NIM2VmYjJmZjU10DAwZWZhMjVIMmYyMTNmMWM5YWM3ZDY2ZjE0NWU2MzQxYzBiYTM1MilsInRhZyI6liJ9)



	THE AMERICAN COLLEGE
1.Name & Address of the nstitution:	(AUTONOMOUS) Madurai Tamil Nadu 625002
2.Year of Establishment	1881
3.Current Academic Activities at the Institution(Numbers):	
Faculties/Schools:	5
Departments/Centres:	37
<ul> <li>Programmes/Course offered:</li> </ul>	95
• Permanent Faculty Members:	353
Permanent Support Staff:	170
Students:	10343
<ul><li>4.Three major features in the institutional Context</li><li>(As perceived by the Peer Team):</li></ul>	<ol> <li>The college caters to the needs of rural and urban students being located in a semi urban locality.</li> <li>It has an extended campus in the rural area catering to students from the rural community.</li> <li>College has a recognized study centre called scilet in English Literature and a centre on Applied Science.</li> </ol>
5.Dates of visit of the Peer Team (A detailed visit schedule may be included as Annexure):	Visit Date From : 05-04-2022 Visit Date To : 06-04-2022
6.Composition of Peer Team which undertook the on site visit:	

Chairman:	Rajan Welukar
Member Co - ordinator:	Biswajit Das
Member:	Narayan Prakash Maheshwari
NAAC Co - ordinator:	Dr. Jagannath Patil

### Section II:CRITERION WISE ANALYSIS

Observations (Strengths and/or Weaknesses) on each qualitative metrices of the key Indicator under the

*respective criterion*(This will be a qualitative analysis of descriptive nature aimed at critical analysis presenting strength and weakness of HEI under each criteria)

(Ke	Criterion1 - Curricular Aspects (Indicator and Qualitative Metrices(QIM) in Criterion1)
1.1	Curriculum Design and Development
1.1.1 QIM	Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which is reflected in Programme outcomes (POs), Programme Specific Outcomes(PSOs) and Course Outcomes(COs) of the Programmes offered by the Institution.
1.2	Academic Flexibility
1.3	Curriculum Enrichment
1.3.1 QIM	Institution integrates crosscutting issues relevant to Professional Ethics ,Gender, Human Values ,Environment and Sustainability into the Curriculum
1.4	Feedback System

The college was established in 1881 by the missionary effort to serve socioeconomically deprived section in society. The college follows a systematic method and procedures to involve various stakeholders and committee to design curriculum in order to achieve academic excellence and professional competence of the students. The college has adopted Outcome-based-curriculum under OBE, Skill-based and career-based courses enhancing employability and entrepreneurship skills of the students. It is advisable to develop a measure to assess impact. College defined learning objectives including PO's, PSO's and CO's for all the programme.

The college ensures a holistic education reflecting the institution's vision of academic excellence and social relevance. It encourages value education as part of the curricula so as to sensitise the students to various social issues and Environmental studies highlight the importance of environmental conservation and sustainable development. The Language courses in the college impart communication skills in global languages such as English and French. The college initiates computer and soft skills training to equip the students with employability acumen offered to the students both at the undergraduate and postgraduate level.

The college is having an extension activity programme SLP (Service learning programme). The extension activity serves the local community through the various awareness camps and literacy programmes. The holistic development of students is made possible by the wide range of courses offered with the vibrant choice based credit system offered in the college to allow the students to have an orientation in interdisplinary and multidisciplinary education. The outcome of the education and training are well reflected by the output of the students clearing examinations such as GATE, CSIR-UGC/NET. The feedback system is extremely efficient and helps in curricular revision. The college follows a systematic procedure to obtain feedbacks from different stakeholders such as students, parents, employers and alumni. Besides, external academic audits are conducted twice every year and the performance of the departments is monitored by IQAC.

(Kej	<i>Criterion2 - Teaching-learning and Evaluation</i> / Indicator and Qualitative Metrices(QIM) in Criterion2)
2.1	Student Enrollment and Profile
2.2	Catering to Student Diversity
2.2.1 QIM	The institution assesses the learning levels of the students and organises special Programmes for advanced learners and slow learners
2.3	Teaching- Learning Process
2.3.1 QIM	Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences
2.3.2 QIM	Teachers use ICT enabled tools including online resources for effective teaching and learning process.
2.3.4 QIM	Preparation and adherence of Academic Calendar and Teaching plans by the institution
2.4	Teacher Profile and Quality
2.5	Evaluation Process and Reforms
2.5.3 QIM	IT integration and reforms in the examination procedures and processes including Continuous Internal Assessment (CIA) have brought in considerable improvement in Examination Management System (EMS) of the Institution
2.6	Student Performance and Learning Outcomes
2.6.1 QIM	Programme and course outcomes for all Programmes offered by the institution are stated and displayed on website and communicated to teachers and students.
2.6.2 QIM	Attainment of programme outcomes and course outcomes are evaluated by the institution.
2.7	Student Satisfaction Survey

The college has evolved its mechanism to spot out types of learners such as Advanced learners, Average Learners and Slow learners. Teachers and mentors make a close observation of students' learning styles and progression after their admission process. The teachers evolve different strategies of learning for different type of learners. The slow learners have to undergo compensatory teaching, Remedial teaching, developing self-learning materials(SLM) and additional learning opportunities through online sources like Youtube, Whatsapp, etc.

The classes have ample student talk time and not just merely composed of monotonus teacher talk time. Class room interaction of the students include but not restricted to group discussions, seminars, debates, out doors sessions and roll plays. Workshops, seminars, conferences, invited lectuers, interaction with experts, meet the author programmes are regularly arranged by the department. The science stream offer studnets invidual projects at post graduate level and group projects at under graduate level which include current research problems. Field visit, industrial visit, study tour, interships and case studies are other methods used. The college has a unique structure in its curriculam in which all the undergraduate students has service learning has part of their learning process.

The Academic calendar is housed exclusively with a slot of Field Trip Holidays spanning for a period of four days mentioned for the purpose of carrying out visits to industries and relevant fields. Industrial visits enhance the students' views and ideas about the future work environment and requirements of the industries. Department functions, cultural activities and other programmes are held either on non-working days, or after class hours, to keep the class hours free from any kind of interference. Timetable committee, headed by the Head of respective departments, allots courses for their faculty members well ahead in the beginning of a semester, and sends individual timetable to the faculty members, after being approved and signed by the Head of the Department. Each faculty will have his/her timetable online, and attendances of the students are also marked in the college website for every hour of teaching. At the end of an academic year, the completed teaching plan marked in excel sheet format is emailed to the exclusive institutional email id created every year for the purpose of receiving the Teaching Plan.

The College calendar contains rules and regulations governing examinations by which the faculty and students are furnished with the evaluation pattern and evaluation procedure. IT integration is made on the Examination Procedures which ensures transparency and effective management of examination system. A. Examination process have been made online including enrolment, fee-payment, issuance of hall- tickets. Computerised valuation is being made by the introduction of MCQs in Section A which are done in OMR sheet. The Exam Schedule for both CIA and EOS is published online by the office of the Controller of Examinations. Question paper bank creation is mandatory.

The COs for each course of UG/PG/Research Programmes are duly drafted in the BOS meeting. They are given approval by the academic council, and ratified by the Governing body. They are clearly stated in the syllabus of each course. The course outcomes broadly demonstrate and improve the academic competency, social relevance, skill sets for sustainable growth, employability skills, and value-based education. The COs play the significant role by connecting the socio- economic, environmental, and human resource development of the Society. In order to increase the proficiency, The COs are developed for the students in Language, Arts, Science and Management studies.

The COs are formulated to facilitate the employability of students in Science, Finance, and Commerce sectors. COs expect the students to internalize and value of life and living and to explore their role in shaping and positioning themselves in the world of the 21st century. Faculty are oriented towards preparing PO's , PSO's and CO's.

Course outcome is measured in terms of actual percentage of students getting set (target) percentage of marks. If targets are achieved, then all the course outcomes are attained for that year. If targets are not achieved, the Programme puts in place an action plan to attain the target in subsequent years. The attainment levels are set considering average performance levels in all examinations throughout the semester or the full academic year.

(Kej	<i>Criterion3 - Research, Innovations and Extension</i> <i>Indicator and Qualitative Metrices(QIM) in Criterion3)</i>
3.1	Promotion of Research and Facilities
3.1.1 QIM	The institution's Research facilities are frequently updated and there is a well defined policy for promotion of research which is uploaded on the institutional website and implemented
3.2	Resource Mobilization for Research
3.3	Innovation Ecosystem
3.3.1 QIM	Institution has created an eco system for innovations, creation and transfer of knowledge supported by dedicated centers for research, entrepreneurship, community orientation, Incubation etc.
3.4	Research Publications and Awards
3.5	Consultancy
3.6	Extension Activities
3.6.1 QIM	Extension activities are carried out in the neighbourhood community,-sensitising students to social issues, for their holistic development, and impact thereof during the last five years
3.7	Collaboration

The number of publications has increased substaially from 52 in 2015 to 174 in 2019. The faculty contribution to the publication of book chapters have increased from 19 to 65. 162 faculty members are having PHD degree. The college received eight National and International research grants and academic awards initiated by the faculty. The college has collaborated with many industries, research institutes, NGOs and other governmental agencies. The outcome and deliverables of collaborations need to be highlighted in the website. The College motivates faculty to carry out research work by offering incentives and awards. The Central Instrumentation Centre encourages multidisciplinary research. Daniel Poor Memorial Library and the study centre for Indian Literature in English and Translation (SCILET) play vital roles in accessing research work done globally. The college has created conducive atmosphere for projects, innovations and entrepreneurship on campus. The college has signed 60 MoUs with leading institutions at national and global levels which needs to be monitored yearly.

The college has a strong NSS and NCC unit. The NSS unit has been awarded the coveted President of India medal in 2016-17, NSS unit have helped constructing two blocks of class rooms in govt, higher secondary schools and construction of five rest rooms for women in adopted village with the cost of 14, 10 lakhs by way of donation. The college offers NCC as one of the course in the curriculum. The college is blessed with Army, Navy and Airwing units. It has received 81 awards. It is notable that students rendered services during the pandemic and helped the people of Madurai. It is noteworthy that Ms. Devadarshini, a student of B.sc physics was selected for All India guard of Honor in March to participate at the Cariappa ground, New Delhi. The college has a special Service learning programme at educating the hearts and minds of the students to inculcate the civic responsibility. It has subprojects such as solid waste management, Vaigai ecology, Village ecology- action on health, school extension programme and child support work in orphanages. In addition to this, the college has many initiatives through departmental associations, green club, women's forum, Rotract club, and Soroptimists international youth club. It has welfare activities for differently abled persons.

Criterion4 - Infrastructure and Learning Resources (Key Indicator and Qualitative Metrices(QIM) in Criterion4)

4.1	Physical Facilities
4.1.1 QIM	The Institution has adequate infrastructure and physical facilities for teaching- learning. viz., classrooms, laboratories, computing equipment etc.
4.1.2 QIM	The institution has adequate facilities for cultural activities, yoga, games and sports (indoor & outdoor); (gymnasium, yoga centre, auditorium, etc.,)
4.2	Library as a Learning Resource
4.2.1 QIM	Library is automated using Integrated Library Management System (ILMS)
4.3	IT Infrastructure
4.3.1 QIM	Institution has an IT policy covering wi-fi, cyber security, etc., and allocated budget for updating its IT facilities
4.4	Maintenance of Campus Infrastructure
4.4.2 QIM	There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.

The college has added buildings like Saunders, James-Miller, Herrick, Amphitheatre, William Tracy, Indoor stadium, Edward- Nolting multipurpose gymnasium, extension of ladies hostel and three-storey academic block Eva M Swift Hall and Telfer Mook Hall on satellite campus. The college has made all the classrooms with ICT facilities. There are additions of 43 smart-rooms with either LCD or Smart board, and 14 conference halls. The Main Hall is equipped with a video wall. During the assessment period, nine new well equipped laboratories have been established. The college has adequate academic infrastructure including Satellite campus. The college have excellent sports facilities such as Outdoor Hockey, Volleyball, Kabaddi, Football, Handball, Flood light Lawn tennis. In addition to Gymnasium and Yoga Hall, it has indoor Badminton and Basketball wooden court.

It is notworthy to mention that 65 studnets represented in Inter university tournaments from the university.

Daniel Poor Memorial Library (DPM) established in 1915 with the collection of 1.60 Lakh books, has been upgraded with the latest technology like RFID, IRINS, URKUND, INFLIBNET – NLIST and 1405 rare books have also been digitized. Integrated Library Management Software (ILMS) Koha was implemented in 2020. All department libraries are well equipped with updated resources. It is fully automated with the integration of KOHA, RFID Intelligent Shelf and E-Gate software's. The library activities such as User Entry, Books Issue and Return are carried out by the users with their College Identity Card, which is used as Library Card.

DPM library has 1.6 lakh books including a digital stock of 1404 rare books, palm leaf manuscripts and a very rare possession of Ancient Tamil Artillery and a Numismatic collection which dates back to the periods of Sangam Age and beyond.

Entire campus is connected by Wireless Fidelity with a speed of 200 Mbps on main campus and 60 Mbps on Satellite campus. The institution has more than 1196 computers for the use of students only. G-suite LMS is operative with unique official mail-id for all students and faculty. PSALMS, the recording studio, is the Audio-Visual centre with high speed internet facility and equipment for live-streaming.

Campus is maintained 'green' with landscape gardening, botanical garden, vermicompost units, solar panels, rainwater harvesting and biogas units. Eco-friendly pavement for an additional area of 1,35,000 Sq. ft is laid with paver blocks. All buildings are differently abled friendly with ramp facility, battery operated vehicles and wheel chairs. Administrative blocks, DPM Library and Seminar halls are provided with Genset facility. Exclusive Parking lots for men and women, user-friendly signboards, and 24x7 security services with 157 surveillance cameras are unique features of the college campus. The campus is well maintained.

(Kej	Criterion5 - Student Support and Progression / Indicator and Qualitative Metrices(QIM) in Criterion5)
5.1	Student Support
5.2	Student Progression
5.3	Student Participation and Activities
5.3.2 QIM	Presence of an active Student Council & representation of students on academic & administrative bodies/committees of the institution
5.4	Alumni Engagement
5.4.1 QIM	The Alumni Association / Chapters (registered and functional) contributes significantly to the development of the institution through financial and other support services.

Students play an active role in Board of studies, Department Associations, Hostel committee, Student Christian movement, NCC committee, NSS committee, SLP committee, Library Committee, Atheletic Committee, Anti-ragging Committee, Green Club, Book Club and Rotract Club etc.

Students Service Committee plans cultural events among which Genderspecific cultural events and unique events for the differently- abled are given priority. Students play an active role in all Administrative, and Academic Committees of the college like Academic Council, Boards of Studies, Hostel Committees, and Associations of various departments, Clubs, and related extension activities.

The Alumni Association of the American College was registered under the Societies Registration Act of XXI of 1860 on 01.04.1974 with the registration number 43. The alumni engage in providing employment, entrepreneurship training and also participate in decision-making processes. 'Plough Back Policy' of the alumni is evident through various academic fellowships instituted by them.

	riterion6 - Governance, Leadership and Management / Indicator and Qualitative Metrices(QIM) in Criterion6)
6.1	Institutional Vision and Leadership
6.1.1 QIM	The governance of the institution is reflective of an effective leadership in tune with the vision and mission of the Institution
6.1.2 QIM	The effective leadership is reflected in various institutional practices such as decentralization and participative management.
6.2	Strategy Development and Deployment
6.2.1 QIM	The institutional Strategic / Perspective plan is effectively deployed
6.2.2 QIM	The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment, service rules and procedures, etc.
6.3	Faculty Empowerment Strategies
6.3.1 QIM	The institution has effective welfare measures for teaching and non-teaching staff and avenues for career development/ progression
6.4	Financial Management and Resource Mobilization
6.4.1 QIM	Institution conducts internal and external financial audits regularly
6.4.3 QIM	Institutional strategies for mobilisation of funds and the optimal utilisation of resources
6.5	Internal Quality Assurance System

6.5.1 QIM	Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes visible in terms of – Incremental improvements made for the preceding five years with regard to quality (in case of first cycle)
	Incremental improvements made for the preceding five years with regard to quality and post accreditation quality initiatives (second and subsequent cycles)
	The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities
6.5.2 QIM	( For first cycle - Incremental improvements made for the preceding five years with regard to quality
	For second and subsequent cycles - Incremental improvements made for the preceding five years with regard to quality and post accreditation quality initiatives )

The governance structure of the college may be understood through the diversity it brings to the governing council, the highest body of the college. Out of total 14 members, five(5) are faculty members. Principal is the executive head of the institution and secretary of the governing council of the college.

The documents of various committee show that college practices fairly a decentralisation and participative management by involving deans, additional deans, head of the departments, faculty, students, Alumni at various levels of decision making. The college has almost 30 statutory and non-statutory committees where staff and students are members, providing insights to various decision-making processes. E governance is introduced in all aspects of administration. During Covid 19 pandemic period, the management has generously given full salary to its entire staff. Financial support is provided to 373 faculty members to attend

conferences and workshop. The Institution has conducted to 21 faculty development programmes, seminars, workshop, etc. Faculty members have undergone professional development.

The college is planning to create formal five-year perceptive plan.

The college has well represented governing council and other statuary bodies as per UGC regulation for autonomy. For recruitment it follows the existing applicable norms and rules for minority college.

Effectiveness of various bodies and committees is visible through minutes of meeting and implementation of their resolutions. Decision taken by various bodies and committees are followed and implemented by the college.

The institution is conscious of the wellbeing of teaching and nonteaching staff through various welfare measures such as annual retreat at 50% subsidise rates, retiring staff with gold ring, annual medical check-up, free transportation to visit satellite campus, annual festival advance etc..

College has performance appraisal and feedback system for teaching and non-teaching staff.

The finance of the institution is audited annually both by internal and external auditors.

Efforts taken towards mobilizing of funds resulted in an amount of Rs. 296 lakhs during the assessment period.

Multiple quality initiative programmes were organized by various departments under the banner of IQAC. IQAC has initiated various activities like the compilation of AQAR, NIRF, AAA and e-content development.

Internal Quality Assurance Cell has contributed for institutionalizing the quality assurance strategies and processes.

The college has implemented most of the suggestions given by the peer team by the earlier cycle.

## Criterion7 - Institutional Values and Best Practices (Key Indicator and Qualitative Metrices(QIM) in Criterion7)

7.1 Institutional Values and Social Responsibilities

7.1.1 QIM	Measures initiated by the Institution for the promotion of gender equity during the last five years.
7.1.3 QIM	<ul> <li>Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 500 words)</li> <li>Solid waste management</li> <li>Liquid waste management</li> <li>Biomedical waste management</li> <li>E-waste management</li> <li>Waste recycling system</li> <li>Hazardous chemicals and radioactive waste management</li> </ul>
7.1.8 QIM	Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 500 words).
7.1.9 QIM	Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens (within 500 words).
7.1.11 QIM	Institution celebrates / organizes national and international commemorative days, events and festivals (within 500 words).
7.2	Best Practices
7.2.1 QIM	Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.
7.3	Institutional Distinctiveness
7.3.1 QIM	Portray the performance of the Institution in one area distinctive to its priority and thrust within 1000 words

The college promotes gender equality even though it has not been able

to mobilise more participation of women students in various courses.

The college has created a separate wing "Centre for Women Studies" to sensitize the students on the role and importance of women at home, at work place and in nation building. Many departments have introduced various courses on gender issues such as Gender economics, Gender in Indian History, Philosophy of Gender studies, Human Rights, Gender in Society and Women's writing as part of curriculum. The campus is safe and secured for women.

As regard environmental awareness and conservation, the college has installed Solar photovoltaic panels with an average capacity of producing 200KVA energy for 6-8 hrs. Biogas is used for laboratory purposes in Zoology department. LED Bulbs are installed to reduce the energy consumption. Green Audit, Energy Audit and Environment Audit are periodically conducted by expert teams.

The solid waste management is done through vermicomposting unit. Rain water percolation tanks and bunds help to maintain good water table. Totally there are 18 borewells and college provides own treated RO water to all students and staffs.

The college harvested rain water and uses for plants.

The college is full of variety of trees and it bears botanical names. Green campus initiatives practised throughout to inculcate environmental responsibility among students. The college has introduced a mandatory course across all the department on environmental studies with the course to create awareness about the fragile environment and sustainable development.

Independence day, Republic day, Teachers day, Women's day are celebrated every year. National Voters Day, Science day, Sparrow day, Phi day, Darwin day, Ozone day, Earth day, Soil day, First-aid day are being observed at the respective departments. The college follows transparent practices in terms of administration finance and academics. The college is performing extremely well in sports, NCC and extension activities.

College has a set of well-defined codes of conduct, published in the college website and are printed in the college calendar, circulated to all students and staff.

The college encourages student's involvement in sports and games. It is commendable that the college admits more than 40 % students drawn from poor section of the society. The college provides scholarship including free boarding and tution fee to the sports students who excellence sports.

The college inculcate responsibilities towards environment. So as to bring them back to the nature from their android life style. By doing so the college has reduced carbon emission within the campus from using conventional energy.

The college ensures professional ethics by creating good quality human resource, responsible citizens, socialized individuals and creative personalities. The knowledge of professional ethics helps to work with commitment, dedication, sincerity, honesty and with integrity ultimately building up a strong nation.

Section III:OVERALL ANALYSIS (based on Institutional strengths.Weaknesses,Opportunities & Challenges(SWOC)(up to 500 words))

#### **Overall Analysis**

- 1. Autonomous College
- 2. Sprawling, beautiful and vibrant campus with ample green coverage.
- 3. Adequate land, buildings and technically advanced infrastructure.
- 4. Satellite campus to cater the academic desires of rural students with extension activities benefitting community at large and education to poor and underprivileged students.
- 5. DPM Library and SCILET facilitate research on par with global standards.

Section IV:Recommendations for Quality Enhancement of the Institution

(Please limit to ten major ones and use telegraphic language) (It is not necessary to indicate all the ten bullets)

- The college should use latest science of assessment and evaluation. Along with this they should create competency score card for every student so as to strengthen placement.
- The college should take advantage of having good library to launch courses in library science
- Women enrolment should be encouraged and college should create a strategy for that.
- The faculty needs to get funding from various funding agencies for major research projects.
- Teachers should be motivated and encouraged to create courses in MOOCs.
- The college should start online programmes/ courses to provide access to higher education
- Periodical training should be organised for the faculty in contemporary online and offline teaching –learning pedagogy.
- All the plants on the campus should have the QR code so that people will get the complete information about the plants.
- The curriculum should be developed using design thinking
- The college should create a strategy to implement NEP-2020 effectively.

I have gone through the observations of the Peer Team as mentioned in this report

Signature of the Head of the Institution Seal of the Institution

Signature o	of the Peer Team Membe	rs:	
SI.No	Name		Signature with date

1	Rajan Welukar	Chairperson	
2	Biswajit Das	Member Co-ordinator	
3	Narayan Prakash Maheshwari	Member	
4	Dr. Jagannath Patil	NAAC Co-ordinator	