popular freedom fighter of north Andhra region, on the college premises. The said association has organized a book release function of the book written on Alluri Seetharamaraju. Reputed alumnus of the institution,Prof.D. V. G. L. N. Rao, Fellow of the American Physical Society Distinguished Professor Emeritus, Department of Physics, University of Massachusetts, Boston, USA, established an annual prize for the best student project in Physics.

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)

Good governance can be achieved only through decentralization, which leads to participative management, and enhances the work efficiency among the teaching and non-teaching staff. The hierarchy is such that the governing body of the institution is at the apex, followed by the staff council and the IQAC, the members of which are nominated by the governing body / Correspondent. IQAC comprises various committees constituted by the Principal, with the consent of the Correspondent. The staff council comprises the heads of all the departments, the core committee members of the IQAC, the NCC officers and NSS programme officers. The IQAC executes all the important tasks - submission of AQAR to NAAC, preparation for academic and administrative audit, collection, compilation and uploading data on NIRF and AISHE portal. All committees are represented and headed by members of the faculty. Non-teaching staff are nominated for maintenance and purchase committees, and students in committees such as IQAC, e- magazine, cultural and sports. All decisions regarding policy matters are taken by the governing body, and their execution is monitored. The staff council and IQAC play a key role in decision - making at college and department levels, taking into account the feedback from stakeholders and thorough review. The final decisions and power of execution regarding curricular and co-curricular activities, solely lie with staff council and IQAC. Maintenance and purchase committees look into the regular maintenance of the campus, infrastructure and purchase of items needed. The admissions committee deals with the enrolment of students into various programmes, payment of fees, issue of identity cards, bus passes and accommodation for students in hostels. The examination committee deals with conduct of paper valuation and examination result analysis. The JKC Placement cell committee is concerned with training of students in life skills and employability skills, organizing campus drives and nominating students for job fairs. Disciplinary committee maintains

discipline among students and the anti-ragging committee prevents ragging on the campus. The student grievance cell receives grievances from students, and ensures grievance redressal. Women's Cell Internal Complaints Committee address the issues relating to women staff members and girls, organize awareness programs on gender sensitivity, women empowerment, etc., and counsel girl students.

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

Yes

6.2 – Strategy Development and Deployment

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

Strategy Type	Details
Curriculum Development	<ul style="list-style-type: none"> • Strictly adhere to the CBCS pattern of the semester system in UG and PG. • Introduce 10 foundation courses and 05 Skill development courses. • Introduce value-added courses such as Human Values and Professional Ethics, Leadership Education and Soft Skills. • Introduce field projects and internships. • feedback system from all stakeholders. • Contribute to enrichment of the curriculum as members and chairpersons of Boards of Study (appointed by the affiliating university)
Teaching and Learning	<ul style="list-style-type: none"> • Encourage teaching staff to participate in training programmes, workshops and seminars. • Training students in ICT enabled strategies and enhanced their participation in seminars, workshops and skill development courses. • Hands on training on digital and virtual class rooms • Initiate the process of applying for autonomy. • Identify slow learners and advanced learners and impart special coaching to them.
Examination and Evaluation	<ul style="list-style-type: none"> • Encourage faculty members to complete evaluation of scripts within stipulated time and discuss the answer paper with students • Encouraging subject / course / class toppers by giving endowment prizes each year • Conduct internal examinations, group discussions, quiz, JAM, class tests and assignments.
Research and Development	<ul style="list-style-type: none"> • Encourage members of the faculty to guide more research scholars • Encourage teachers to publish research articles in UGC-CARE listed journals. • Arrange guest lectures by eminent professors as resource persons
Library, ICT and Physical	<ul style="list-style-type: none"> • Preserve the century old and out-of-

Infrastructure / Instrumentation	print books available in the library, by digitizing them. • Subscribe for more journals, e-books and websites. •Add Additional number of computers in the library to facilitate access of INFLIBNET / N-List by more number of students and faculty members.
Human Resource Management	• The Academic Audit API Score helps identify teachers with aptitude for academics and attitudes that match with the mission of college • Human resource planning is being worked out in a systematic way, keeping in mind the challenges related to superannuation, freezing of grant-in-aid recruitment and introduction of self financed courses.
Industry Interaction / Collaboration	• College appointed a senior faculty member as a liaisioning officer. He continuously maintains rapport with local industries like Steel Plant, HPCL and Port Trust • This rapport resulted in a few fruitful collaborations with HPCL, which has sanctioned 19.28 lakhs for scholarships, as part of their corporate social responsibility initiative •The collaboration with GVMC-UNDP enabled us to organise workshops/conferences.
Admission of Students	•Publicity via print and electronic media. • Distributing handouts at the end of the academic year in local junior colleges. • Small peer group meetings in neighbouring areas. • Collecting data on students from junior colleges and encouraging them for admission in the institution.

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

E-governace area	Details
Planning and Development	•Integration of requirements of all departments • Developing LMS • Optimum utilization of learning resources. • Developing infrastructure keeping in view the modern education needs • Applying for NIRF and AISHE.
Administration	Faculty attendance is retrieved from a biometric machine, which is integrated to a computer where a complete report of staff members' attendance can be procured. Total leave availed and remaining leave is updated on a monthly basis. Under RUSA 2.0 project E-Campus management system was designed and developed for the institution.

Finance and Accounts	Employing MS-office, Excel and Tally Software and Comprehensive Financial Management System (CFMS)
Student Admission and Support	Students are continuously updated during admissions, regarding payment of fees, scholarships, and all related matters, through Whatsapp and e-mail. A web link has also been provided in the website of the college, for admissions and student support.
Examination	Marks awarded to students in internal examinations and mid semester examinations are maintained in Google sheets and uploaded to the web portal of the affiliating university for further consolidation. End semester examination applications, examination fee, downloading of hall tickets, results and mark sheets are done from the website of the affiliating university. All the results are downloaded and maintained in Google sheets for ready reference

6.3 – Faculty Empowerment Strategies

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

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2019	Dr.S.Srinivasa Rao	Training program on Digital classroom with integrated LMS	Nill	2500
2019	Mr.M.S.Naidu	Training program on Digital classroom with integrated LMS	Nill	2500
2019	Dr.N.Ramakrishna	Training program on Digital classroom with integrated LMS	Nill	2500
2019	Dr.S.Srinivasa Rao	Training on green channel PD accounts under CFMS	Nill	2500
2020	Mr.Santhosh Kumar	RUSA - E-Campus management system hands on	Nill	1000

		training		
2020	Dr.S.Srinivasa Rao	RUSA - E-Campus management system hands on training	Nil	1000
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6.3.2 – Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2019	Workshop on making use of Digital and Virtual class room	Nil	18/05/2019	18/05/2019	62	2
2019	Nil	Awareness programs on submission of required students data on government scholarship web portal and affiliating university web portal .	13/07/2019	13/07/2019	Nil	12
2019	Nil	Training on ICT	04/08/2019	01/09/2019	Nil	8
2019	Workshop on work ethics and code of conduct	Workshop on work ethics and code of conduct	14/12/2019	14/12/2019	48	24
2020	Workshop on 'Online Teaching Tools'.	Nil	09/04/2020	09/04/2020	60	Nil

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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
FDP on new knowledge in physics and energy materials advanced research techniques	1	06/07/2020	10/07/2020	6
FDP on Revised Accreditation Frame work of NAAC	2	27/05/2020	02/06/2020	6
Faculty Development program in Commerce	3	20/07/2020	24/07/2020	6
Faculty Development Programme in LMS Video and Pedagogy	7	03/08/2020	07/08/2020	6
Refresher Course Human Rights	2	04/12/2019	17/12/2019	8
Refresher Course Research methodology for Sciences and Social Sciences	1	19/08/2019	01/09/2019	8
FDP on E-Commerce and Digital marketing	1	12/06/2020	27/06/2020	6
FDP on Enhanced online library services	1	12/05/2020	18/05/2020	6
FDP on Mathematics	3	13/07/2020	17/07/2020	6
FDP in Zoology	1	06/07/2020	10/07/2020	6
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching	Non-teaching

Permanent	Full Time	Permanent	Full Time
Nill	3	1	1

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
1. Staff Co-Operative Credit Society 2. GLIS	1. Staff Co-Operative Credit Society 2. GLIS	1. Social welfare government scholarships to SC, ST, OBC, Minorities and Differently abled students. 2. Concessional bus passes 3. Poor students fund from college. 4. Freeships by alumni. 5. Freeship to sports champions by college. 6. Periodical Health check up to students. 7. Scholarships to students under CSR initiative of HPCL, Wipro etc.. 8. Providing free textbooks to some socially and economically backward students with financial support from AASARA Charitable Trust and Alumni.

6.4 – Financial Management and Resource Mobilization

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

Internal auditing have been conducted by finance committee of the college quarterly and college auditor will do internal audit every year. External audit is being done every year by Commissioner of Collegiate Education , Government of A.P.

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
Talluri Suguna	1000000	To conduct seminars / work shops/ competitions on Women empowerment
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6.4.3 – Total corpus fund generated

4900207

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	Commissioner	Yes	IQAC

		Collegiate Education, Government of A.P		
Administrative	Yes	Commissioner Collegiate Education, Government of A.P	Yes	IQAC

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

1. Parents meet with newly joined students has been arranged org on 29.6.2019, Principal, HODs, anti-ragging committee members, womens cell members addressed and interacted with parents. 2. Parent - teacher meeting conducted on 14.10.2019 3. Parents of slow learners have been addressed in a meeting on 8.2.2020

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

1. Awareness programs on submission of required students data on government scholarship web portal and affiliating university web portal . 2. Training on ICT 3. Work shop on work ethics and code of conduct

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

1. Prepared Detailed Project Report and submitted to RUSA. 2. College granted RUSA funds under component 9 (infrastructure development). 3. Three new classrooms are under construction in VUDA block with financial support from IOCL, as part of it's CSR initiative. 4. Additional toilets for staff members and students are being constructed behind Raman Square with the help of CSR funds sanctioned by HPCL. 5. Maintenance work of the playground in the college has been undertaken with financial support from HPCL-CSR funds. 6. Efforts are being made to start a PG program in Chemistry. 7. Establishment of smart class rooms with RUSA funds has been initiated to enhance effective usage of ICT based teaching. 8. The Department of Mathematics has organized a two day national conference on 'Recent Advances in Mathematics and Mathematical Sciences' in collaboration with Uttarandhra Society for Mathematics Prof.S.Minakshi Sundaram Memorial Society. 9. Mr.KGowrinaidu, Lecturer in Telugu and P.A.B.Raju Lecturer in Commerce have been awarded Ph.D by Andhra University. 10. Help extended by the institution to state government authorities in an ODF survey carried out in 5 villages of the district. 11. Formal feedback mechanism is being maintained with all Stakeholders. 12. Organised National and International seminars/conferences 13. Awarded clean college award by Government of AP under Swachh Bharat program 14. Construction of toilet block by HPCL, as Swachh Bharat-CSR activity. 15. 10 faculty members recognised as research guides by Andhra University.

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b) Participation in NIRF	Yes
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
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2019	Workshop on making use of Digital and Virtual class room.	18/05/2019	18/05/2019	18/05/2019	64
2020	Workshop on 'Online Teaching Tools'.	09/04/2020	09/04/2020	09/04/2020	60
2020	Extended technical support and created awareness on engaging online classes to students during COVID- 19 lockdown period.	10/04/2020	10/04/2020	31/10/2020	962
2020	A certificate course on 'Group Theory' has been organized by IQAC Department of Mathematics from 16-7-2020 to 29-7-2020	16/07/2020	16/07/2020	29/07/2020	153
2020	Training to members of admission committee on online admissions module developed by government of AP	25/11/2020	25/11/2020	25/11/2020	18
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CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period from	Period To	Number of Participants
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			Female	Male
Power Walk	07/03/2020	07/03/2020	48	10
Workshop on women empowerment	19/02/2020	19/02/2020	78	22
"Beti Bachao Beti Padhao" Rally	23/11/2019	23/11/2019	40	52

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
<ul style="list-style-type: none"> The college has been established in a vast area. Almost every building in the premises is surrounded by trees NCC and NSS units play an active role in organising certain programmes to create environmental consciousness among the students. The college premises are kept clean and green by placing bamboo bins at every block. Saplings are planted by NSS volunteers on all important occasions, to keep the premises green. Two gardeners take care of the plants and trees in the premises The campus is plastic free - use of plastic is discouraged Measures taken for carbon neutrality - college has adequate space for parking vehicles. Except members of the faculty, all students and some of the teaching and non-teaching staff use public transport. No vehicle other than vehicles of staff members and VIPs, is allowed into the premises E-waste management - Unused electrical and electronic equipment is disposed off periodically, with the help of e-waste wing of Greater Visakhapatnam Municipal Corporation Napkin disposal machines are installed in Raman Square The runoff water from the terrace of the college building, from overhead tanks and waste water is diverted to gardens located in the premises. The college has a R.O water plant of 6000 liters / day capacity to cater to the drinking water needs of staff and students. There are 10 rain water harvesting pits.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	12
Ramp/Rails	Yes	12
Braille Software/facilities	Yes	8
Rest Rooms	Yes	12
Scribes for examination	Yes	68

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
2019	1	1	20/08/2019	4	Community out reach Programme	Nil	42

2019	Nill	1	13/12/2019	5	Swachh Bharat	Cleaning of prayer hall	54
2019	Nill	1	19/01/2020	5	Pulse polio awareness rally	Awareness	89
2019	Nill	1	23/11/2019	4	Jal Shakthi Yojana	Water conservation	50
2019	Nill	1	14/11/2020	3	Cleanliness and Hygiene	Unhygienic surroundings	54
2020	Nill	Nill	16/01/2020	4	Awareness program on adolescent issues	Child marriages and child trafficking	48
2019	Nill	1	13/08/2019	4	Rain water harvesting	water wastage	39
2020	1	Nill	17/02/2020	4	Food and Nutrition awareness program	Malnutrition	42
2019	Nill	1	07/12/2019	4	Plogging Run Rally	Littering	50

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

Title	Date of publication	Follow up(max 100 words)
Mrs.A.V.N.College Hand book	02/07/2019	Hand books which include human values and professional ethics, and code of conduct are distributed to all the stakeholders (Students, staff, parents, alumni)

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Anti Ragging and Anti Drug awareness programme	28/06/2019	28/06/2019	54
Drug abuse awareness programme	07/11/2019	07/11/2019	128
Heritage walk on the eve of Mahatham	30/01/2020	30/01/2020	145

Gandhi Death Anniversary			
Constitution day	26/11/2019	26/11/2019	98
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7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

- Bamboo bins are placed on the campus instead of plastic bins
- Every Friday we observe vehicle free day
- Paper, instead of plastic tea cups being used in the college cafeteria.
- Planting and nurturing plants in the campus.
- LED bulbs being used instead of incandescent bulbs.
- Waste water from RO plant being used to water plants in Dr.Sonti Ramesh garden in chemistry department.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Counselling Grievance Redressal: Women's cell / Women's Association was formed to give moral support to the girls and women staff in solving their problems. The campus is ragging free. Women's cell encourages the girls to express their problems freely without any fear. Free Coaching for Competitive Exams: Free coaching has been imparted to 276 students during the year 2019-2020, to appear for competitive exams , PG Entrance Exams, SSC, IBPS, RRB APPSC, with the support of SDC. Alumni for Institution Development: The involvement of alumni in providing financial assistance to their alma mater is very important for the maintenance and development of an institution. In the academic year 2019-2020, 65 students were benefited by their generosity. Pollution Free Campus: Plenty of trees are grown on the campus to create a healthy atmosphere. Purified water is supplied to all the blocks. Lights and fans are turned off when not required. Every Friday is observed as a vehicle free day. Nurturing Plants: Two gardeners oversee the nurturing of trees and plants in the campus by watering them regularly and periodically providing natural fertilizers. Concern for the Destitute: The management, staff and other stakeholders are magnanimous and are giving a helping hand to their EWS students and students of previous batches in extending monetary benefit, career guidance and employment facilities. Student Feedback: Student feedback system has been practiced since a long time to grade and analyse the teachers' performance, an essential element in quality assurance. In addition feedback is taken from students regarding administration and facilities provided in the college. Facilities extended to differently abled students: Classrooms for differently-abled students are arranged in the ground floor. Ramps are provided, and Braille books are available in the library of the college. At the time of examination, scribes are being arranged. HPCL was kind enough to arrange scholarships exclusively for differently abled students of the institution. Guest Lectures and field trips: Guest lectures by retired faculty members of the institution, lecturers from other colleges and members from Andhra University are being arranged every year. Final year students from life science stream are being taken on field trips to shrimp hatchery, shrimp farm, shrimp processing plant, and plant nursery, every year. Students from Arts and Humanities were taken to sites of historical and archaeological importance in the city. Students with mathematics as one of the optional subjects, have been taken to BSNL exchange, 'Kursura' submarine museum and Cyclone Warning Centre in Visakhapatnam to better understand the basic principles processing and technology involved. Students with statistics combinations were taken to the National Sample Survey office at Visakhapatnam, to create awareness on job opportunities and understanding applications of Statistics. Industry- Institution interaction : The institution associates with industries such as 'Nekkanti Seafoods', 'Rajkamal Hatcheries', PenmatsaSyamala Aqua Farms', 'ADEPTUDE' IT firm, 'Clavita Pharma' in the areas of field visits, skill development and employability. Awareness Programs: i) Women's Cell

Women's Association of the institution, have organized an awareness programme on 'Self Protection' for the benefit of girls and women staff members of the college (ii) NCC and NSS units of the institution have organized awareness programmes on 'Swachh Bharat', 'BetiBachaoBetiPadhao', tree plantation, 'FIT India', 'Hand Wash Day', water conservation, Yoga, drug abuse, rain water harvesting, blood donation, environmental protection, pulse polio, Voter's day and food and nutrition. The NSS and NCC units of the college organize various awareness programs on blood donation, HIV, Swachh Bharat and similar other programmes. Affordable training for employability: Placement Cell and 'Jawahar Knowledge Centre' of the college provides training on soft skills, communication skills and employability skills to students and ensures their participation in on-campus and off-campus job fairs.

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

<http://avncollege.ac.in/igac-naac.php>

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

The most distinctive attribute of Mrs.A.V.N.College is that the institution is student-centered. 'Student first' is one of the core values of the college. The founder of the institution has developed a strong institutional culture, which is being practiced since the inception of the college. The aim of the founder is to provide quality education to students from deprived sections of the society. The fee structure of the college is fixed keeping the socio-economic status of the said students in view, and till date, the institution is being run on a non-profitable basis. By virtue of the benevolence of the founder, 156 endowment prizes have been constituted in the name of several alumni and retired teachers. The endowment prizes are given away each year to meritorious students from different programmes. In addition, students are provided the application forms for CSR (HPCL and Wipro Cares-Santoor) scholarships and sent to the respective companies on behalf of the institution, enclosing a covering letter recommending the students. 40 students are receiving scholarships and 22 students freeships form distinguished alumni of the college. The institution has been giving the same priority to curricular, co-curricular and extracurricular activities. Sports and games, NCC and NSS are offered by the institution. There are a total of four NCC units, including army and navy wings for boys as well as girls. The college has 16 national and international players in boxing, kickboxing, target ball, handball, football, net ball, and athletics to it's credit. Similarly, there is a group of students participating in cultural events at university level. In the wake of the emerging trends in modern education, and with a view to provide quality education to students, the institution has strived hard to fulfil the norms for RUSA funding. Digital and Virtual class room equipment has been installed in five of the existing class rooms, and upgraded to smart class rooms with RUSA funds for effective teaching and learning.

Provide the weblink of the institution

<http://avncollege.ac.in/>

8.Future Plans of Actions for Next Academic Year

- Effectively implement E-campus management system developed under RUSA 2.0 project.
- Organize a certificate course on MS-office to all UG students in first year.
- Encourage more students to register in SWAYAM / NPTEL/UDEMY/COURSERA.
- Encourage members of faculty to publish more research articles in UGC-CARE listed journals.
- Encourage young members of the faculty to improve their qualification

and register for Ph.D programme. • Organize more seminars /workshops / conferences. • Improve ICT facilities, and encourage staff to utilise them. • Focus on internship / project work, for skill development / enhancing learning experience for students. • Encourage members of the faculty to develop new LMS content. • Introduce new courses with the permission of APSCHE. • Impart Campus Recruitment Training (CRT) with collaboration of APSSDC and nodal JKC to students in the final year to get more placements. • Organize inter university sports meet. • Strengthen tie-up with industries for the benefit of students. • Mobilise CSR funds for further development of infrastructure. • Encourage teachers to apply for projects.