

A.V.C. COLLEGE (AUTONOMOUS)
MANNAMPANDAL – 609 305, MAYILADUTHURAI



IQAC - External Peer Team Report for the year 2018 – 2019

EXTERNAL PEER TEAM MEMBERS

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3. **Dr. N.K. Premavathi,**
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IQAC Co-ordinator,
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Date of Peer Team visit : 04.01.2021

Documents Audited :1. AQAR 2018-2019 and NIRF report
2. College Annual Report 2018-2019
3. Syllabus for all programmes offered by the college
4. Minutes of the Board of Studies meetings
5. Minutes and Proceedings of the Academic Council
6. Minutes of the Finance Committee meeting
7. Minutes of the Governing Body
8. Academic Calendar and Handbook
9. Library and IT facilities

Observations on the key indicators:

Criteria	Key Indicators	Observations
<p>1. Curricular Aspects</p>	<p>Curriculum Design and Development</p>	<p>Curriculum was modified according to local and global needs and as per the direction of Higher Education Department and UGC, NAAC suggestions. CBCS pattern is followed. Board of Study is conducted every year with prescribed composition of experts viz., Subject experts from other colleges and Universities, University Nominee, Alumni and Industrial experts.</p>
	<p>Academic Flexibility</p>	<p>With the available faculty strength the horizontal flexibility has been given for selected courses. For EDC courses students are given opportunity to choose the course for their own choice. In some of the departments, the allied courses are also given based on the student's interest. In addition the students are given certificate courses, Skill training, Placement training etc.,</p>
	<p>Curriculum Enrichment</p>	<p>Curriculum was improved with job oriented and skill based courses. It is also strong enough with mandatory Core courses. Interdisciplinary papers, Non-major elective papers, Environmental studies, Gender studies, Human values and ethics and soft skills for all UG courses. The model curriculum of UGC and syllabi of UGC NET/SET, CSIR and Civil services, Competitive examinations are referred for the preparation of course scheme and syllabus for PG courses. Compulsory project work is included in the syllabus of PG programmes' courses.</p>

	Feedback System	Feedbacks were obtained from students, parents, external subject experts, alumni and employer.
2. Teaching-Learning and Evaluation	Student Enrolment and Profile	Admission is carried out as per Government of Tamilnadu Reservation Policy. Students from different categories are given equal opportunity. The students were admitted through single window system, where the applicants can opt multiple disciplines in a single application and open counseling are being conducted. The applicants are being admitted following the Guidelines of Government of Tamilnadu. The first counselling is conducted for special category applicants under Differently-abled, sports person, NCC and Ex-service man quota.
	Catering to Student Diversity	Students from across various social spheres and also from urban and rural areas. Majority of the students are from economically deprived and first generation graduates. More than 50% of the students are girls. Students with differently abled are admitted in all the programmes and the facilities are provided.
	Teaching-Learning Process	ICT tools and resources are used for the teaching learning processes. Some of the most common teaching aids used are Video lectures, Video conferencing, Field study, Industrial visits, Use of LCD, OHP, CD's, Language lab etc., The library is kept open from 8.00 am to 6.00 pm with spacious reading rooms, internet facility and digital library with e-Books. Separate reading sections for competitive examination, journals and periodicals are available.

	Teacher Profile and Quality	The Institution has qualified and dedicated teachers. In addition, research centres with potential research supervisors are available. Faculty members of various departments regularly publish papers, books etc., and present papers during conferences/ seminars/ symposia and act as resource persons in different academic platforms.
	Evaluation Process and Reforms	Semester system is followed which is effective, well ordered educational system with built-in internal Assessment as an integral part. All the question papers are being set and valued by the competent external examiners chosen from other institutions and Universities. There is only one valuation for UG programmes. Double valuation is followed for PG programmes, i.e., the first valuation by an internal examiner and the second valuation by an external examiner. If the mark difference between the first and second valuation exceeds a prescribed limit, the paper is referred for third valuation by an external examiner. Students can apply for Retotaling, and Revaluation of answer paper. Viva-voce examinations are being conducted for dissertations submitted by the PG students. Results are published within 30 days after the examination. A separate Examination wing is functioning as per UGC guidelines.
	Student Performance and Learning Outcomes	Pass percentage is at an average of 90% in PG programmes and 79% in UG programmes. A greater part of the students opt for higher studies. Students are placed through campus interviews and also off-campus interviews.

	Student satisfaction Survey	Yes conducted. Majority of the students feel that their satisfactions on different aspects are highly satisfactory. The data are analyzed and the results are given in the college web page.
3. Research, Innovations and Extension	Promotion of Research and Facilities	Research Programmes M.Phil. (8 Depts) and Ph.D. (9 Depts) are offered. Research supervisors with rich expertise in diversified fields of research are available in the College. College is equipped with adequate infrastructure facilities such as laboratories, libraries, computing facility to promote research. Dedicated Research and Development Cell is functioning to promote research and motivate scholars. Meetings on Research methodology, Publications procedure, Ethical aspects of Publications and Research etc., are conducted regularly. Periodical Publication of College Level Private Circulated Journal Mayur' to bring the scientific contributions by staff, scholars and students
	Resource Mobilization for Research	Teachers and students are regularly obtaining research grants from different funding agencies. College has been awarded College with Potential for Excellence - Phase II which enhanced the research facilities by establishing central instrumentation laboratory. Funding is available from DST, and TNSCST for research projects. A consultancy project is obtained from IUCN. In addition more than 50 linkages are used for promoting research activities.
	Innovation Ecosystem	Several academic activities are organized in association with external experts and industry for skill development, understand

		<p>the recent developments, placements etc.,</p> <p>Also teachers extended their expertise to different organizations and institutions in various aspects. The MOUs are signed and linkages are created for enhancing research activities.</p>
	<p>Research Publications and Awards</p>	<p>Faculty members, scholars and students publish research articles regularly. A total of 46 publications were made during the report period. The college has obtained impact factor of 20 during this year. The college has 14 citations with 6 institutional 'h' index. Staff members received international and national research awards. Also acted as reviewer for high impact factor international journals.</p>
	<p>Consultancy</p>	<p>Consultancy project on "Developing Conservation Strategies For Rare Endangered And Threatened Species Of Sahyadri Tiger Reserve Northern Western Guards, Maharashtra" is given by IUCN. In addition, staff members from different departments extended their expertise as honorary service for various activities such as wild animal census, Lab to land programmes, awareness video creation etc.,</p>
	<p>Extension Activities</p>	<p>More than 60 extension activities were undertaken by NCC, NSS, YRC, RRC, PEAKAK, Rotary, Leo club, Students EXNORA, Junior JC and Department Clubs.</p>
	<p>Collaboration</p>	<p>Totally more than 40 different activities were conducted in collaboration with different institutions and organizations. Department of Tamil collaborated with AAR International Research Forum, Vinthan Memorial</p>

		<p>Foundation and Department of Folklore, Tamil University, Thanjavur for conducting conferences, seminars. Department of History in collaboration with Tamil University to conduct Excavation in nangur. The PG students of Department of Chemistry collaborated with Oil and Natural Gas Corporation, Karaikal Division, CPCL, Nagapattinam, Asian paints, Cuddalore, MRK Cooperative Sugars, Sethiyathoppu and ABS Water tech India Private Limited, Chennai for their projects. Department of Computer Science collaborated with Bellatrix global solutions, Chennai, Fantasy Solution, tiruchirapalli, Fliptronics Engineered Solutions, Mayiladuthurai, iCon Solutions, Tiruchirapalli, idreams Infotech, Chennai, Invictus Technology Solutions Private Limited, Chennai, Rnd Research and Development, Tiruchirapalli, Stellar Technology Solutions, Chennai, Thanjavur Sarvodaya sangh, Kumbakonam Department of Zoology and Wildlife Biology students collaborated with WWF, Erode division, MCBT Chennai, Wildlife Crime Control Bureau, Madhya Pradesh a, ATREE for their internships. Department of Electronic Science collaborated with Teslar Zone, Puducherry, Sparktronics, Tiruchirapalli. Department of Visual Communication interacted with Super Good Studio. The college has MOU with Tamil University,</p>
<p>4. Infrastructure and Learning Resources</p>	<p>Physical Facilities</p>	<p>There are enough Class rooms, Laboratories, Seminar halls, Auditorium, Hostel, Playground, CCTV surveillance and other</p>

		<p>support services like Canteen, Gymnasium, Health Centre, Ambulance service, Transport facilities, Helipad, Guest house, NCC firing range and obstacle courses, Gardens and Rest rooms. Ramp facility and rest rooms for physically challenged students are available.</p> <p>92 spacious classrooms, 19 well equipped laboratories, 5 computer labs, 27 ICT enabled smart classrooms.</p> <ul style="list-style-type: none"> • Library with 95,480 books enabled with INFLIBNET, DELNET, and Nlist. • Velautham Auditorium with 250 seating capacity and 150 capacity airconditioned Seminar Hall with ICT facility. • PEKAK multipurpose hall with 2500 seating capacity with 1000 capacity gallery. • Health centre with 7 × 24 ambulance facility. • Two play grounds with sports amenities for games and athletics. • Fine Arts association trains and promotes cultural activities. • Facilities for differently abled students along with academic supports. • Psychology counseling cell. • Student's cooperative store with reprographic facility. • Separate hostels for boys and girls. • 16station Gymnasium. • 32 buses with subsidized fares to reach remote areas. • 26 surveillance cameras. • Waiting and dining hall facility with adequate natural ventilation and fan facilities. • Public Addressing System. • Subsidized canteen. • Two helipads are maintained. • High Tension 500 KVA power supply with OLTC Transformer and totally 785KVA generator facility for uninterrupted power supply. • Availability of Botanical Garden, Herbarium,
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		Experimental plots, Plantation area, Zoo museum, History museum, Extension unit. • Sophisticated guest house. • Video conference facility, Diagnostic centre and Soil testing laboratory.
	Library as a Learning Resource	State Art of library with around 95,480 books and journals is kept open from 8.00 am to 6.00 pm. More than 100 Journals/Periodicals are subscribed. Spacious reading rooms and stock rooms are available. Separate reading spaces for journals, periodicals and competitive examination. Has internet lab and digital library for accessibility. Automated using AUTOLIB software. Reprographic facilities with nominal charge, Coin phone boxes and Rest rooms are available
	IT Infrastructure	All the departments have enough Computers, Printers and LCD projector with internet facility and wifi connection. Dedicated internet line with 120 mpbs, sonic firewall is used. Wifi facility with surveillance monitoring is available.
	Maintenance of Campus Infrastructure	Done by funds from the Management, State and Central Government funding.
5. Student Support and Progression	Student Support	All the students below poverty line are supported with Government Scholarships. Endowments awards and prizes are given. Students are given training through placement cell and the departments for job opportunities and higher studies. Further, skill development courses, certificate courses and trainings are given for the capacity building. Earn while learn scheme is implemented for students welfare. .

	Student Progression	447 students progressed for higher studies and 337 students were placed during this report period.
	Student Participation and Activities	Students' participation in Sports, Fine Arts, NSS and NCC activities are appreciable by participating and winning awards in international, national, state, university level events. Student Union is functioning well with student representatives. Students are taken to conferences for paper presentation, workshops for acquiring skills, seminars for updating knowledge, Field trips and Industrial trainings for experiential learning. Participate various extension activities of different service organizations and in which blood donation by the students is highly commendable.
	Alumni Engagement	More than 20 different activities were conducted by Alumni. Alumni extend talk, lectures, interactive sessions and training to the students. Also extend service to arrange placement trainings and campus interview.
6. Governance, Leadership and Management	Institutional Vision and Leadership	Institution implements Decentralization and Participative Management. The successful outcomes of the institution are achieved through combined efforts of all individuals who work towards attaining the vision and mission of the institution. The institution aims for women empowerment, poverty alleviation, improving the quality of life of downtrodden society of the community which is achieved through different level of management.

	Strategy Development and Deployment	Academic and Administration audit is conducted with internal audit committee members to improve quality of the academic activities. External financial audit by Account General Audit and Director of Collegiate Education audit are done every year.
	Faculty Empowerment Strategies	There are various committees headed by Principal with Co-ordinator and members for different activities of College. Faculties are allowed with leave on duty to attend Orientation course/Refresher course/ Seminar Foreign Visits / workshop/ conference/ refresher courses. In addition to that they are also allowed to do part time Ph.D. / M.Phil. / other courses or programmes.
	Financial Management and Resource Mobilization	Funds are received from State, Central Governments, Management, Trusts, etc., are spent with committees. Both internal and external auditing are conducted for all the accounts.
	Internal Quality Assurance System	IQAC is constituted as per UGC and NAAC guidelines. IQAC plays a vital role in planning and implementation of quality enhancement strategies. IQAC take steps to improve the quality measures in all aspects.
7. Institutional Values and Best Practices	Institutional Values and Social Responsibilities	The Institution is dedicated for upliftment and empowerment of economically weaker society, rural women and downtrodden people belonging to low socio economic background. More than 95% of students studying are from families below poverty line. Institution effectively enhance the

		availability of Government scholarships, management funds, endowment funds to support needy students including physically challenged and outstanding sports students.
	Best Practices	Tutorial ward system; Solid Waste Management; Internship; Entrepreneurship Development, extending helping hands during festival seasons and disaster situation like Gaja cyclone, Awareness activities for the society, Tree plantation, Blood donation are few best practices.
	Institutional Distinctiveness	65 years old rurally located college provides excellent facilities to educate around 60 first generation graduates, empower 55 of women, and uplift 70 of socially backward students which ultimately enhance the quality of life of people. Excellent infrastructure, Aesthetically landscaped green campus in 54 acres with gardens and greenery. Provide Optional add-on certificate courses 'Yoga', BPO and TallyERP9. Extend remedial coaching for slow learners and bridge and orientation courses for fresher for creating awareness. Six NSS units, One NCC Unit and 13 units of PEKAK extension activity for provide community services in more than 13 rural villages. Students participation in different Intercollegiate/Zonal/State/National/International competitions by Fine Arts, Sports, etc. Soft skill Development Activities, Student Seminars, Study Tours, Projects and Internship

		<p>Programmes, Guest lectures, soft-skill programmes, Mock interviews, and hands on training programmes life coping skills. Target CE gives training for Competitive Examinations. Placement Cell to enhance placement opportunities. Skills imparted to emerge as Independent Thinkers Entrepreneurs. Equal Opportunity Center serving the underprivileged and women empowerment initiatives. Student Magazines viz., GLOBUS, VISCOM Times, PEKAK Plumes, and Senganthal - enhance creative and literary talents. More than 30 years old "Ilanthoothu" a magazine by students for community to identify, nourish and enhance talents of the student community. College magazine "PEKAK" to motivate students to bring out their talents in writing and artistic skills. College journal 'Mayur' to bring scientific contributions by staff, scholars and students. Department Clubs viz., Wildlife Science Forum, Newton Bonds, Thennai, Dr. Johnson Reading Forum give opportunities for students to nourish and enhance their talents, creativity and individuality</p>
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Suggestions:

1. The IT infrastructure needs to be enhanced for conducting online classes and virtual classes for different courses.
2. Analysis for curriculum could be done using appropriate methods.
3. The value added courses may be increased in each department to provide wide knowledge to the students and to sharpen the expertise of the faculty members.
4. Orientation need to be given to the faculty members to obtain external grants for research and other academic activities.
5. E-governance could be implemented in the possible areas.
6. Homemade programmes may be developed for online record creation and maintenance.
7. MOU may be increased to extend the academic interactions with different institution and organizations.
8. Feedback system has to be converted in to online and analyses are to be done for policy implementation.
9. Consultancy services are to be enhanced.

Sl.No	Name of the External Peer Team Members	Designation	Signature
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