CARDAMOM PLANTERS' ASSOCIATION COLLEGE

Pankajam Nagar

BODINAYAKANUR – 625 513

Theni District- Tamil Nadu

REACCREDITATION – SECOND CYCLE

SELF–STUDY REPORT

(2014 – 2015)

Submitted to

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

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CARDAMOM PLANTERS' ASSOCIATION COLLEGE
Pankajam Nagar, Bodinayakanur – 625 513
Theni Dist. Tamil Nadu

SELF–STUDY REPORT - 2015

STEERING COMMITEE	
Dr. M. Rajarajan.	Principal & Chairperson
Dr. C. Elango.	Coordinator - NAAC
Dr. S. Sivakumar.	Coordinator - IQAC
Dr. K. Krishnan.	Associate Coordinator - NAAC
Dr. R. Rajendran.	Member
Dr. V. Balasubramanian.	Member
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CONTENTS

PREFACE

The word Cardamom conjures up the magic of its flavor and when mixed with delicacies, it radiates an aroma which mesmerizes the very air it pervades. Cardamom Planters' Association College, true to its name, captivates the onlooker, housed as it is at the foothills of the Western Ghats Mountain Ranges on whose slopes the cardamom plants sway their empire and exudes the fragrance of academic culture. The Founders' vision in which profundity and pragmatism evenly share the honors is to address the basic need of offering education to the socially disadvantaged, the economically stinted and the educationally less privileged. The administration can draw a huge breath of deserved contentment as its dream has steadily been moving towards the summit of its consummation in as much the college enters the fifth decade of its academic mission, powered by unremitting commitment and unrelenting social consciousness.

Cardamom Planters' Association College, Bodinayakanur is geared up for the Second cycle of accreditation by the prestigious National Assessment and Accreditation Council, Bengaluru. With a humble beginning in the year 1974 with about hundred students and eleven teachers, C.P.A. College has now grown into a premier institution of higher education and research in this educationally backward area of Tamil Nadu. Ours is the only College in India exclusively run by the Planters. The journey of the institution for the last forty years has been an eventful one, crossing numerous barricades, smoothing its pathway and achieving enviable milestones. The visionary leadership of the management which is well supported by a dedicated team of qualified and experienced teachers enables the institution to provide an excellent academic platform to meet the challenges of modern education. The learning environment of the campus is very congenial and the class rooms are student-centric. The research orientation is duly augmented by updated infrastructure. All these make the students excel in various fields of their academic interest.

While imparting quality education at an affordable cost, the institution focuses on synchronizing tradition and modernity as well as blending values and ethics with strong global competence in the contemporary universal scenario. With forty years of impressive track record, we have the right balance of wisdom gained from experience and the confidence to take up the challenges. We have the will and courage to introspect in order to assess our strength and weakness and to choose the right path to continue our journey towards excellence.

The dimensions and quality of education keep on changing with time. Quality cannot be assessed by a single yard-stick. Rather, it can be monitored through the changes in national and global trends in teaching and learning. We wish to benchmark ourselves with institutions of high repute at the national level. We took earnest efforts to implement the suggestions given by NAAC Peer Team in their first accreditation report. The growth parameters with an ascending graph in student strength and progression, study streams and learning resources, infrastructural expansion and above all the attainment of academic autonomy are the evidences to the positive

strides the college has made during the last seven years since the accreditation by NAAC in 2006.

We, therefore, offer ourselves once again to this quality check to identify the key areas for further improvement, growth and development. We are pleased to submit the Self Study Report (SSR) as per the NAAC formats. This report is the outcome of the precious efforts of teachers and support staff who work together to achieve success. A sensible effort has been taken to involve a broader heterogeneous group of teachers including younger generation in the preparation of this SSR. This document is prepared with utmost sincerity and honesty to the best of our knowledge and belief. I am sure this wholesome exercise of incisive inspection by the esteemed Peer Group will enable the institution to scale new heights.

Thank you

Dr. M. Rajarajan

Principal

EXECUTIVE SUMMARY

Cardamom Planters' Association College is conscious of its avowed mission of rural social transformation through education in the neighborhood villages where a sizeable population struggles to earn its wherewithal from the ever declining agriculture income due to unpredictable monsoon. The youth who opt for higher education have a definite purpose of transforming their livelihood system through absorbing and adopting development - specific knowledge in the pedagogic process. Set against such a backdrop, this college has been sensitive to the changing signs of times to provide the best in the sphere of higher education so as to facilitate the process of development in the target region. The entire academic process is designed to fulfill the emerging needs of the contemporary social and economic reality. Besides, the institutional vision is well aligned with the core values proclaimed by the National Assessment and Accreditation Council (NAAC) i.e., contribution to national development, Fostering Global Competencies, Inclination of value system, promotion of the use of Information and Communication Technology (ICT) and Quest for Excellence in the academic and administrative performances. The essence of the incremental academic and administrative achievements during the current accreditation period is presented hereunder.

Quality consciousness has been the hallmark of the institution since its establishment in 1974. The college complies with the constructive recommendation of the peer team of earlier accreditation. In line with the above stated objective, the College consciously accomplished the recommendation of establishing a computer interfaced duplicating machine in the office of IQAC and Library. The Laboratories of Physics, Chemistry, Botany and Computer Science are expanded with sufficient equipment for promoting effective teaching learning process. Especially the Chemistry lab of our College boasts of the State of the Art facilities in Nano-Chemistry.

Based on the recommendations of the peer team, the college has provided in all the new buildings, constructed in the post accreditation period, ramp facility for easy transit of the differently - abled persons. Besides, University Grant Commission (UGC) supported English Language Laboratory (ELL) is established by the Department of English.

A new Library Building with conducive reading environment and net-cafe facility has come up.

The Postgraduate and Research Department of Commerce has been given extensive accommodation in the newly constructed Commerce Block. Additional facilities have been made available in the men's hostel and the additional building has been constructed to accommodate more women students.

To satisfy the growing demands of the students of this region, new job oriented courses have been started during this cycle of accreditation. B.A. (English), B.Sc.(IT), B.B.A., M.A (English), M.Sc. (Chemistry), M.Phil. (Mathematics), M.Phil. (Chemistry), M.Phil. (Computer Science), M.Phil. (English), Ph.D. (Chemistry) and Ph.D. (Mathematics) are perceived by the stake holders as job fetching courses in the coming years.

Besides, UGC supported innovative course M.Sc. (Industrial Chemistry) and Career Oriented Programmes (COP) like Certificate course in Medical Lab

Technology, Chem Informatics, Industrial Chemistry, Environmental Chemical Analysis, Human Rights Education, LATEX and Small Scale Enterprises are offered.

Acadamic Programmes

Total Number of Programmes — UG: Cycle I 10, Cycle II 12; PG: Cycle I 3, Cycle II 6; M.Phil.: Cycle I 1, Cycle II 5; Ph.D.: Cycle I 1, Cycle II 3

Criterion –I: Curricular Aspects

The college aims to make its students illumine the world and dispel the ignorance of darkness around them. The quest for excellence is highlighted in the vision and mission of the institution. This institution offers a wide range of programmes, which aims at forging leaders who are intellectually enlightened, morally upright, psychologically integrated, physically healthy and socially acceptable and who would champion the cause of truth, justice, non-violence, peace and love.

We aspire to create a society which respects human dignity and human rights and is free from caste and religious discrimination, free from corruption and violence. The Institution has always fostered a collaborative network with the parent University. Our teachers are actively involved in the official responsibilities of the University like being Chief Superintendent of the theory and practical examinations, Internal Examiners of the Practical Examinations and participating in the valuation of the University examination answer papers. The institution collects regular feedback from the faculty, students, alumni and academic experts for making and recommending to the University desirable and possible changes in the curriculum.

As the institution is an affiliated college of Madurai Kamaraj University, Madurai, there is limited scope for academic autonomy and flexibility. Nevertheless, we focus on providing our students with value education, technical skills, personality development and communication skill programmes. We offer Enrichment Courses in Folk arts, Photoshop, Mathematics for competitive examination, Tourism, Plantation management, Income tax Law and Practice, Carnatic music, Yoga, and Spoken English.

The teaching, practical and extension activities provided in the college aim to generate a work culture for optimum utilization of human resources. The college utilizes all the available resources for experimentation and innovation, which help in achieving and sustaining excellence in students' development. The institution takes feedback from students on the courses, on the teachers and on the curriculum at regular intervals. Every year, the college arranges an interactive meeting with the alumni and the alumni give valuable feedback in the annual alumni meeting organized by the college. During the meeting of Parent Teacher Association (PTA), the parents give suggestions and feedback regarding the academic activities. The institution has developed a questionnaire which is given to the students for collecting feedback on teaching and learning. The feedback collected from students, teachers and alumni is studied, reviewed and discussed by the management and appropriate measures are taken.

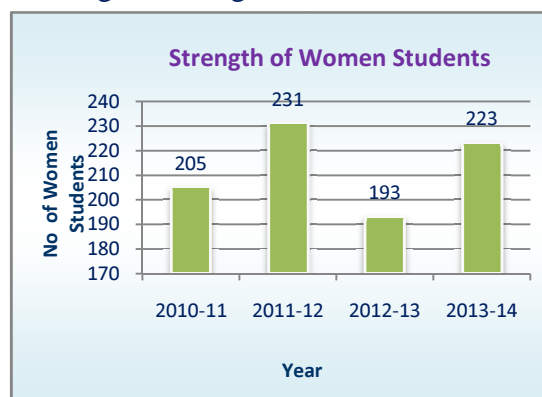## Criterion – II: Teaching – Learning and Evaluation

The admission process is transparent and well administered, complying with the norms of Tamil Nadu Government. Admission opportunity is given to all without any discrimination including gender disparity. The institution initiates innovative
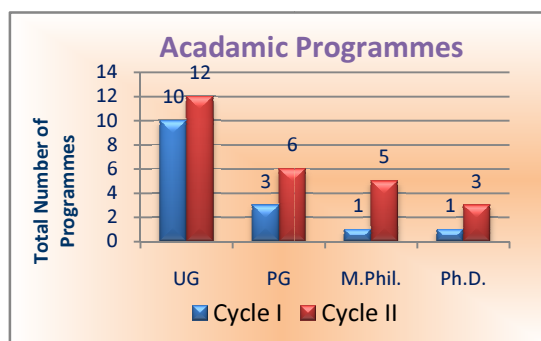
methods of teaching, learning and evaluation system to make learning a process of construction of knowledge. The institution envisages a shift from teacher centric to student centric learning. However, there is always scope for improvement in teaching and learning as success is only a journey and not a destination.

The institution organizes orientation programme for the freshers every year. The Department of English takes special efforts to help the freshers achieve a smooth transition from Tamil medium at the school level to English medium at the college level. ICT facility is extensively used for Teaching, Learning and Evaluation. All the Departments have Internet facility. The faculty members are constantly being recharged through training programmes both inside and outside the college. The library and laboratories are well equipped for enhanced Teaching and Learning.

The socially disadvantaged communities receive greater percentage of educational opportunities in the college.

Strength of Women Students

No of Women Students / Year

Year	No of Women Students
2010-11	205
2011-12	231
2012-13	193
2013-14	223

Opening the portals of the college for the women students has yielded positive impact on women education in a social environment where incidence of female infanticide is rampant. This heartening change is discernible from the increasing percentage of women students admitted during the past academic years.

A greater percentage of students who hail from the neighboring villages belong not only to socially disadvantaged communities but also to economically poor families. They mainly depend on the scholarship provisions of the government and the management. The information on annual family income of the students indicates the fact that majority of the students come from families whose annual family income is less than Rs.25000/-. In this context this college is spearheading its educational mission to uplift the poor and disadvantaged in the nearby villages.

It is a real challenge to educate the new learners whose knowledge level is so low that they are unable to cope with the new learning system in the college environment. Keeping this in mind, the faculty and the management devise ways and means to make them face academic life with courage and confidence. Departments conduct need based remedial programmes for specific subjects to help slow learners.

In addition to the common orientation programme, the College conducts Bridge Intensive Course. Every department has its own method of inducting and orienting the freshers. Comprising remedial programmes, personalized tutorials and mentoring for the slow learners and mini projects. Net surfing for the advanced learners caters to the diverse needs of the students. Taking the students to field visits and finding placement for them in industries/organizations add strength to the training components of the students.

In order to facilitate effective preparation for teaching-learning process, all the departments are provided with internet connection. The ICT enabled smart class rooms and two well equipped conference halls enrich learning experience. Learning has become student-centric through Multimedia Learning Materials (MLM), seminars, problem solving sessions, Power Point Presentations, Net based assignments, group discussion and group assignments, quizzes and mini projects.

The students are motivated to prepare their own power point presentation for seminars, net based assignments.

The well-designed student mentoring system gives the students necessary personal, academic and psycho-social guidance so that their learning becomes hassle - free and enriched. Their creativity and scientific temper are nurtured by the variety of activities like "Cardo-Comp' (Inter-departmental Cultural, Sports and Fine Arts Competitions), Departmental Co-curricular Activities, Awareness Campaigns, Science Exhibitions and Poster Presentations. Student projects and training in the industries provide the learners with opportunities for exercising their creativity.

As on 31st December, 2014 the faculty strength of the college was 104 (43 in the aided stream, 51 in the self-financed stream and 10 in the Management stream). Consistent up gradation of teacher quality is ensured by the academic system in the college which is shown below.

There is an increase in the percentage of faculty with doctoral degrees over at of the first cycle of accreditation in the aided stream. The effort at quality improvement among the faculty of self-financed stream has also gone up over the years.

The trend of faculty with mere minimum qualification during the first cycle of accreditation has significantly dwindled and the faculty with higher qualifications are on the increase. The above noted observation categorically implies the effort of the institution to provide the best quality education by enhancing the academic qualifications of the faculty.
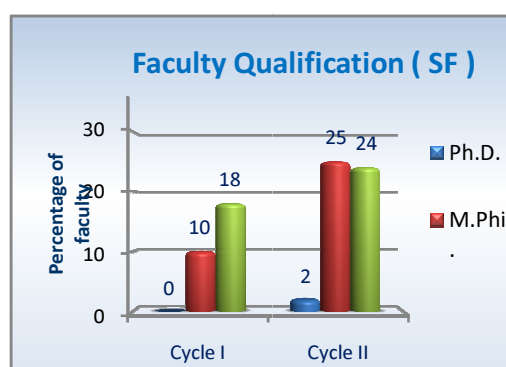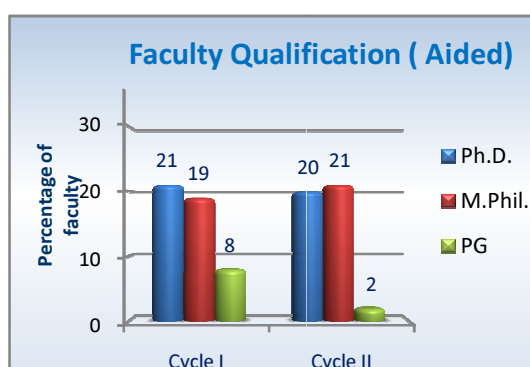
Even though the state government has not approved the filling up of all the vacancies in the grant-in-aid programmes, the management has recruited and filled in all the approved vacancies to impart quality and uninterrupted education to the students. Thus, the required teacher-student ratio is maintained for effective teaching learning process.

During the assessment period members of the staff have undergone 23 refresher courses and 7 orientation programmes for updating their knowledge.

The percentage of faculty who were invited to and served as resource persons for Seminars, Orientation Programmes and Refresher Courses has registered a quantum leap during the current cycle of accreditation indicating and improvement in the teacher quality. The participation of aided faculty in external workshops / seminars / conferences indicated significant increase. Faculty participation in the quality enhancement processes has yielded external recognition to the members. For instance, Dr. S. Maria John Associate Professor of Commerce was awarded 'Best Researcher" by Education Society, Bengaluru.

The IQAC has conducted the annual induction programme to the newly recruited staff members and organized periodical need based enrichment programmes on various academic themes like Academic Calendar, Academic Audit, Classroom Management, Classroom Communication, Teaching Aptitude and Student-centred

Instruction Methods, Question Bank, ICT in Teaching-Learning Process, Research and Consultancy, Multimedia Learning Materials and Power Point Presentation techniques in order to enable the teachers to adopt innovative and creative methods of teaching and ensure quality in academic delivery.

The evaluation process is made known to the students in the beginning of the academic year. The performance of students and their learning outcomes are evaluated through such methods as Continuous Internal Assessment Tests, Individual and Group Assignments, Net-based Assignments, Seminars, Industrial trainings, Project Work and End Semester Examinations. The entire process of teaching-learning is focused on improving the knowledge and skills of the students. Effect of quality academic delivery can be observed from the incremental improvement in academic performance of the students. The performance given below indicates an increasing trend in results in the UG Students of our college in comparison with University average Results.

The average pass percentage shows an overall increasing trend implying the constant motivation of and special attention on the students during their course of study.
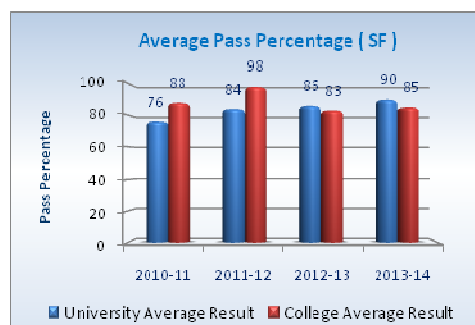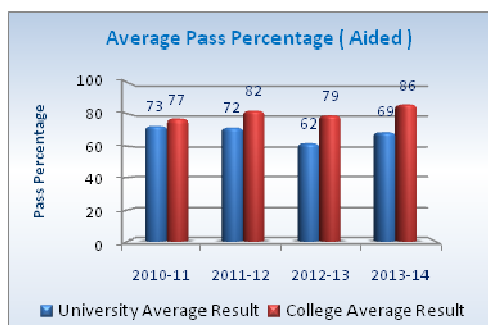
Criterion – III: Research, Consultancy and Extension

The college has created greater ambience to merge teaching and research in the last five years. Many members of the staff are intensely pursuing their research programmes and quiet a few have undertaken research projects. Of the doctorate holders seven are recognized as Research Guides. The Departments of Commerce, Mathematics and Chemistry are recognized research centre of Madurai Kamaraj University offer Full time and Part time research guidance. During the last five years the Department of Commerce produced 22 doctoral awardees, Department of Mathematics produced 9 doctoral awardees and the Department of Chemistry produced 4 doctoral awardees. Besides, 8 part time and 8 full time research scholars are currently pursuing their doctoral studies in the Department of Commerce, 8 part time and 8 full time in the Department of Mathematics and 10 in the Department of Chemistry. All these components of quantitative information are scaled-up much above the achievements of the earlier accreditation.

DST New Delhi has approved FIST grant of Rs. 67 lakhs to equip the science departments. During the assessment period, Five UGC and DST funded (Chemistry-3, Mathematics-1, Computer Science-1) National Conferences and DST Sponsored three INSPIRE programmes were organized with eminent scientists and celebrated academicians as resource persons. Promotion of research in terms of number of research projects and the grants received from funding organizations showed remarkable increase compared to the earlier cycle of accreditation the UGC has sanctioned Rs. 50 lakhs towards purchase of equipment for our college. The number

of Major/Minor research projects has increased from two during the First cycle to seven during the current cycle of accreditation. The total research grants received during the first and second cycle of accreditation are presented in the diagram.

The total grants documented here testify to a giant leap during the second cycle of accreditation.

A well-equipped central library and departmental libraries, adequately furnished seminar halls and laboratories with additional facilities are provided by the college to help conduct research. The intensity of research is manifested in the multiplicity of research publications. The faculty publications have made a steady growth right from the first cycle of accreditation as the following graph shows.
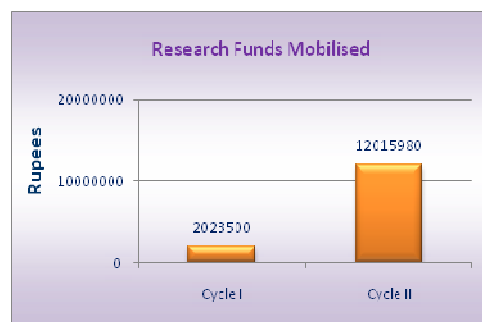
In addition to International and National level publications, the faculties have brought out a number of articles in the regional publications and conference proceedings. In order to encourage faculty publications the college has instituted cash awards and citation for outstanding publication.

The area of consultancy is steadily gaining momentum as the location of the college provides only limited opportunities to take up industry-centered consultancy services. Yet a few of our faculty members offer honorary consultancy to other academic bodies, NGOs and Voluntary agencies.
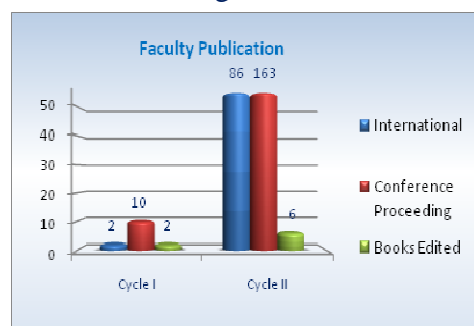
The college is aware of its institutional and social responsibilities and exercises creatively to immerse itself in the social progress of the neighborhood. The organic relationship between the college and community has inspired the multipronged outreach and extension activities of the college for community development. These activities of the college have received appreciation and approval of all the statutory bodies, government agencies and the local community. Extension wings like NSS, NCC, YRC, RRC and CWED, have periodically organized their camps, campaigns, rallies, awareness and action programmes with a clear aspiration for societal and national development.

The College has undertaken collaborative efforts in research. There are two MoU's with international Organizations like University of Melbourne, Australia and Yeungnam University, Republic of Korea. Besides, our college has also organized programmes in collaboration with Madurai Kamaraj University, Madurai.

Criterion – IV: Infrastructure and Learning Resources

The 41.7 acre college campus wears an enhanced look with a newly constructed Commerce block, Indoor Stadium and Library. The sylvan surroundings, increase of the green cover with more trees and the wafting fresh air adds a charm to campus life. The administrative block, IQAC room, English Language Lab (ELL), Smart class rooms, and the Air conditioned seminar hall have given a tremendous facelift to the campus. The Multipurpose Indoor Stadium, Mineral water plant, completely renewed hostel mess and building for the Women's Hostel. Healthy cooking infrastructure in the hostels, provision of internet facility in the campus, additional toilet facilities, public address system and uninterrupted power supply are

some of the physical facilities added to the campus during the current assessment period.

The college has received a grant of Rs. 70 lakhs for the construction of an Indoor Stadium and with additional financial support from the management, it has become a reality. The college has received a grant of Rs. 80 lakhs towards the strengthening of a lady hostel. The college has separate hostel facilities for girls and boys. 43 girls and 66 boys reside in the hostels. For those students away from home, the hostels cater to the integral formation of the inmates supervised by the Principal as Warden, the Deputy Warden and the Residential Supervisors. Ample facilities for their intellectual, emotional, social, cultural and skill development programmes are provided in the hostel. The college maintains a health centre on the campus with a part-time nurse.

The college management has contributed Rs. 60 lakhs for the construction of a new building for college library. Library as a learning resource centre has received a lot of attention. Automation, augmentation of the infrastructure, provision of sufficient funds for the purchase of books (Rs.8,78,999/-) Journals(Rs. 1,02,032) and electronic management have enriched the learning and research experience of the students, scholars and the staff.

IT infrastructure on the campus has been strengthened with manifold facilities of internet to all the departments and offices. The total number of computer systems is 300 with various configurations, 05 smart class rooms and 02 seminar halls are available.

All the departments have Computer and net connection to make learning highly computer aided. Constant service and maintenance of the IT facilities are given by a dedicated team of technical personnel. Addition of equipment and facilities in the laboratories has helped effective academic delivery during the last five years. Maintenance of the campus is under the supervision of the Principal and the Estate Officer.

Criterion – V: Student Support and Progression

Creation of a caring and compassionate campus for joyful learning and happy living has seized the imagination of the management and the faculty. As the college is home for both girls and boys from the economically lower strata of society, every effort is taken to infuse self-esteem and confidence in them. Student mentoring and support services are priority areas of the college. The Student Mentoring Scheme(SMS) is established with a Co-ordinator and a team of student counselors. Besides, every member of the staff serves as mentor for a class of students assigned by the Head of the Department. Every semester the mentees meet their mentors along with their data file for personal, emotional, academic and career guidance during the prescribed dates. As a result of this engagement, there is enlightened awareness and emotional maturity among the students about socializing, civic awareness and academic sensitization. Students with specific problems are referred to the counselors for further follow-up assistance. On account of the accompaniment of the staff and management with the students, all grievances are redressed through dialogues. Disciplinary measures tempered with humaneness and tolerances have been implemented through appropriate procedural mechanisms.

Student welfare measures and scholarships for the deserving students have received continuous attention of the Principal and the administrative team. The number of and the quantum of scholarships ensured for the needy students speak volumes of the institution's sincere efforts at mobilizing resources for the upliftment

of the weaker sections. During the academic years 2010-2014 a total of Rs. 74,22,124/-have been disbursed in the form of various scholarships for items like providing free lunch, mess fee for deserving hostel students, deserving differently-abled students, and other poor students. In addition to this, the Teacher Organization (MUTA) has disbursed Rs. 10,000/- for deserving students spread over all the academic departments.

As upward social mobility and employment are the primary concerns of the wards, only a few opt for higher education. Many of those who pass out prefer to take up some form of employment soon after their studies. Girls want to become teachers with teacher education degree after the completion of their courses. The most preferred career choice of the boys is uniformed services as they have adequate physical fitness. The target of all institutional efforts is the overall and holistic personal and professional development of every student with a value system. The college pays a great deal of attention to inculcate personal, social and national values through co-curricular, extra-curricular and sports activities. The students have responded well to live up to the expectations by excelling in leadership, team work, accountability, transparency and fair play. The awards, honors, medals, trophies, laurels, prizes, certificates and citations brought home by them have made a clear statement and signature of student excellence.

Student achievements in sports and games have been remarkable. Our teams in Ball Badminton, Hand Ball, Cricket, Football, Table Tennis and Chess have participated sixteen National level, Six State level events secured 8 District level places and 44 University level ranks in the last five years. The college with its Director of Physical Education as the Local Convenor hosted the Madurai Kamaraj University 'C' Zone Ball Badminton tournaments every year since 2011.

Student participation in National Service Scheme (NSS) has shown a spectacular leap from 378 in 2010-2011 to 875 in 2014 with six units. The programmes are mainly development oriented in nature and are designed in such a way that they promote a sense of social concern and leadership qualities among the students. Apart from the regular stipulated one day and seven day camps, social awareness programmes (5), medical camps (2), Trekking, Wild Life Census and rallies (4) have been organized. One of our NSS Student volunteers was selected for participating in National level events during the assessment period. The NSS Units of the college serve as the ardent promoters of college-community linkage.

The National Cadet Corps (NCC) cadets with committed involvement, rigorous training and motivation managed to fetch many laurels to the College during the last five year period. The Cadet Mr. C. Selvakumar attended IUC camp at NIT, Thuvakudi, Trichy from 21 to 30 June 2009. The Cadet Mr. S. Santhoshkumar attended TSC camp at Govt. Arts College Kumbakonam from 21 to 30 May 2011 and May 2012. Five Students participated in the All India Trekking Expedition held at GAYA at Bihar from 02.12.13 to 11.12.13. The Cadet Mr. A.Vijayakumar attended TSC (B) camp held New Delhi from 19.09.14 to 30.09.14.

The Youth Red Cross (YRC) trains and involves around 150 students every year in health related programmes. First aid training, golden hour of life saving mission, Blood donation, AIDS awareness programme have been some of the important activities carried out during the second cycle of assessment.

The Placement Cell trains and prepares the students for employment. During the assessment period 139 students have been placed in various companies besides the many who opted for the uniformed services. The placement cell has facilitated the students in getting a job in a number of local companies.

More over the college has Centre for Women welfare and Entrepreneurship Development (CWED), Centre for Entry in Services (CES), Career Guidance Cell (CGC) and Soft Skill and Personality and Development (SSPDP), Counselors for Men and Women, Consumer Club, English Language Lab (ELL), Cardo-Comp, Fine Arts Club and Department Associations to train the students to excel in Soft skills, Artistic skills, Academic skills, Communication skills and find a career in Self-employment.

Criterion – VI: Governance, Leadership and Management

The institutional vision and leadership gain visibility through open and transparent style of functioning. Effort has been put in place to make our college an abode of shared learning, shared responsibilities and shared action. Democratization and decentralization of academic and administrative functions with adequate accountability are practiced at all levels. Academic freedom and decentralization ensure that the department and unit heads and the teachers develop suitable techniques and delivery mechanisms for teaching and evaluation. Administrative responsibilities are shared and shouldered by the President, Vice-President, Secretary, Principal, the IQAC and NAAC coordinators, the Heads of the Departments, the Physical Director and the Librarian. The office administration is effectively supervised by the office Superintendent.

Strategy development is formulated by the governing body of the college and implemented by the College Committee and College Council. The Principal as the academic head of the institution is further empowered to execute the plans and policies. Appropriate planning mechanisms, allocation of portfolios, jobs description, regular conduct of various committee meetings, monitoring the implementation of the policies and programmes and reviews are personally supervised by the Principal.

The institution has paid much attention to the improvement of the academic enrichment of the faculty. Periodical need of staff development, student training and enrichment courses on the emerging knowledge domains and on topics like teaching methodologies, Academic Planning, Effective Class room Management and Communication skills, Evaluation Techniques, Question Bank, use of ICT and other similar programmes have been organized during the second cycle. In the last five years, the departments have conducted Five UGC, DST funded National Conferences and many Management funded State level seminars. All these were done as a regular feature to sustain academic excellence of the faculty, to acquaint the students with latest updates in their subjects and to enhance the various quality dimensions of the institution.

The financial vibrancy and viability of the college have been made possible through annual budgetary planning, resource mobilization, allocation of funds, monitoring of the College expenditure, auditing and presentation of the audited statements of accounts.

With Rs.3, 00, 00,000/- as the corpus fund the administration meticulously manages all the financial aspects of the college. While the aided stream receives various grants from the UGC in addition to the salary from the state government, the self- financed programmes are managed from the collection of prescribed fees.

The IQAC as a non- hierarchical think- tank and nerve centre of institutional excellence has played a sterling role by developing quality parameters for assuring, sustaining and enhancing academic and administrative evaluation, expansion and excellence. It functions as a catalyst in promoting the quality in every aspect of campus life. It has conducted two programmes with a national workshop on "Human rights status in India" (2012) and a seminar on 'e-content development' (2014).

The process of feedback on teachers is done regularly in a scientific and comprehensive manner. This is a significant quality measure introduced by the college. Besides, IQAC has submitted to NAAC the Annual quality Assurance Report (AQAR) for every academic year of current assessment period and released annual IQAC Bulletins.

Criterion – VII: Innovation and Best Practices

The college community derives its inspiration and channelizes its aspiration for environmental awareness from instinct and a spirit of social service. There have been conscious and continuous efforts at incorporating environmental concern into the institutional vision and mission. Green audit, use of non-conventional forms of energy, rain harvesting, and increase of green cover on and off the campus, planting of saplings, awareness campaigns and rallies are some of the initiatives of the college.

INNOVATIONS

1. Decentralized administration, participatory management, partial office automation, teacher friendly management, and feedback mechanism are the distinguishing features of the college.
2. The slow learners are identified and given peer counseling and remedial teaching.
3. Parallel evolution of innovative, student centric and participatory teaching - learning practices is fruitfully carried out in all departments.
4. Teachers are oriented and trained in the latest advancement on e-content development and e-teaching.
5. The institution has a satisfactory track record of research and extension for the last three decades. Department of Chemistry, Commerce and Mathematics are recognized by Madurai Kamaraj University as Research centres.
6. The institution has the privilege of having Science departments sponsored by Department of Science and Technology under the FIST Programme.
7. Besides UGC, other leading funding agencies like DRDO, DST, ICSSR and TNSCST provide fund for research activities.
8. The faculty members contribute to international peer reviewed journals with high impact factor.
9. The number of minor research projects funded by UGC and other agencies is on the ascent.
10. To make the campus eco friendly much emphasis is laid on green initiatives and energy conservation.
11. The College has established three Computer Labs, two Research Labs and an English Language Lab. There are properly trained students to shut down the system and printers when they are not in use.
12. Energy consumption in the hostel is closely monitored by the Residential Superintends and Wardens.
13. Strict practice to college norms of turning off electricity during day time is in force in hostels.
14. Fluorescent tube lights are being replaced with LED lights.
15. Use of alternative energy resources on campus includes installation of solar lamps on campus for diminished electricity consumption.

16. Plantation of saplings has been increased to absorb CO_2 emitted in the atmosphere and to provide an effective screen against carbon inflow.
17. The institution rigorously follows Reduce, Reuse and Recycle policy.
18. Segregation of waste at source using twin bin system and the waste is then processed for composing accordingly.
19. The dry leaves and the waste papers are not burnt but they are buried in the soil itself and leaf litter around the campus is used as organic manure.
20. Awareness programmes on global warming are conducted.
21. Students are motivated to use bi-cycle.
22. Ceramic dishes are used instead of plastic and paper cups in the student welfare canteen.
23. The college avoids the use of severe corrosive chemicals in practical classes and sees that minimum quantity of chemicals is purchased to pre-empt the risk of expiry and hence easy disposal.
24. Solid wastage in the chemistry lab is collected separately and disposed of carefully.
25. Special drainages are constructed to dispose of the liquid chemical waste from the lab.
26. Adequate number of exhaust fans and fume hoods is also provided
27. Initiatives are taken to make the office paperless through office automation and e-communications.
28. Yoga and meditation are practiced in the campus for holistic health.
29. The NSS units and NCC wing of our institution are appreciated and bestowed with lot of awards.
30. The institution motivates the students to donate blood and as a result record number of blood donations takes place every year.
31. The differently abled students are taken care of by a staff member nominated by the Principal.
32. Moral and ethical values such as social justice, gender perspective, eco-consciousness, humanism, sense of equality and dignity of labour are inculcated in the minds of students through the noble and novel extension services carried out by the institution.
33. The Placement Cell supports the students in getting placements.
34. ICT enabled class rooms and internet facility are available in the campus.
35. Indoor stadium facilities are available for indoor games and gymnastics.
36. A functional college website (www.cpacollege.org) provides a clear insight of the working of the college.
37. A well maintained and well stacked General Library functions with many e-resources besides departmental libraries.

BEST PRACTICES

1. Our college offers both The Sunshine (opportunities) and The Shade (self-reliance) so that the students can not only find employment avenues but also create employment.
2. Our college management as part of its healthy practice founds a platform for The Throne (Research) and Crown (Appreciation) sets up a niche for appreciation.
3. Our College offers many Enrichment courses to transform our students into fully rounded human beings.

4. Remedial classes are organized to help the slow learners to help them pass in their academic examinations.
5. Preparation of power point slides and creation of interactive classes along with the use of learning resources like the library and internet in an ICT enabled campus makes learning joyous and interesting.
6. Special attention is paid to mentor care and student counseling to make way for smooth gender relationships. Through constant mentoring and vigilant monitoring, the college nurtures the students to bloom into holistic persons.
7. Industrial visits and on the job training with firms are arranged during the semester vacation to encourage the students to develop their entrepreneurial skills.
8. Greater attention is paid to training in soft skills and Career Guidance and preparation for uniformed services has become a focused area.
9. Teachers are motivated to become inspirational role models and are involved in the student progression to higher levels of excellence, enhancement and employability.
10. Regular conduct of refresher and need based staff development programmes for the staff members are undertaken.
11. Maintenance of Clean and Green campus makes a fair case for environmental awareness.
12. Administration is decentralized to ensure greater participation and better governance.
13. The campus has grown into a vibrant institutional gender equality abode.
14. Special coaching classes for the disadvantaged community of students through Equal Opportunity Center (EOC) have been conducted.
15. Research projects from various funding agencies have revitalized the knowledge creation.
16. Resource sharing and academic consultancy have gained visibility and public positioning of the college.

SWOC ANALYSIS

STRENGTHS

1. Availability of a vast green campus (41.7 Acres) and infrastructure for future expansion and development.
2. A proactive management to patronize innovative and relevant academic programmes
3. Dedicated and qualified faculty to enhance learning and research atmosphere.
4. Students with discipline and rural value orientation.
5. A strong and involved commitment to College-Community Linkage.
6. Support and participation of the local civic bodies in the campus life.
7. Multi-faceted extension programmes.
8. Tapping funds from State and National funding agencies like TANSCHE, UGC, CSIR, DST and DRDO.

WEAKNESSES

1. Locational constraints of the college are hurdles for starting technical and job-oriented courses.
2. Lack of adequate entrepreneurship and skill development programmes
3. Insufficient participation of placement agencies for campus recruitment
4. Deficiency of academically endowed and talented students from the feeder schools of the surrounding villages against the background of proliferation of Engineering Colleges in the State.

OPPORTUNITIES

1. To initiate skill-based entrepreneurship activities towards employability.
2. To develop industry-academia partnerships for training and employment.
3. To promote inter-disciplinary and multi-disciplinary research.
4. To foster interest and talent based student clubs and quality circles.
5. To promote the proliferation of Self Help Groups and self-employment initiatives.
6. To improve the students' communication skills through English Language Lab (ELL)and make them employable in metropolis.
7. To explore the possibility of the promoting of the clustering of Colleges in the vicinity.

CHALLENGES

1. Ensuring zero percentage failure of the rural student community.
2. Achieving higher order of thinking and skill sets necessary for competitive examinations.
3. Convincing Multi National Companies for campus interview and placement.
4. Tapping the benefits of tie-ups and MoUs with industries and institutes of repute by circumventing the geographical constraints.
5. Public positioning of the college as a social agent and institute of excellence.
6. Finding financial resources for future growth in the face of diminishing government grants.

PROFILE OF

THE COLLEGE

1. Name and address of the college

Name	CARDAMOM PLANTERS' ASSOCIATION COLLEGE
Address	Pankajam Nagar
City	Bodinayakanur- 625 513
District	Theni
State	Tamil Nadu
Website	www.cpacollege.org

2. For Communication

Designation	Name	Telephone with STD code	Mobile	Fax	Email
Principal	Dr. M. Rajarajan	O:04546-280209 R:04546-280879	9443026532	04546-280793	rajarajan1962@ rediffmail.com
Steering Committee					
Co-ordinator NAAC	Dr. C. Elango	04546-280209	9442039006	04546-280793	chellaelango@ gmail.com
Co-ordinator IQAC	Dr. S. Sivakumar	04546-280209	9444455425	04546-280793	sivaku2002@ yahoo.com
Associate Co-ordinator NAAC	Dr. K. Krishnan	04546-280209	9994193205	04546-280793	drkkmaths@ gmail.com

3. Status of the Institution
   i.   Affiliated College   √
   ii. Constituent College
   iii. Any other (specify)

4. Name of University to which the College is affiliated   **MADURAI KAMARAJ UNIVERSITY**

5. Date of establishment of the college   19 –07-1974

6. Type of Institution:
   By Gender
   i.   For Men
   ii. For Women
   iii. Co-education   √

By Shift
i.   Regular   √
ii. Day
iii. Evening

Source of funding
i. Government
ii. Grant-in- Aid   √
iii. Self-financing   √
iv. Any other   C.P. A. College Society.

7. Is it a recognized minority institution?
    i.   Yes
    ii. No   √

8. Details of UGC recognition

Under Section	Date, Month & Year (dd-mm-yyyy)	Remarks (If any)
i. 2 (f)	07.11.1988	-
ii. 12 (b)	07.11.1988	-

(Enclose the Certificate of recognition u/s 2 (f) and 12 (b) of the UGC Act) - Enclosed

9. Details of recognition/approval by statutory/regulatory bodies other than UGC, AICTE, NCTE, MCI, DCI, PCI, RCI etc.)

Under Section/clause	Recognition/Approval details Institution/Department/ Programme	Day, Month and Year (dd-mm-yyyy)	Validity	Remarks
Not Applicable				

(Enclose the recognition/approval letter)

10. Does the affiliating University-Act provide for conferment of autonomy (as recognized by the UGC), on its affiliated colleges?

    i. Yes   √
    ii. No

    If yes, has the College applied for availing the autonomous status?

    i. Yes
    ii. No   √

11. Has the college been recognized?

  a. by UGC as a College with Potential for Excellence (CPE)?

  i. Yes

  ii. No   √

  b. for its performance by any other governmental agency?

  i. Yes   √

  ii. No

  If yes, Name of the agency   :   DST- FIST.

12. Location of the campus and area in sq.mts.

Location *	Rural
Campus area in sq. mts.	166204.39 sq. mts.
Built up area in sq. mts.	11941.66 sq.mts.

(* Urban, Semi-urban, Rural, Tribal, Hilly Area, any others specify)

13. Facilities available on the campus (Tick the available facility and provide numbers or other details at appropriate places) or in case the institute has an agreement with other agencies in using any of the listed facilities provide information on the facilities covered under the agreement.

- Auditorium/seminar complex   √

- Sports facilities
  - ❖ Play ground   √
  - ❖ Swimming pool
  - ❖ Gymnasium   √

- Hostel
  - ❖ Boys hostel   √
  - ❖ Girls hostel   √

- Residential facilities
  - ❖ for teaching staff
  - ❖ for non-teaching staff

- Cafeteria   √
- Health centre   √

- ❖ First aid facility   √
- ❖ Inpatient facility
- ❖ Outpatient facility
- ❖ Ambulance facility
- ❖ Emergency care facility   √

- Health centre staff

  - ❖ Qualified doctor   Full time [ ]   Part-time √

  - ❖ Qualified Nurse   Full time [ ]   Part-time √

- Other facilities

  - ❖ Bank
  - ❖ ATM
  - ❖ Post office   √
  - ❖ Book shops (Students Co-operative store)   √

  - Transport facilities

    - ❖ For students (for Girl students)   √
    - ❖ For staff (for Female Staff)   √

  - Power house (Generator and Solar powered)   √
  - Waste management facility   √

14. Details of programmes offered by the college (Give data for current academic year)

Sl.No.	Programme Level	Name of the Programme / Course	Duration	Entry Qualification	Medium of instruction	Sanctioned Student Strength	Number of students admitted
1.	UG (Aided)	History	3 years	As per T.N. Govt. Norms.	English	60	40
		Economics				60	58
		English				60	60
		Commerce				6 0 + 17	77
		Mathematics				60	55
		Chemistry				40+18	58
		Computer Science				40	40
2.	UG (Self-financed)	Computer Applications	3 years	As per T. N. Govt. Norms.	English	40	28
		Commerce				60+48 Two Batches	108
		English				60+4	64
		Information Technology				40	23
		Business Administration				40	28
3.	PG (Aided)	Mathematics	2 years	B.Sc. Mathematics	English	26	26
		Commerce		B.Com		30	30
4.	PG (Self-financed)	M.Sc.(CS&IT)	2 years	Any Degree	English	20	20
		Chemistry		B.Sc. Chemistry		20	10
		Industrial Chemistry(innovative and UGC upported)		B.Sc. Chemistry		20	10
		English		B.A. English		20	14
5.	M. Phil. (Self-financed)	Commerce	1 year	M.Com.	English	30	15
		Mathematics		M.Sc.		20	20
		Chemistry		M.Sc.		10	4
		English		M.A.		12	12
		Computer Science		M.Sc. /M.C.A		15	15
6.	Ph.D.	Commerce	-	M.Com/M.Phil.	English	24	15
		Mathematics		M.Sc./M. Phil.		16	12
		Chemistry		M.Sc./M. Phil.		16	14
7.	Career oriented Certificate courses (UGC-funded)	Human Rights Education	1 Year	H. Sc.	English	60	60
		Medical Lab Technology				40	40
		Chem Informatics				40	40
		Environmental Chemical Analysis				40	40
		Industrial Chemistry				40	40
8.	Diploma Courses	DCA	1Year	H. Sc.	English	60	60
		PGDCA		Any Degree		20	10

15. Does the college offer self-financed Programmes?

i. Yes   √

ii. No

If yes, how many?   17

16. New programmes introduced in the college during the last five years if any?

i. Yes	√
ii. No	
If yes, how many?	12

17. List the departments: (respond if applicable only and do not list facilities like Library, Physical Education as departments, unless they are also offering academic degree.)

Particulars	Degree	Number	Number of Students
Science	Under graduate	3	153
	Post graduate	1	26
	M.Phil.	3	18
	Ph.D.	2	10
Arts	Under graduate	3	133
	Post graduate	1	0
	M.Phil.	1	0
	Ph.D.	1	5
Commerce	Under graduate	1	77
	Post graduate	1	30
	M.Phil.	1	15
	Ph.D.	1	15
Science(SF)	Under graduate	2	51
	Post graduate	3	9
Arts(SF)	Under graduate	2	102
	Post graduate	1	14
Commerce(SF)	Under graduate	1	108
Total			**766**

18. Number of Programmes offered under (Programme means a degree course like B.A., B.Sc., M.A., M.Com.,)

     a. Annual system   :   10
     b. Semester system   :   23
     c. Trimester system   :   Nil

19. Number of Programmes with

     a. Choice Based Credit System   :   23
     b. Inter/Multidisciplinary Approach   :   10
     c. Any other (specify and provide details)   :   Nil

20. Does the college offer UG and/or PG programmes in Teacher Education?

i. Yes	
ii. No	√

If yes, Year of Introduction of the programme(s)…………….(dd/mm/yyyy) and number of batches that completed the programme

       NCTE recognition details (if applicable)

          Notification No.: …………………………………

          Date:
…………………………(dd/mm/yyyy)Validity:………………………..

Is the institution opting for assessment and accreditation of Teacher Education Programme separately?

21. Does the college offer UG and/or PG programmes in Physical Education?

         i. Yes

         ii. No   √

If yes, Year of Introduction of the programme(s)…………….(dd/mm/yyyy) and number of batches that completed the programme

       NCTE recognition details (if applicable)

          Notification No.: …………………………………

          Date:
…………………………(dd/mm/yyyy)Validity:………………………..

Is the institution opting for assessment and accreditation of Physical Education Programme separately?

22. Whether the college offering any professional programme?

         i. Yes

         ii. No   √

If yes, please enclose approval / recognition details issued by the statutory body governing the programme.

23. Has the College been reviewed by any regulatory authority? If so, furnish a copy of the report and action taken there upon.

<div align="center">Yes?   Reviewed by NAAC</div>

24. Number of teaching and non-teaching positions in the Institution

Positions	Teaching faculty						Non-teaching Staff		Technical staff	
	Professor		Associate Professor		Assistant Professor					
	*M	*F	*M	*F	*M	*F	*M	*F	*M	*F
Sanctioned by the UGC / University / State Government	-	-	28		24+1(PT)		14		2	
Recruited	-	-	27	1	10	6	13	1	2	-
Yet to recruit					8 +1(PT)					
Sanctioned by the Management/society or other authorized bodies	-	-		-	10	-	15	01	02	04
Recruited					10		15	01	02	04
Yet to recruit	-	-	-	-	-	-	-	-	-	-

*M-Male *F-Female, PT: Part-Time Lawer.

25. Qualifications of the Teaching Staff:

Highest Qualification	Professor		Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	Male	Female	
Ph.D.	-	-	15	-	6	-	21
M. Phil.	-	-	12	1	4	5	22
P.G	-	-	-	-	-	1	1
Teaching Staff(SF)							
Ph.D.	-	-	-	-	1	1	2
M. Phil.	-	-	-	-	15	18	33
P.G	-	-	-	-	4	5	9

26. Number of Visiting Faculty/ Guest Faculty engaged by the College: 05

27. Details on students enrollment in the college during the current academic year:

Type of students	UG		PG		M. Phil.		Ph.D.		Total	
	M	F	M	F	M	F	M	F	M	F
Students from the same state where the college is located	272	342	15	64	25	30	5	5	317	441
Students from other states of India	-	-	-	-	-	-	-	-	-	-
NRI students	-	-	-	-	-	-	-	-	-	-
Foreign students	-	-	-	-	-	-	-	-	-	-
Total	272	342	15	64	25	30	5	5	317	441

28. Dropout rate in UG and PG (average of the last two batches)
           UG: 5.6%   PG: 5.3%

29. Number of working days during the last academic year :   182
30. Number of teaching days during the last academic year :   180

31. Is the College registered as a study centre for offering distance education programmes for any University?

    i. Yes [ ]
    ii. No   [√]

32. Provide Teacher-student ratio for each of the programme/course offered

Sl. No.	Programme	Teacher – Student Ratio
UG		
1.	History	1:25
2.	Economics	1:30
3.	English	1:50
4.	Commerce	1:45
5.	Mathematics	1:50
6.	Chemistry	1:40
7.	Computer Science	1:24
8.	Computer Applications	1:25
9.	Commerce(SF)	1:50
10.	English(SF)	1:50
11.	Information Technology	1:20
12.	Business Administration	1:15
PG		
13.	Mathematics	1:6
14.	Commerce	1:13
15.	M.Sc.(CS&IT)	1:5
16.	Chemistry	1:3
17.	Industrial Chemistry	1:1
18.	English	1:5
M.Phil.		
19.	Commerce	1:3
20.	Mathematics	1:5
21.	Chemistry	1:2
22.	English	1:5
23.	ComputerScience	1:5

33. Is the College applying for?
Accreditation : Cycle 1: [ ]   Cycle 2 [√]   Cycle 3 [ ]   Cycle 4 [ ]

        Re-Assessment: [ ]

34. Date of establishment of Internal Quality Assurance Cell (IQAC)
            IQAC: 01-07-2007

35. Details regarding submission of Annual Quality Assurance Reports (AQAR) to NAAC

      i. AQAR 2007 – 2008 submitted on 2nd April 2014
     ii. AQAR 2008 – 2009 submitted on 2nd April 2014
    iii. AQAR 2009 – 2010 submitted on 2nd April 2014
    iv. AQAR 2010 – 2011 submitted on 2nd April 2014
     v. AQAR 2011 – 2012 submitted on 2nd April 2014
    vi. AQAR 2012 – 2013 submitted on 2nd April 2014
   vii. AQAR 2013 – 2014 submitted on 30th January 2015

36. Any other relevant data (not covered above) the college would like to include. (Do not include explanatory/descriptive information) :

1. This is the only College in India Run by Agriculturists (Cardamom Planters).
2. The college offers Bridge intensive course for the First year students.
3. Non affiliated enrichment certificate course (Eleven Courses) offered to the second year students on choice based.
4. Third year students are encouraged to undergo personality development programs.
5. Each department offers value added courses.
6. College is offering training for competitive examinations for employment and higher education through Centre for Entry in Services (CES) and Career Guidance Cell(CGC).
7. College is promoting Fine –Arts, Cultural and Sports talents of students through a unique Programme CARDO-COMP (Cardamom Competition)

CRITERION - WISE ANALYTICAL REPORT

CRITERION I

CURRICULAR

ASPECTS

CURRICULAR ASPECTS

1.1. CURRICULUM PLANNING AND IMPLEMENTATION

1.1.1   State the Vision, Mission and objectives of the institution, and describe how these are communicated to the Students, Teachers, Staff and other Stakeholders.

Vision

Established with a view to propagating the fragrance of higher education, our institution strives for academic learning on a sound footing, intellectual substance on a wider platform, strong moral fiber on a solid base and an extensive and profound humane vision as the cornerstone of culture.

Mission

- To lend a hand of academic support to the economically underprivileged.
- To help the students shake off the burdensome tag of social backwardness.
- To impart learning of a kind that adds strength and competitiveness to the students to view with their peers elsewhere.
- To provide value-based education and quality-centered research programmes at affordable cost.
- To motivate the students to shape their own future on the wings of their dreams.
- To enable the students to evolve into worthy Indian citizens.

Objectives

- Caters to the educationally backward.
- Ministers to Women empowerment.
- Brings out Students' latent talents.
- Brightens up career avenues.
- Shapes up a new generation.
- Strives for total excellence.
- Motivate students to become value-oriented individuals and be sensitive to the needs of the society.

Communication to Stakeholders

The College Managing Committee and Staff Council are two important academic bodies of the institution. Decision taken in the Managing Committee and the Staff Council are communicated properly to all the stakeholders through displaying notices on the notice boards and making announcements through public addressing system. The Vision and Mission statements are displayed in the campus at strategic points such as:

- Principal's Chamber
- College Office

- Library
- All Department Staff Rooms
- Canteen
- Hostels

It is also communicated through:
- Prospectus
- Institution Magazines
- Hand Book
- Academic Calendar
- Web Site
- To freshers and their parents during orientation programmes
- Moreover the components of Vision/Mission translated into academic programmes through curriculum.

1.1.2 How does the institution develop and deploy action plans for effective implementation of the curriculum? Give details of the process and substantiate through specific example(s).

The College meticulously develops action plans for effective implementation of the curriculum. The academic calendar issued by the affiliating University is the blue print for the development of the college level action plan. The College level action plan is developed and deployed as under:

At the beginning of each academic year, the Principal of the College conducts meetings with HODs and the staff members of various departments to develop various strategies for effective implementation of the curriculum. Teachers are encouraged to impart the curriculum through innovative teaching methods such as presentations, assignments, discussions, workshops, seminars, industrial visits, internet and technology enabled education apart from regular/traditional teaching methods. Thereafter, in the general staff meeting, the College plans its semester academic schedule which clearly mentions the topics to be taught and number of working days allocated to respective modules and the extent of syllabus to be tested in various internal examinations. Subsequently, the staff members of the departments conduct their internal meetings and develop syllabus specific teaching plan for the ongoing semester. Keeping in mind the University level Academic Calendar, the College level Action Plan and the number of working days available, the syllabus is divided into modules which are to be finished within a given deadline. Teacher's Log Book is maintained for each faculty member to see whether the teaching plan is adhered to.

1.1.3 What type of support (procedural and practical) do the teachers receive (from the University and/or institution) for effectively translating the curriculum and improving teaching practices?

The curriculum prepared by the Madurai Kamaraj University, Madurai, Tamilnadu, to which the college is affiliated, is well adhered and respective syllabus to the students after serious preparation. Being an affiliated institution we are always in tune with the latest trends in curriculum delivery and guidelines from the Governments/ University.

The faculty of the college can discuss their issues or problems, if any, while participating in the meetings of the Board of Studies, Academic Council, the Senate

and the Syndicate of the Madurai Kamaraj University. Academic Staff College of the Madurai Kamaraj University to which the college is affiliated regularly organizes refresher courses, orientation programmes and workshops to update the knowledge and teaching aptitude of the teachers. The College also encourages the teachers to participate in the Orientation/ Refresher Courses/ Workshops/ Seminars organized by the affiliating University/ other Universities to update their knowledge and to improve their teaching practices.

- ➢ IQAC Organizes meetings on latest teaching methodologies.
- ➢ Resource persons from Colleges of Education are invited for guest lectures for effective transmission of curriculum.
- ➢ T.V. with DTH: VYAS- channels / Discovery Channels/ National Geographic Channel.
- ➢ NPTEL Video lessons and open source course-wares are also used by teachers for effective teaching.
- ➢ Staff also attend seminars/ workshops organized by the IQAC of other colleges to improve their teaching methods
- ➢ Science Journals available in the library are used by the staff to improve the conduct of practical.
- ➢ Special attention is given by the management to provide infrastructural facilities with special emphasis on ICT-enabled tools to improve the teaching-learning practices in the institution.

1.1.4 Specify the initiatives taken up or contribution made by the institution for effective curriculum delivery and transaction on the Curriculum provided by the affiliating University or other statutory agency

Though the curriculum is designed and revised by the Madurai Kamaraj University, Madurai, for effective curriculum delivery, weightage to academic improvement and at the same time to give sufficient importance to the overall development of students by encouraging them to work with various bodies of the college such as Student Association, NSS, and various clubs and forums.

- ➢ Besides the chalk and talk method, the college has taken many initiatives for effective curriculum delivery with the help of ICT enabled teaching learning process.
- ➢ The college faculty is trained by the Computer Science Department to make them familiar with the use of computers so that they are able to use internet, LCD projectors, interactive boards etc. to supplement their class room lectures.
- ➢ All departments have created a Book Bank for the use of teachers and students wherein all the latest books are made available to the faculty and students for their reference.
- ➢ In addition to the regular subject classes, the Departments organize special lectures by inviting experts from various fields to share their knowledge with the students.
- ➢ The college also organizes special Personality Development Programmes for the students.
- ➢ The students are also taken out for educational tours and industrial visits to provide them hands-on experience on their related subjects. Furthermore, for effective curriculum delivery, the college has got the provision of special /

remedial classes for slow learners. Specifically, the institution takes up the following steps for effective curriculum delivery and transaction.

1. Time table is prepared and communicated to the faculty and the students well in advance.
2. A Semester Plan is prepared by the college for the timely completion of the curriculum.
3. Each department prepares a teaching plan in the beginning of each semester earmarking the time schedule for the completion of each module in the syllabus.
4. Teacher's Log Book (TLB) maintained for each faculty member monitors the curriculum delivery as per the teaching plan.
5. Each faculty maintains a **course file** for each semester containing details of time-table, Syllabi, teaching plan, students' seminars and assignments, internal exams, remedial coaching if any, mentorship details, etc.
6. Heads of the departments conduct frequent review meetings to know the status of the delivery of the syllabus.
7. Principal of the college seeks report on the progress of syllabus completion from the Heads of the departments from time to time.
8. Work loads of faculty on leave are adjusted by other faculty members of the department.
9. Centralized Internal exams and model exams are conducted regularly for each semester. Feed back is obtained from the students on the curriculum delivery and transaction.

➢ The library offers document delivery service to the students through photo copying facility.
➢ Through notice boards and circulars the library disseminates information to the stakeholders.
➢ Four systems are readily available for OPAC.
➢ Internet access is given to PG, M. Phil. & Ph.D. scholars and to UG students on request.
➢ E-resources downloading provision is available in all the systems of the library and guidance service is also given for downloading.
➢ Multimedia Learning Materials (MLM) are prepared by the centre for ICT.
➢ Bibliography compilation is available as catalogue.
➢ Guidance service is also given for the compilation of bibliography for research scholars.
➢ Final year students' internship training facilities are arranged with various industries in and around Theni district.
➢ MOUs are signed with the respective industries by the college for student training.

1.1.5 How does the institution network and interact with beneficiaries such as industry, research bodies and the University in effective operationalization of the curriculum?

The institution has established network with the Industries, **R**esearch and Development (R&D) organizations in private and public sectors, and Universities for the effective implementation of the curriculum for the COP and Innovative Programme M.Sc. Industrial Chemistry with financial assistance from UGC.

The institution encourages its faculty members to conduct and attend the seminars, conferences, workshops and symposia for getting the latest inputs from the industry and other agencies.

1.1.6 **What are the contributions of the institution and/or its staff members to the development of the curriculum by the University?(number of staff members/departments represented on the Board of Studies, student feedback, teacher feedback, stakeholder feedback provided, specific suggestions etc.)**

Being an aided affiliated institution with rural background, College faces many constraints to modify the syllabus on its own. The University Statute permits the nomination of only a few faculties in various academic bodies of the Universities.

The members of the faculty hold brain storming discussions amongst themselves on the relevance of the syllabus designed by the affiliating University. While recommending or forwarding the suggestions to the Board of Studies, our teachers normally take into consideration the students' feedback as well as the feedback from the Alumni, interactions from academic experts and other faculty members of various departments.

Our teachers participate in the discussions relating to the curriculum design and also attend board meeting conducted by the University. Whenever they find that the syllabus needs to be modified to meet the emerging trends, they communicate their views to the respective members of Board of Studies in the meeting convened by the University. The following faculty members of the College participated in the Meetings/Seminars/Workshops related to Curriculum development and syllabus revision conducted by the University in previous years

Sl. No	Name of the Staff	Member in
1.	Dr. M. Rajarajan Head, Department of Chemistry	Syndicate, Senate and Academic Council Madurai Kamaraj University, Madurai
2.	S. Poonkundran Department of Mathematics	Academic Council Madurai Kamaraj University, Madurai
3.	Dr. V. Balasubramanian Head, Department of English	Board of Studies in English Madurai Kamaraj University, Madurai
4.	N. Sukumaran Department of English	Board of Studies in English Madurai Kamaraj University, Madurai
5.	A. Balasubramanian Department of English	Board of Studies in English Madurai Kamaraj University, Madurai
6.	Dr. K. Malaichamy Head, Department of Tamil	Board of Studies in Tamil Madurai Kamaraj University, Madurai
7.	R. Pandy Head, Department of Mathematics	Board of Studies in Mathematics Madurai Kamaraj University, Madurai
8.	Dr. P. Prince Dhanaraj Head, Department of Economics	Board of Studies in Economics Madurai Kamaraj University, Madurai
9.	Dr. M. Selvaraj Head, Department of Commerce	Board of Studies in Commerce Madurai Kamaraj University, Madurai
10.	Dr. A. Gnanasekaran Head, Department of History	Board of Studies in History Madurai Kamaraj University, Madurai
11.	Dr. C. Gopi Head, Department of Botany	Board of Studies in Botany Madurai Kamaraj University, Madurai
12.	Dr. S. Sivakumar Head, Department of Computer Sci.	Board of Studies in Computer Science Madurai Kamaraj University, Madurai

1.1.7   Does the institution develop curriculum for any of the courses offered (other than those under the purview of the affiliating university) by it? If "yes", give details on the process (Needs Assessment, design, development and planning) and the courses for which the curriculum has been developed).

The curriculum for the regular programmes offered by the College is developed and modified by the affiliating University. The College does not have the freedom to frame its own curriculum for any of the regular academic programs.

- The curriculum of the regular programmes is supplemented by offering Add-on programmes like COP, funded by UGC New Delhi.
- Innovative Programme M.Sc. Industrial Chemistry is funded by UGC, New Delhi.
- Non affiliated Enrichment Courses are offered.
- The curriculum and syllabus of the Add-on and Innovative programmes are formulated and developed by the faculty members of the respective departments.
- The curriculum and syllabus of the enrichment courses are formulated and developed by the Board of Studies constituted by the College.

Details of the UGC funded add-on programmes offered by the departments are the following:

Add-on Programmes offered at the College

Name of the Programme	Organizing Departments	Sanctioned Year
Certificate Course in Accounting for Small Enterprises	Commerce	2008
Certificate Course in Industrial Chemistry	Chemistry	2009
Certificate Course in Chem-Informatics	Chemistry	2012
Certificate Course in Environmental Chemical analysis	Chemistry	2012
Certificate Course in Human Rights Education	History	2012
Certificate Course in Medical Lab Technology	Chemistry	2012
Certificate Course in LATEX	Mathematics	2014

1.1.8   How does institution analyze and /ensure that the stated objectives of curriculum are achieved in the course of implementation?

➢ Analyzing the Marks scored in Internal Examinations.
➢ Analyzing the Semester Results.
➢ Analyzing the Academic audit.
➢ Obtaining feedback from Stakeholders.
➢ Weak students are identified and remedial classes are arranged.

1.2   ACADEMIC FLEXIBILITY

1.2.1   Specifying the goals and objectives, give details of the certificate/diploma/skill development courses etc., offered by the institution.

Keeping in mind the growing needs of the local, State, Nation and global levels and considering the unprecedented need for making the environment eco-friendly, the college offers courses at Graduate level in all branches of Arts, Commerce and Science.

1. Enrichment Courses
2. Career Oriented Programmes
3. Innovative Programmes

The goals and objectives of the Institution are to impart quality education by implementing effective teaching-learning process and to equip the students with required skills to compete in the global market. To achieve these objectives, the College offers the following Add- on programmes.

Name of the Programme
Certificate Course in Medical Lab Technology
Certificate Course in Chem Informatics
Certificate Course in Industrial Chemistry
Certificate Course in Environmental Chemical Analysis
Certificate Course in Human Rights Education
Certificate Course in LATEX
Certificate Course in Accounting for Small Enterprises

- Department of Commerce is offering a certificate course in MS- Office and Tally to the B.Com Students.
- Department of Computer Science is offering a certificate course in Multi-media.
- Department of Computer Application is offering a certificate course in Hard-Ware Maintenance and Mobile Servicing.
- Department of Mathematics is offering a certificate course in Matlab and Maple.
- The CES of the college is offering coaching classes for NET/ SLET and Civil Service Examinations.

1.2.2   Does the institution offer programmes that facilitate twinning / dual degree? If "yes", give details.

Our Students can pursue dual degree courses through Distance Education Programmes in IGNOU.

1.2.3 Give details on the various institutional provisions with reference to academic flexibility and how it has been helpful to students in terms of skills development, academic mobility, progression to higher studies and improved potential for employability

Being an affiliated institution, the College does not have the academic autonomy to introduce highly flexible curriculum in the undergraduate, postgraduate and Research programmes offered at the College. However, affiliated colleges do have the freedom to select the elective courses and open courses offered along with the core courses of study. Academic flexibility at the micro level is ensured by introducing skill development Add-on programs to improve the employability of the students

- **Range of Core /Elective options offered by the University and those opted by the college**

  The College provides regular courses B.A. English, B.A. Economics, B.A. History, B.Sc. Mathematics, B.Com (Computer), B.Sc. Chemistry, B.Sc. Computer Science M.Sc. Mathematics, M.Com and self financed Courses BCA, B.Sc. C.S & I.T, B.A. English, B.B.A., B.Com, M.Sc. Chemistry, M.Sc. Industrial Chemistry, M.Sc. C.S & IT, M.A. English, M.Phil. in (Mathematics, Commerce, English, Chemistry , Computer Science) and M.Sc. (Computer Science), The Madurai Kamaraj University, Madurai, does not give academic flexibility to the affiliated institutions. The institution offers the following compulsory and optional subjects in Undergraduate and Post Graduate Level.

S. No	Course / Programme	Course / Programme Options
1	UG Degree 12 Courses	**Aided courses:** Mathematics, Chemistry, Computer Science, English, History, Business Economics and B.Com. **Self-financing courses:** English, Information Technology, BCA, B.Com. with Computer Application and B.B.A.
2	PG Degree-6 Courses	**Aided courses:** Mathematics and M.Com. **Self-financing courses:** English, Chemistry, Industrial Chemistry and Computer Science & Information Technology
3	M.Phil.-5 Programmes	Commerce, Mathematics, Chemistry, Computer Science and English.
4	Ph.D.3 -Programmes	Commerce, Mathematics and Chemistry.
5	Certificate Courses 8 Courses	Gandhian Thought, Industrial Chemistry, Accounting for Small Enterprises, Human Rights Education, Chemo Informatics, Medical Lab Technology, Environmental Chemical Analysis and Latex.
6	Diploma Courses 6 Courses	D.C.A. P.G.D.C.A. Gandhian Thought, D.A.S.E (Accounting for small Enterprises) and P.G.D.A.S.E (Accounting for small Enterprises)
7	Career Oriented Programme 7 Courses	Medical Lab Technology, Chem Informatics, Environmental Chemical Analysis, Industrial Chemistry, Human Rights Education, Latex and Accounting for Small Enterprises.

S. No	Nature of the Course / Programme	Total Number
1	UG Degree Course (Aided + Self-financing)	12
2	PG Degree Course (Aided + Self-financing)	6
3	M.Phil. Degree Programmes (Full time + Part time)	5
4	Ph.D. Degree Programmes (Full time + Part time)	3
5	Certificate Courses	7
6	Diploma Courses (PG + Advanced)	6
7.	Career Oriented Courses	7
	Total	**46**

➢ **Choice Based Credit System and range of subject options**

The courses are offered as per CBCS offered by the Madurai Kamaraj University,   Madurai.

➢ **Courses offered in modular form**

Courses are provided in modules (Five Units) form by the University. The modules so arranged are also used for testing the students in the exams, (First internal and Second internal examinations).

➢ **Credit transfer and accumulation facility**

No credit transfer and accumulation facility exists as per University norms.

➢ **Lateral and vertical mobility within and across programmes and courses**

Horizontal movement is allowed for the students of UG programmes while selecting their subjects (Ancillary). Recently, Non-Major Elective papers are introduced in the CBCS curriculum that will make this movement possible right from the first year of their study.

➢ **Enrichment courses**

The existing courses are enriched by preparing the students to design small projects and presentations related to theory papers.

➢ **Employment Oriented Courses**
- Personality Development Programmes (PDP) are held to develop the communication and soft skills among the students.
- Lectures by the experts are also organized by CGC on Quantitative Aptitude and Mental Ability.
- CES offers training courses for competitive Examinations.

1.2.4 Does the institution offer self-financed programmes? If "yes", list them and indicate how they differ from other programmes, with reference to admission, curriculum, fee structure, teacher qualification, salary etc.

The Institution is an aided College, and therefore, all the programmes offered by the College are sponsored by UGC. Following programmes recognized by the UGC and affiliated with Madurai Kamaraj University, Madurai, are offered by the college.

➢ **List of Self- financed Programmes**

Our institution offers 17 self-financing programmes as detailed below

S. No	Course / Programme	Course / Programme Options
1	UG Degree -5 Courses	English, Information Technology, BCA, B.Com. with Computer Application and B.B.A.
2	PG Degree -4 Courses	English, Chemistry, Industrial Chemistry and Computer Science & Information Technology
3	M.Phil.- 5 Programmes	Commerce, Mathematics, Chemistry, Computer Science and English.
4	Ph.D- 3 Programmes	Commerce, Mathematics and Chemistry.

➢ **Admission**

90% of the students are admitted on merit under the Tamil Nadu Government Admission norms and the remaining 10% filled by the Management on merit basis.

➢ **Curriculum**

The curriculum is designed by the affiliating Madurai Kamaraj University, Madurai and implemented by the College.

1. Fee Structure

The fee structure recommended by the Madurai Kamaraj University, Madurai as applicable to affiliated institutions is charged from the students.

2. Teachers

Qualifications	:	As per the University norms.
Salary	:	As per the University norms.

1.2.5 Does the college provide additional skill oriented programmes, relevant to regional and global employment markets? If "yes" provide details of such programme and the beneficiaries.

➢ The College conducts Personality Development Programmes (PDP) which enhances the IQ level and communication skills of the participants.
➢ Language Lab is created for developing communication skill in English.
➢ The college also invites experts from Industry, University and other colleges and these provide regional and global employment opportunities for the students.
➢ Special classes are taken for communication skills taking into considerations the rural backgrounds of the students.
➢ The coaching for Civil Service Examination of the UPSC, Bank Exams, TET, C.A, MBA Entrance and NET/ SLET are also conducted for the students.

1.2.6 Does the University provide for the flexibility of combining the conventional face-to-face and Distance Mode of Education for students to choose the courses/combination of their choice" If "yes", how does the institution take advantage of such provision for the benefit of students?

Yes. Students can pursue dual degree courses through IGNOU and through Distance Learning Programmes in all Universities.

1.3 CURRICULUM ENRICHMENT

1.3.1 Describe efforts made by the institution to supplement the University's Curriculum to ensure that the academic programmes and Institution's goals and objectives are integrated

To integrate the academic programmes and Institution's goals, our College has taken the following initiatives to supplement the University's curriculum:

- Guest Lectures, Seminars, Workshops, Training Programmes and Industrial Visits are conducted to facilitate awareness of the current industry's demands.
- The Institution, as per the guidelines of the University, implements CBCS system at the UG and PG level by offering various opportunities to the students such as projects/dissertations, presentations, assignments, group discussions, seminars, written/oral tests, quizzes, etc.
- The College gives impetus on Spoken English and Computer Training classes to inculcate good communication and presentation skills in the students.
- Educational tours are organized to develop interpersonal relationships and to create awareness about the cultural heritage of our country.
- N.S.S. provides the social responsibilities and community orientation amongst the students.
- Quiz, Elocution, Essay and cultural competitions are conducted during the festival occasions and College Day for creative and all-round development of the students.
- Various short term courses are offered to the students as Add-on programmes to supplement the curriculum provided by the University so as to ensure employability to the students.
- The College academic calendar is prepared for every semester with the active involvement of the College Council Members.
- The College makes sure that the curriculum framed by the University is supplemented in such a way that it keeps in sight the Mission and the Vision of the College.
- Nature Club organizes awareness programmes on environment related issues.
- Red Ribbon Club functioning in the College takes up community services like blood donation.
- Debate and Oratory Club conduct debates on various contemporary issues.
- Communication Skills, Personality development, EOC and Computer Club promote the students' academic skills.

- Centre for Women welfare and Entrepreneurship Development (CWED) fosters entrepreneurial talents and promotes self employment opportunities among students.
- Yoga, Physical Education, Value Education, Moral Education are taught.
- Legal Literacy is provided through Legal Literacy Club.

1.3.2 **What are the efforts made by the institution to modify, enrich and organize the curriculum to explicitly reflect the experiences of the students and cater to needs of the dynamic employment market?**

The feedbacks from various stakeholders are communicated to the academic bodies of the University at the time of re-structuring the curriculum. Based on the feedback received from various stakeholders, the College makes efforts to impart additional in-house training programmes, workshops, seminars, short term courses like personality development and communication skills for the students so as to improve the skills and make them more employable.

The Placement Cell of the College regularly interacts with the Human Resource Managers of companies and collects first hand information about the demands and expectations of the corporate sector regarding skill requirements among the student sets. These demands of the companies are then communicated to the feedback committee which in turn formulates add-on courses like Certificate course in Medical lab technology, Entrepreneurship development and extra classes are then conducted to make up for the deficiencies in the students. Every year encouraging number of students is placed in various Companies in Chennai, Coimbatore, Cochin and Bangalore as well as in local industries.

To develop the required skills, brainstorming sessions are held for the faculty members to design the tools in the areas of Spoken English, use of Computers and providing in-depth knowledge in the respective areas. Under the guidance of various committees, special training and tailor-made orientations are conducted to enable the students to achieve the global standards. Computer labs are well equipped with latest computers. Internet facility is made available at the library, Seminar halls, computer labs and teaching departments. Interactive Boards, Computers and LCD Projectors have been used for effective academic delivery. All graduate programmes include one compulsory Fundamentals of Computer Course. This enables all graduates to be familiar with computer fundamentals which enhance employability.

1.3.3 **Enumerate the efforts made by the institution to integrate the cross cutting issues such as Gender, Climate Change, Environmental Education, Human Rights, ICT etc., into the curriculum**

The University constantly upgrades its curriculum to integrate the crisscrossing issues such as gender inequality, climate change, environmental education, Human Rights, ICT etc. The College, at its own level makes arrangements for external seminars and conferences where in experts from the above mentioned fields are invited to share their experiences and knowledge. Following are the efforts made by the College in this direction.
- The Women's Cell of the College organizes invited talks on women related issues such as early marriage, physical and psychological

- harassment, gender inequality in home and workplace , Women literacy and Menstrual hygiene
- Advocates from the Legal Advisory Cell deliver talks on Women's rights and Human rights.
- A course on Environmental Education has been taught to all Undergraduate students.

1.3.4 **What are the various value-added courses/enrichment programmes offered to ensure holistic development of students?**

- Moral and ethical values
- Employable and life skills
- Better career options
- Community orientation

The College offers various value added courses / enrichment programmes to the holistic development of students as mentioned below:

- Guest lectures by experts are organized to inculcate moral and ethical values in students.
- The Placement Cell of the College organizes various training programs for the students to increase their chances in global employability.
- The College offers Career Counseling for the students which give better opportunities for higher studies.
- The Department of English regularly conducts student seminars/ talks and trains the participants in presentation skills.
- The institution offers value added courses in computer awareness and computer hardware maintenance. These programmes ensure better career options to students.
- Students are also allotted different responsibilities in organizing various events and activities such as cultural programmes, competitions, seminars, workshops etc. In this way they improve their team building and organizational skills.
- The College NSS team visits surrounding areas and villages where people are provided awareness on various social, moral, ethical principles and ways of life.
- Students are encouraged to participate intercollegiate programmes organized by other colleges which provide them opportunity to interact with fellow students and assimilate new knowledge. Some of our students bagged prizes in Competitions.
- NSS & NCC students often support the police in traffic regulation and night patrolling in Bodinayakanur.
- Part V of the CBCS curriculum includes NCC / NSS /RRC / YRC.

1.3.5 **Citing a few examples enumerate on the extent of use of the feedback from stakeholders in enriching the curriculum**

The Institution informally interacts with various stakeholders such as students, alumni, faculty members and University Departments from time to time on various points like infrastructure, support facilities and academic improvements. The students express their opinion on curriculum through feedback mechanism. Oral responses are

also considered. Special formats prepared by IQAC are used for alumni and faculty members to register their views during interface meetings. The IQAC analyses the feedback and relevant feedbacks are informed to the University authorities during interface meetings (BOS, Academic Council, and Senate & Syndicate) of the faculty at the time of restructuring the curriculum.

1.3.6   How does the institution monitor and evaluate the quality of its enrichment programmes?

The Institution has a very clear and transparent way to monitor and evaluate the quality of various enrichment programmes initiated by it. The feedback in the form of interactions, discussions and suggestions is analyzed by coordinators and report is submitted to the Head of the Department. The IQAC under the leadership of Principal Dr. M. Rajarajan and IQAC Coordinator Dr. S. Sivakumar monitors and evaluates the efficiency and success of these enrichment programs. It meets with the higher authorities like Principal and the Managing Committee from time to time and modifies the enrichment programs to meet the desired objectives. The Institution makes sure that the programmes offered in the curriculum include contribution to national development, inculcating a value system among students, promoting the use of technology and quest for excellence. The college seeks to address the all-round development of the students enrolled in the various academic programs it offers.

1.4   FEEDBACK SYSTEM

1.4.1   What are the contributions of the institution in the design and development of curriculum prepared by the University?

Our College is a Government aided affiliated College of the Madurai Kamaraj University. The University designs and develops the curriculum of all the programmes. The faculty members attend workshops and seminars whenever there is revision of syllabus under modified Curriculum. The College forwards the suggestions of its faculty to the University through the members of Board of Studies. Details of Faculty who participated in curriculum development programmes of the University.

Sl. No	Name of the Staff	Member in
1.	Dr. M. Rajarajan Head, Department of Chemistry	Syndicate Madurai Kamaraj University, Madurai
2.	S. Poonkundran Department of Mathematics	Academic Council Madurai Kamaraj University, Madurai
3.	Dr. V. Balasubramanian Head, Department of English	Chairman for English (UG) & Ex officio member for P.G Board of Studies Madurai Kamaraj University, Madurai
4.	N. Sukumaran Department of English	Board of Studies in English Madurai Kamaraj University, Madurai
5.	A. Balasubramanian Department of English	Board of Studies in English Madurai Kamaraj University, Madurai
6.	Dr. K.Malaichamy Head, Department of Tamil	Board of Studies in Tamil Madurai Kamaraj University, Madurai
7.	R.Pandi Head, Department of Mathematics	Board of Studies in Mathematics Madurai Kamaraj University, Madurai
8.	Dr.P. Prince Dhanaraj Head, Department of Economics	Board of Studies in Economics Madurai Kamaraj University, Madurai
9.	Dr.M.Selvaraj Head, Department of Commerce	Board of Studies in Commerce Madurai Kamaraj University, Madurai
10.	Dr.A.Gnanasekaran Head, Department of History	Board of Studies in History Madurai Kamaraj University, Madurai
11.	Dr. C. Gopi Head, Department of Botany	Board of Studies in Botany Madurai Kamaraj University, Madurai
12.	Dr. S. Sivakumar Head, Department of Comp. Sci.	Board of Studies in Computer Science Madurai Kamaraj University, Madurai

1.4.2 Is there a formal mechanism to obtain feedback from students and stakeholders on Curriculum? If yes, how is it communicated to the University and made use internally for curriculum enrichment and introducing changes/new programmes?

Yes, the College collects feedback from students at the end of the Academic year and from parents at the time of Parent-Teacher Meetings. Such feedbacks are reviewed by HODs concerned and discussed at IQAC meetings. The outcome of the meeting is informally communicated to the University when staff members and the Head of the Institution interact with the Board of Studies meeting convened by the University and Evaluation Camps.

1.4.3 How many new programmes/courses were introduced by the institution during the last four years? What was the rationale for introducing new courses/programmes? (Any other relevant information regarding curricular aspects which the college would like to include.)

During the last four years four M.Phil. Programs, Three Post-Graduate programmes and three Undergraduate programmes are introduced and Two departments are recognized as Research departments by Madurai Kamaraj University.

Year	Programmes
2010-2011	B.A. English B.Sc.(IT) B.B.A.
2011 – 2012	M.Sc. Chemistry
2012 – 2013	M.Sc. Industrial Chemistry M.Phil. Mathematics M.A. English
2013 – 2014	M.Phil. Chemistry Ph.D. Mathematics Ph.D. Chemistry
2014 – 2015	M.Phil. Computer Science M.Phil. English

The rationale for introducing new course is as below:

- B.B.A and B.Sc. (IT) courses are started to provide greater and wider job opportunities for rural students in administrative discipline.
- Graduate and Post Graduate courses in English are started to cater to the emerging demand for conventional courses in Humanities which provide huge employment opportunities.
- Post graduate in Chemistry and Industrial Chemistry are job oriented courses.
- M.Phil. (Mathematics, Chemistry, Computer Science, and English) courses are started as pre research degree course. It facilitates the rural students to take up research in respective disciplines.
- Ph.D. Courses are introduced to develop research culture among the students of the rural and backward areas.

CRITERION II

TEACHING, LEARNING AND EVALUATION

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CRITERION-II

TEACHING, LEARNING AND EVALUATION

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2.1   STUDENT ENROLMENT AND PROFILE

2.1.1   How does the College ensure publicity and transparency in the admission process?

College follows a very transparent process in admission to all the aided and un aided Programmes. The Admission process is widely publicized to the community:

- by advertising in Newspaper, TV and FM Radio.
- by placing a banner at the College entrance and important junctions in and around Bodinayakanur town.
- on the College website http://www.cpacollege.org.
- by publishing Prospectus indicating the programmes offered and the eligibility criteria every year.
- the entire admission process is carried out transparently with the help of the Admission Committee under the chairmanship of the Principal.

2.1.2   Explain in detail the criteria adopted and process of admission (Ex. (i) merit (ii) common admission test conducted by state agencies and national agencies (iii) combination of merit and entrance test or merit, entrance test and interview (iv) any other) to various programmes of the Institution.

- Admission to all UG and PG courses are based on merit as per marks obtained in the qualifying examination as stipulated by the Tamil Nadu Government norms in the subject concerned following the reservation policy of Tamil Nadu government.
- The criteria for admission to all M. Phil and Ph. D courses are based on Merit.
- Entrance test and Interview are conducted as per UGC guidelines.

General Guidelines

- The Admission process is fully computerized. After entering the data from the received applications in the computer system, a computerized rank list is prepared for each course on the basis of marks obtained in the qualifying examination.
- The rank and selection list for all the courses are displayed on the college notice board
- The selected candidates are individually informed through a call letter
- The admission committee counsels the students in selecting their academic programmes.
- Finally the selected students and their parents meet the Principal for an interaction on the eve of admission.

2.1.3   Is there a mechanism in the institution to review the admission process and student profiles annually? If "yes" what is the outcome of such an effort and how has it contributed to the improvement of the process?

Yes. When the student admissions are over, a detailed review of the admission process is carried out and is placed before the Administrative Committee.

The review includes the entire admission process, application received, data entry, scrutiny of the applications, selection criteria, admission counseling, adherence to the government norms the difficulties faced and mechanism to address the problems.

The analysis indicates that the mechanism adopted in the above process is very helpful for a system and smooth conduct of the admission process.

2.1.4   Reflecting on the strategies adopted to increase/improve access for following categories of students, enumerate on how the admission policy of the institution and its student profiles demonstrate/reflect the National commitment to diversity and inclusion

- SC/ST/OBC Students: They are admitted as per the Tamil Nadu Government reservation policy and they are assisted in getting their scholarship in time. If the seats of this quota are vacant, then other general students will be admitted.
- Women: The college encourages admission of women candidates
- Differently abled: They are also admitted in the college and ramp facilities are arranged on the ground floor.
- Economically weaker students: Scholarships and fee concessions are provided for these students.
- Minority community: They are given admission against the minority quota.
- Any other:
  1. To encourage the best and bright students who are economically weak and are given special scholarship.
  2. Talented Sports and Fine Arts students are given priority in admission against the management quota.
  3. Lapsed seats are given to girls and economically weaker students

2.1.5   Furnish the number of Students admitted in the college in the last Five Academic years

Categories	2010-2011		2011-2012		2012-2013		2013-2014		2014-2015	
	M	F	M	F	M	F	M	F	M	F
SC/ST	38	23	53	39	44	40	24	38	20	34
MBC/DNT	49	33	33	49	19	39	46	50	42	52
BC	60	148	51	143	41	114	45	132	84	156
OTHERS	1	1	1	-	1	-	3	3	13	19
TOTAL	148	205	138	231	105	193	118	223	159	261

2.1.6. Has the College conducted any analysis of demand ratio for the various programmes offered by the college? If so, indicate significant trends explaining the reasons for increase / decrease.

Programmes	Number of applications received				Sanctioned Strength	Demand Ratio			
	10-11	11-12	12-13	13-14		10-11	11-12	12-13	13-14
UG(Aided)									
B.A. History	26	13	13	34	60	0.43	0.21	0.21	0.56
B.A. Economics	18	22	18	26	60	0.3	0.37	0.30	0.43
B.A. English	173	141	139	194	60	2.88	2.35	2.31	3.23
B.Sc. Mathematics.	56	50	84	76	60	0.93	0.83	1.4	1.26
B.Sc. Chemistry	47	49	42	60	40	1.18	1.23	1.05	1.5
B.Sc. Comp. Sci.	53	53	57	107	40	1.32	1.32	1.42	2.67
B.Com	180	175	194	187	64	2.81	2.73	3.03	2.92
UG(Self-Financed)									
B.C.A	26	17	41	29	40	0.65	0.43	1.03	0.73
B.Sc. Electronics	-	-	-	-	20	-	-	-	-
B.Com	43	58	77	88	64	0.67	0.9	1.2	1.37
B.Sc. IT.	-	13	15	18	40	-	0.33	0.38	0.45
B.A. English	42	77	42	75	60	0.7	1.28	0.7	1.25
B.B.A	5	21	6	27	40	0.12	0.52	0.15	0.67
PG(Aided)									
M.Sc. Mathematics.	10	25	28	28	40	0.25	0.62	0.7	0.7
M.Com.	38	39	35	25	40	0.95	0.98	0.86	0.63
PG(Self-Financed)									
M.Sc. IT	9	12	9	17	20	0.45	0.6	0.45	0.85
M.Sc. Chemistry	5	13	11	7	20	0.25	0.65	0.55	0.35
M.Sc. Industrial Chemistry	-	-	5	8	20	-	-	0.1	0.4
M.A. English	-	6	8	10	20	-	0.3	0.4	0.5

Trends in admission to the UG courses

- The demand for conventional courses like B.A. History and Economics is showing a rising trend
- B.Sc. Computer Science, Chemistry and B.Com are consistently in demand.
- The demand for B.Sc. Mathematics is showing an upward trend.
- The demand for B.A. English is showing an upward trend and hence an additional section has been introduced under self-financed category.

Trends in admission to the PG courses

- The demand for M.Sc. Mathematics and M.Com is consistent.

2.2 CATERING TO DIVERSE NEEDS OF STUDENTS

2.2.1. Orientation for freshers

The institution organizes orientation program for the freshers every year. Through the orientation program, the students are informed of the various facilities and the rules and regulations of the campus are highlighted. The other issues covered in the orientation programme are:

- College functioning
- Campus discipline
- Anti-ragging measures
- Introduction of various courses offered
- CBCS system
- NAAC Accreditation
- Scholarship.
- Bus timings for lady students.
- Examination system.
- Tour around the campus by a staff of the department concerned to introduce the various facilities available.

2.2.2 Does the institution assess the students' need in terms of knowledge and skills before the commencement of the programme? If yes, give details on the process

Yes, through the Bridge Intensive Course (BIC) students' knowledge and skills are assessed.

2.2.3 Bridge / Remedial / Add- on courses conducted

- The College conducts the Bridge Intensive Course for the freshers every year free of cost to improve their English, Mathematics, Sciences and General Studies. Study materials prepared by the College are given to the students.

Year	No. of Faculty Involved	No. of Students Benefitted
2010-2011	50	353
2011-2012	62	369
2012-2013	65	298
2013-2014	68	353
2014-2015	72	548

- Remedial coaching is arranged for slow learners. The institution conducts the remedial coaching with the financial assistance from UGC, New Delhi.
- The remedial programmes are conducted beyond regular class hours.
- The College Management helps conduct remedial classes for the students in the Self-financed streams without charging any fee.

Year	No. of Faculty Involved	No. of Students Benefitted
2010-2011	18	140
2011-2012	15	110
2012-2013	16	135
2013-2014	14	125

- Peer teaching and learning is also encouraged and practiced as a remedial measure.
- Writing practices are given to students to improve their skills in English.
- Concept clarifications and problem solving exercises are conducted for the slow learners by the mentor-teachers.
- All departments are offering Enrichment programmes with the aid of Management as listed below.

Department	Course	No. of Students Admitted
Tamil	Certificate in Folk Arts	59
English	Certificate in Spoken and Communicative English	53
Mathematics	Certificate in Mathematics for Competitive Examinations	47
Chemistry	Certificate in Processing of Consumer Products development	58
History	Certificate in Tourism	59
Economics	Certificate in Plantation management	41
Commerce	Certificate in Income Tax Law and Practice	52
Computer Science	Certificate in Photoshop	50
BCA	Certificate in Office Automation	49
BBA	Certificate in Entrepreneurship Development	56
Music	Certificate in Carnatic Music	58
Yoga	Certificate in Yoga	54

- Four departments are offering add-on courses with the financial support **of UGC(COP).**

Department	Course	No. of Students Admitted
Chemistry	Certificate Course in Medical Lab Technology	40
Chemistry	Certificate Course in Chemo Informatics	40
Chemistry	Certificate Course in Industrial Chemistry	40
Chemistry	Certificate Course in Environmental Chemical Analysis	40
History	Certificate Course in Human Rights Education	40
Mathematics	Certificate Course in LATEX	40
Commerce	Certificate Course in Small Scale Enterprises	40

2.2.4 Study on the incremental academic growth of different categories of students

The institution has a mechanism to monitor the academic progress of all the students as follows:

Disadvantaged section

- The Equal Opportunity Centre conducts regular sessions to motivate the students towards goal setting and higher achievements.
- The performance of the students belonging to the under privileged section of society in the University examination is analyzed and remedial measures are initiated
- The college ensures that all the underprivileged students avail of the scholarship from the Government departments.

Slow learners

- Slow learners are identified on the basis of their performance in the internal examinations.
- The faculty members take extra care to improve the academic standards of the slow learners so that they complete their courses within the stipulated period.
- Peer learning is carried out.

Differently abled students

- The differently abled students are given ramp facilities in all the buildings and their classes arranged in the ground floor.
- The institution motivates the other fellow students to take care of differently abled students in their campus life.
- Institution helps the differently abled students to avail themselves of various aids from the Government through the District Welfare Office for Differently Abled Persons, Theni.
- Battery operated as well as fuel operated vehicles are given to these students with the Government aid.
- A faculty member is nominated as co-ordinator exclusively to take care of the differently abled students.
- Reserved seats are available in the library for differently-abled students.
- Scribes are arranged for the visually challenged persons.
- The faculty member meticulously follows the performance of the differently-abled students and offers all sorts of help for their incremental academic growth.
- Economically disadvantaged students are provided with financial assistance and teaching aids with the help of Central and State Government Scholarships.
- During the Parent-Teacher meetings the performance of the students is discussed with the parents.
- The parents are informed of the marks scored by their wards and also the attendance earned by them.
- The representation of the parents regarding some special requirements of their ward is also taken into account for their academic improvement.

2.2.5 Identifying and responding to the learning needs of advanced learners

- Fast learners are identified on the basis of their academic performance.
- Fast learners in science are motivated to do student projects with the financial assistance of UGC and other funding agencies.
- They are encouraged to appear for National level scholarship tests: NBHM, DST etc.
- They are encouraged to prepare and present research papers in seminars and symposiums.
- The fast learners are given reference books for in-depth study.
- Fast learners are admitted in the CES and given special training through Quiz club and encourage them to participate in the State / National level competitions.
- Encourage them to participate in extension activities through NSS/NCC.

2.2.6 Catering to the needs of differently-abled students

- The institution appoints one permanent faculty member as the Co-ordinator for looking after the needs of differently-abled students.
- To minimize the inconvenience of the differently abled students, the institution has special infrastructure like wheel chair and ramps.
- The institution arranges to provide them with specially designed vehicles for convenient transportation.
- The institution has a good liaison with the District Co-ordinator for Differently Abled Students so that all the Government welfare schemes are easily availed by the students.
- Scribe assistance is provided to the visually challenged students for both Internal and External examinations.
- Reserved seats are allocated in library for differently abled students.
- Classes are arranged on the ground floor.

2.3 TEACHING LEARNING PROCESS

The potential and preparedness of the learners, the skill and knowledge of the teachers are the two aspects of a teaching learning process. To achieve the teaching objectives, the teachers adopt different strategies like group discussion, seminar presentation, ICT based lecture methods. The ultimate aim is to make the learning process highly student-centric and an enjoyable experience.

2.3.1 Planning of teaching, learning and evaluation schedules

- During the commencement of each academic year, the Academic Committee prepares the academic calendar.
- The academic calendar highlights the plan of academic events during the year.
- The academic calendar consists of the details regarding the schedule of internal examinations, seminars, submission of assignments, payment of fees and other important events of the college including College Annual Day and Sports Day.
- The dates for various events presented in the calendar are rarely changed. The college academic calendar is published in the college website for easy access to the students.

- Teaching hours are fixed for every unit in the syllabus. Teachers are strictly instructed to adhere to the time schedule. The Heads of the Departments ensure that the same is adhered to.
- The syllabus to be covered for the internal examinations is earmarked well in advance.
- The internal examinations are scheduled taking into account the time required for the completion of the syllabus fixed for the examinations.

2.3.2 Course outlines and course schedule

Since the college is affiliated to Madurai Kamaraj University, we are following the curriculum designed by the University.

2.3.3 Paradigm shift in Teaching

- The traditional teaching method of chalk and talk is predominantly used in all lecture classes.
- The lecture sessions are adequately supplemented by modern electronic teaching gadgets.
- For effective class room teaching smart interactive boards are used.
- Our library is fully equipped, keeping pace with the latest trends. It has many e-resources with e-journals and databases for the use of the students.
- A 24 hour high speed internet facility is available in all departments.
- Sophisticated and well equipped laboratories in the campus invigorate the students to do research.
- Interactive and participatory approach is adopted by the teachers to make the learning student-centric.
- Through seminars, debates and group discussions, students are encouraged to practice individual and collaborative learning.
- Well-equipped English Language Lab (ELL) and Mathematics Lab make learning a pleasant experience.
- Students are taken to Industries, Research Institutes, Universities and Field visits to expose them to the latest developments in their discipline.

2.3.4 Student centric learning

- The conventional teacher centric learning is gradually moving towards student centric learning in the campus.
- Through interactive teaching, students are also made an important component in learning process.
- Individual assignments are given to students to encourage student centric learning.
- Free internet facilities, large number of group discussions and seminars, quiz programs, and easy access to libraries help the students for independent learning.
- Peer learning also encourages the students to acquire knowledge independently.

2.3.5 Inviting academic experts

- National Seminars / Workshops are conducted with funding from UGC, DST, CSIR, DRDO and TNSCST to invite experts from IITs, IISc, Central and State Universities.
- All the departments are given full freedom to invite academic experts from outside to share their expertise for the benefits of the academia.
- The Management provides liberal funding for organizing academic activities.
- Utilizing the UGC grant, guest lectures are arranged by all departments.
- Many Departments generate fund for themselves to invite eminent academicians to interact with students.
- A comprehensive list of these events is documented in the Internal Quality Assurance Cell.

2.3.6 Technology and effective teaching

- All departments are facilitated with ICT enabled teaching.
- All departments are provided with smart class room and internet connectivity.
- Interactive smart boards are also used as a device of modern teaching.
- Education software packages are used in teaching and research.
- ELL is used for improving the language skills of the students.

2.3.7 Provisions for services of counselors/advisors /mentors

- Student mentor system is followed in our institution.
- Mentor keeps a close watch on the academic performance and general behavior of their wards to maintain discipline on the campus.
- To create health consciousness among rural girl students, the institution organizes periodical health counseling.
- Student counseling cells are functioning for guiding the students to move on the right track.
- Services of professional counselors are also used to meet the specific needs of student community meaningfully.

2.3.8 Recognition for innovative teaching

- The institution has gradually introduced ICT enabled teaching in all the departments. Majority of our rural based students are sensitized to e-learning process.
- Students are given free access to computers with internet connection.
- Students are encouraged to adopt self–learning as a process of construction of knowledge.
- To make the class room learning a real life experience, students are taken to field visits.
- The effectiveness of innovative teaching is assessed through students as well as peer evaluation.

2.3.9 Instilling and nurturing creativity and scientific temper

The college has taken special efforts to instill and nurture the creativity and scientific temper among the students through the following opportunities:

- Academic projects
- Field work
- Seminars
- Science Day Celebration
- Creative assignments
- Comparative studies
- Inter-collegiate competitions
- Academic club activities
- Quiz club
- Youth festival
- Cardo-Comp
- Festival celebrations
- Exhibition
- College annual magazine
- Wild life week celebration

2.3.10 Research Culture

To imbibe research culture project work has been mandatory for the following Courses

- PG Courses

  1. M.Sc.(CS &IT)
  2. M.Sc.(Chemistry)
  3. M.Sc.(Industrial Chemistry)

- UG Courses

  1. B.Com(Computer Application)
  2. B.Sc.(Computer Science)
  3. B.C.A
  4. B.Sc.(IT).
  5. B.B.A.

Business Administration, Commerce with computer Applications and Information Technology students undergo institutional training and carryout projects with assistance of the faculty and the companies.

The External institutions / industries associated with the college for institutional training and projects are:

Department of Business Administration (In-plant training)

Sl. No.	Company Name & Address
1.	Theni Guru Krishna Textile Mills(P) Ltd. Theni.
2.	Shri Renuga Textile mills, Theni.

Department of Computer Applications& Information Technology (For Projects)

Sl. No.	Company Name & Address
1	ESPE e-solution Pvt. Ltd. Chennai.
2	Global Techno Solution, Madurai.
3	Genuine Technologies, Theni.
4	Star Tech, Madurai.
5	One for all, Theni.

Department of Commerce (For Institutional Training)

Sl. No.	Company Name & Address
1.	Shri Renuga Textile mills, Theni
2.	Aravind Eye Hospitals Theni
3.	Theni Gurukrishna Textile Mills(P) Ltd.Theni.
4.	Nishakissan Spinning Mills, Aundipatty.
5.	Sri Saraswathi Textiles , Theni
6.	Tajmahal Paper Cup Makers, Bodi
7.	Amul Ice-creams- Theni
8.	Eastern Condiments (P)ltd, Theni
9.	Elumalayan Gas Company, Bodi
10.	Anna Co-operative Spinning Mill Ltd. Theni
11.	Krishna Gas Agency, theni.
12.	City Medicab, Bodi.
13.	Eastern Condiments Pvt. Ltd., Theni.
14.	Sanwa Synergy Holding India Pvt. Ltd.

Department of Chemistry (For Institutional Training)

Sl. No.	Company Name & Address
1.	Ms. A. Alamelu II M.Sc, Chemistry attended a summer research fellowship programme (Application Id : CHES 101) at Bhabha Automic Resaerch Centre Mumbai, 2014.

Department of Mathematics (For Institutional Training)

Sl. No.	Company Name & Address
1.	P. Krishnapriya attended Training Course on Mathematics at Ramanujam Institute for Advanced studies in Mathematics(RIASM), University of Madras, Chennai.-2013
2.	M. Brasannadevi attended Training Course on Mathematics at Ramanujam Institute for Advanced studies in Mathematics(RIASM), University of Madras, Chennai.-2013
3.	S.A. Sabaridevi attended Training Course on Mathematics at Ramanujam Institute for Advanced studies in Mathematics(RIASM), University of Madras, Chennai.-2014
4.	R.Syamaladevi attended Training Course on Mathematics at Ramanujam Institute for Advanced studies in Mathematics(RIASM), University of Madras, Chennai.-2014

Department of Computer Science (For Institutional Training)

Sl. No.	Company Name & Address
1.	Global Techno Solution, Madurai.
2.	Genuine Technologies, Theni.
3.	Star Tech, Madurai.
4.	ESPE e-solution Pvt. Ltd. Chennai

Role of Faculty in facilitating such projects

- Faculty guides the students in designing, planning, organizing, undertaking and reporting the project works**.**
- Assist the students in preparation of Power Point Presentations(PPT)
- Motivate the students into furthering his / her research.
- Give technical guidance in gadgets operation
- Enabling their placements

2.3.11 Computer Aided Teaching

- The institution has arranged a series of programmes to train the faculty in computer aided teaching.
- Access to computer, internet and computer aided software is made available at department level.
- The college has a network of about 100 computers with high configuration
- Uninterrupted power supply is available round the clock.
- Two air-conditioned multi-media Hall are available for organizing conferences and seminars.
- The institution has a Multi Media Lab (MML).
- The institution subscribes to many e-journals.

2.3.12 Mechanism of evaluation of teaching

- The institution follows the procedure of getting feedback on teaching and learning from the students.
- Comprehensive feedback is analyzed by a peer team of experts.
- On the basis of evaluation, the Principal and Management take necessary steps for further improvement.
- The Management never fails to appreciate the best performing teachers.

2.3.13 Institutional approach to ensure curriculum completion

- The institution has an inbuilt mechanism to ensure the completion of curriculum.
- The college prepares a comprehensive academic calendar for the entire academic year well in advance.
- Department level periodical meetings are arranged to review the completion of curriculum.
- The academic plan is closely monitored by the competent authorities.
- The long absence of teachers on medical or personal ground is a real challenge faced by the institution in completion of curriculum within the time frame. In such cases, the management arranges substitute faculty to complete the curriculum.

2.3.14 Augmenting teaching and learning through library

The library provides the teachers and the students with the access to books and journals.

- The institution has a General library with more than 21,717 books.

- Department (PG and Research) level libraries are also functioning to cater to the immediate needs of teachers and students.
- UGC and DST grants are utilized for purchasing books.
- The college has a well stacked book bank reserved for the underprivileged students.
- The library has a separate back volume section for reference.
- Library is automated and bar-coded technology is implemented.
- Inter-library lending facilities are available to help the teachers and students.
- The Library functions on all working days except Sundays and government holidays.
- On all working days the library functions late in the evening up to 7 pm.
- The utilization of library is well documented.
- To promote the interest among the students to use library resources in a better way, Library Club is formed and Library Week is also celebrated.
- Book exhibitions are arranged to facilitate the teachers to select books of their choice.
- Every year awards for the best 3 library users are given to promote effective utilization of library.
- National level peer reviewed Research Journals are subscribed for Research Departments.
- A separate section for Research Thesis / Dissertation / Project Report is available.

2.3.15 Monitoring, evaluating and reporting the quality of teaching

- Evaluation of the quality of teaching, teaching methods and class room environment is done through the feedback from the students submitted at the end of each year. The quality of teaching is reflected in the performance of the taught.
- The Internal and External Examinations are the indicators of the quality of teaching.
- The Principal and Heads of Departments monitor the teaching within the classroom.
- Observations made by the parents on the quality of teaching, teaching methods and class room environment during the Parent Teachers Meet are also seriously considered.
- The Staff members also give suggestions for the betterment regarding class room environment.
- Academic audit is also another routine activity in every academic year to evaluate the quality of teaching.

2.4 TEACHER QUALITY

The brick and mortar alone cannot make an institution a true abode of learning. It is the teachers who instill life into it. To supplement this, the college encourages, motivates and facilitates the teaching fraternity to enrich their wisdom of knowledge. The institution believes "A candle cannot light another candle unless it keeps its own flame burning".

2.4.1 Faculty strength

The government has sanctioned 54 full time and 1 part time teaching posts for the aided stream. Out of which 43 full time posts have been filled by the government. All the teachers under self-financed stream are appointed by the Management. The details of the staff strength are shown in the following table:

Aided			Self-Finance	
No. of posts Sanctioned by the Government	Filled by		Full-Time	Temporary
	The Government	Management		
53 + 1(Part time)	43	10 + 1 (Part-time)	51	-

2.4.2 Selection of faculty members

- The college advertises for the available vacancies in the newspapers, mentioning the eligibility criteria stipulated by the UGC.
- The list of eligible candidates is also received from the employment exchange of the State.
- A Selection Committee is formed as per the state government and UGC norms.
- The duly constituted selection committee prepares a list of interviewed selected candidates in the order of priority
- The College Committee appoints the teachers on the basis of the recommendations of Selection Committee.
- The appointment so made should be approved by the University and Directorate of Collegiate Education.
- A separate Selection Committee is constituted by the Secretary and Correspondent to recruit teachers for self-financed courses.

2.4.3   Category wise details of the faculty are shown in the following table:

Strength of Teachers under Aided Courses

Highest Qualification	Principal		Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	Male	Female	
Ph.D.	1	-	14	-	5	-	20
M.Phil.	-	-	12	1	3	5	21
PG	-	-	-	-	1	1	02

Strength of Teachers under Self-financed Courses

Highest Qualification	Principal		Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	Male	Female	
Ph.D.	-	-	-	-			
M.Phil.	-	-	-	-	20	22	42
Substitute teachers working in Aided Programmes							
Ph.D.	-	-	-	-	1	1	2
M.Phil.	-	-	-	-	6	4	10

2.4.4 Completion of qualifying examination by faculty members

- Twenty one faculty members from aided stream and two faculty members from self-financed stream have qualified themselves for Ph.D. degrees.
- Another 10 teachers from both the aided and self-financed stream are in the verge of completing their Ph.D. Degrees.
- Six staff members from aided stream and Five staff members from self-financed stream have passed UGC-CSIR/NET/SET Examinations.

2.4.5 Diversity in Faculty Recruitment

Department	% of faculty who are the product of the same College	% of faculty from other Colleges within the State	% of faculty from other States
Tamil	-	100	-
English	30	70	-
Mathematics	30	70	-
Chemistry	50	50	-
History	50	50	-
Economics	-	100	-
Commerce	20	80	-
Computer Science	-	100	-
Physics	-	100	-
Botany	-	100	-
Library	-	100	-
Physical education	-	100	-
Computer Application	60	40	-
Commerce(SF)	100	-	-
Business Administration	80	20	-
Information Technology	60	40	-
English(SF)	50	50	-

2.4.6 Qualified and competent teachers

- The college has the required number of qualified and competent teachers to handle the courses in all the departments.
- During the assessment period 13 appointments were made in the aided stream.
- 50 teachers have been appointed in the self-financed stream in the last four years.

Appointment of faculty

Year	No. of faculty appointed
Appointment of faculty in the Aided stream	
2010-2011	2
2013-2014	4
Total	**13**
Appointment of faculty in the Self-financing stream	
2010-2011	7
2011-2012	6
2012-2013	7
2013-2014	10
Total	**51**

- Due to inordinate delay from the Government of Tamil Nadu in approving the appointments in the vacancies caused by retiring teachers, the management has filled in those vacancies as detailed below. The arrangement is made to ensure undisturbed academic delivery to the students.

Year	No. of faculty appointed
Self-Financed teachers appointed in Aided Programmes	
2010-2011	8
2011-2012	9
2012-2013	10
2013-2014	11
2014-2015	12
Total	50

2.4.7 Visiting Professors

- There are a few visiting professors on the roll of the institution.

S. No	Name of professors	Designation
1.	Dr. T. K. Ganesan	Associate Professor &Head Department of Chemistry The American College Madurai
2.	Dr. S. Suganthi	Associate Professor &Head Department of Chemistry Thiagarajar College Madurai
3.	Dr. Lellis Dhivagar	Professor & Head School of Mathematics Madurai Kamaraj University, Madurai.
4.	Dr. Pasupathy	Associate Professor Department of Commerce Vivekananda College Thiruvedagam
5.	Dr. M. Vankatraman	Principal Head of the Dept. of History Raju's College Rajapalayam.
6.	Dr. R. Dhayalakrishnan	Assistant Professor of English DDE, Madurai Kamaraj University, Madurai.

2.4.8 Faculty recharging

- The institution organizes intensive Faculty Orientation Programme for fresh faculty members.
- Faculty Development Programs are arranged in the campus for the benefit of the teachers.
- Teachers are encouraged to attend the Orientation / Refresher courses conducted by the Academic Staff Colleges of various Universities in and around the State.
- Each Department organizes seminars / workshops every academic year.

- Management provides generous financial assistance to teachers to participate in the International / National / State level seminars.
- As a part of faculty recharging, teachers are encouraged to organize National / International conferences.
- Cluster Department and Cluster College activities are encouraged.

2.4.9 Awards for recognition for excellence in Teaching / Research

- Dr. M. Rajarajan, Principal Received the Meritorious services award from the VICE-Chancellor of Madurai Kamaraj University in 2013-2014.
- Dr. S. Maria John, Associate Professor of Commerce, received the Rajiv Gandhi Award for his contribution in Education at Bangalore in the year 2013-2014.
- Dr. P. Prince Dhanaraj received the Research Associate award from Indian Institute of Advanced studies, Shimla.

2.4.10 Faculty Development Programmes

The college arranges training programmes for the teachers to take initiatives to learn the latest developments, to innovate and improvise their work and strive for individual and institutional excellence. The details regarding the number of faculty members who participated in various faculty development programmes conducted by the institution and other Universities and Colleges during the last four years are furnished below:

Academic Staff Development Programmes	Number of faculty			
	2010-11	2011-12	2012-13	2013-14
Orientation programmes	1	-	1	1
Refresher Course	6	2	5	5
Staff Training Conducted by University / Institutions	-	-	1	1
Any Other (Mentor Care)	-	-	-	-

2.4.11 Faculty participation

Percentage of the faculty invited to act as resource persons in Workshops / Seminars Conferences organized by external professional agencies.

Resource persons in Workshops / Seminars / Conferences

YEAR	2010-2011	2011-2012	2012-2013	2013-2014
Number of Faculty Participated as Resource Person	05	12	12	14

The following is the table that shows the percentage of the faculty participated and presented papers in Workshops / Seminars / Conferences recognized by National / International / Professional bodies.

Year	National Level Seminars/ Conferences/Workshops				International Level Seminars/ Conferences/Workshops			
	Paper presented		Participated		Paper presented		Participated	
	No. of Teacher	% of Teacher	No. of Teacher	% of Teacher	No. of Teacher	% of Teacher	No. of Teacher	% of Teacher
2010-11	10	35	10	35	2	35	2	35
2011-12	17	40	17	40	17	40	17	40
2012-13	20	47	20	47	20	47	20	47
2013-14	24	56	24	56	24	56	24	56

2. 4.12 Enrichment of teaching learning process

- Innovation in teaching makes learning an enjoyable experience to students.
- All departments organize national / international level / workshop as a part of the accomplishment of their academic calendar.
- The ICT based teaching help the faculty better equipped for easy transformation of knowledge.

2.4.13 Teaching innovations

- During the last four years, the institution has introduced ICT enabled teaching. This makes teaching and learning more fascinating.
- The interactive smart boards are also used as a tool for innovation in teaching.
- Various teaching pedagogy such as communication games, focused group-discussions and debates are applied in teaching.
- The ELL is used to enhancing language skills.
- Audio visual aids are supplemented to class room teaching. The Management through various incentives recognizes and appreciates the teachers for their innovations in teaching.
- The college also institutes the Best Teacher Award to honor the most innovative teacher every year.

2.4.14 Mobility of faculty

The college has a mechanism for mobility of faculty members within the state, subject to the rules and regulations of the Government of Tamil Nadu.

Dr.P. Prince Dhanaraj Associate Professor & Head, Department of Economics went on lien as Controller of Examination of Periyar University, Salem during 2011-2013.

2.5 EVALUATION PROCESS AND REFORMS

2.5.1 How does the institution ensure that the stakeholders of the institution especially students and faculty are aware of the evaluation processes?

- The evaluation methods are communicated to the students through orientation for first year students and in the College Hand book.

- The previous University examination Question papers and model papers are made available to the students in the library and departments.
- The students are informed of class tests and assignments and their scores are displayed on the notice boards of the respective departments.
- Students are also informed of the schemes of evaluation, updates on curriculum revision, alterations in the question patterns and do's and don'ts during practical examinations.
- The University gives training programmes on scheme of examination and changes in the evaluation strategies every academic year in selected centers, and the information collected from there are disseminated to the faculty members and students.
- Model examinations are conducted before the University semester examinations to prepare the students to face the examinations with confidence.

2.5.2 What are the major evaluation reforms of the University that the institution has adopted and what are the reforms initiated by the institution on its own?

- Madurai Kamaraj University has introduced the system of making photocopy of the answer sheets available to the students on revaluation by charging some fees.
- The college has initiated the system of Continuous Evaluation where the faculty members evaluate and assess the students on the basis of his/her performance throughout the semester/year.
- The process of tabulation of marks is computerized, and displayed on the notice boards of the respective departments.
- Complaints if any are examined by the Students' Grievance Redressal Cell and recommendations are made to the departments concerned for rectification if required before they are forwarded to the University.
- Students' achievement is evaluated on the basis of attendance, academic and extra –curricular activities.

2.5.3 How does the institution ensure effective implementation of the evaluation reforms of the University and those initiated by the institution on its own?

- Being an affiliated college, it follows the rules prescribed by the University in connection with the implementation of evaluation reforms.
- The evaluation reforms are implemented promptly in the college. The faculty members continuously evaluate the performance of students throughout the year.
- The Principal of the college monitors the conduct of internal assessment in association with the heads of the departments.
- PTA meetings have been regularly conducted to study the progress of the students' attendance and any other important matters are intimated to the parents in the presence of the students.
- Periodical Examinations are conducted for the students and they are evaluated by the respective staff members.
- Staff in-charge of the classes gives special counseling for the weak students in the subject through tutorial system.

2.5.4 Provide details on the formative and summative assessment approaches adapted to measure student achievement. Cite a few examples which have positively impacted the system.

- Each department conducts unit tests, assignments, quiz, seminar presentations and viva voce as part of the formative evaluation of the assessment programme in the college.
- As a result of this formative evaluation, the students can face the examinations without fear and can gather thorough understanding of the subject.
- As for the practical examinations, sufficient exposure to the examination is provided by the departments concerned and it is helpful to the students to perform well during the University examinations.
- At the end of each semester, model examinations are conducted to formulate a summative evaluation, and based on the results, students take necessary corrective steps in the preparation for the University examination.
- As all the students attend these examinations compulsorily, they receive proper feedback from the teachers on their performance.
- The Student Data Card (SDC) is maintained to record the progress of the students and they are advised and counselled accordingly.
- ELL has been set up to improve and measure the communication skill of the students.

2.5.5 Detail on the significant improvements made in ensuring rigor and transparency in the internal assessment during the last four years and weightages assigned for the overall development of students (weightage for behavioral aspects, independent learning, communication skills etc.,)

- Students are exposed to various seminar / workshop and cultural activities.
- Students are encouraged to make seminar presentations.
- Individual assignments are given to students to encourage independent learning.
- Students are encouraged to participate in Group discussions in current and general topics.
- Student is encouraged to develop leadership skill through Personality Development Programme (PDP).
- Students are trained through Mock interviews for placements.
- Class attendance is monitored to develop punctuality in them.
- Cardo-Comp competitions are instituted to develop the communication skill, organizational skill and team spirit of the students.

2.5.6 What is the graduate attributes specified by the college/ affiliating university? How does the college ensure the attainment of these by the students?

Vision: "Established with a view to propagating the fragrance of higher education, our institution strives for academic learning on a sound footing, intellectual

substance on a wider platform, strong moral fibre on a solid base and an extensive and profound humane vision as the cornerstone of culture".

- The college has laid out in its vision the attributes of a good graduate.
- Graduates are trained to acquire sufficient knowledge of their respective subjects.
- They are encouraged to be responsible citizens capable of discharging their duties and be able to lead a life of fulfillment and contentment.
- They are encouraged to be patriotic and accountable to the society.
- The college provides all support to attain these attributes.

2.5.7 What are the mechanisms for redressal of grievances with reference to evaluation both at the College and University level?

- Since all the programmes are evaluated by the University, any grievances related to University is directly referred to and in turn attended by the University.
- Transparency in evaluation is maintained by the University in re-totalling and revaluation.
- Students also have the right to get their papers re-evaluated by paying the required fees in the University.
- For internal evaluation done in the college, the students can represent the matter to the HOD/Principal and get it corrected.

2.6. STUDENT PERFORMANCE AND LEARNING OUTCOMES

2.6.1 Does the college have clearly stated learning outcomes? If yes give details on how the students and staff are made aware of these?

Yes, Learning outcomes expected
- Problem solving skill
- Communication skill
- In depth subject knowledge
- Reasoning skill
- Inter personal skill

The awareness has been made through
- Orientation programme
- College hand book and Website
- UGC sponsored Career Guidance Cell.
- UGC sponsored Centre for Entry in Services.
- Bridge Intensive Course.

2.6.2 How does the institution monitor and ensure the achievement of learning outcomes?

- Assessment of the students by way of University semester examination results and College Internal examinations.
- Meritorious students get placement in various companies/institutes.

- Good students are awarded gold medals and proficiency prizes in the College.
- Many students get University Ranks and are felicitated in the college day function.

2.6.3 How does the institution collect and analyze data on student performance and learning outcomes and use it for planning and overcoming barriers of learning?

- Feedback obtained from the students for assessment.
- Assessment through feed back by external experts who are conducting PDP and placement training.
- Students' performance based on University results is analyzed.
- Weak students are given remedial coaching on evening hours.

2.6.4 Enumerate on how the institution monitors and communicates the progress and Performance of Students through the duration of the course/programme? Provide an analysis of the Students results/achievements (Programme/course wise for last four years) and explain the differences if any and patterns of achievement across the programmes/courses offered.

Programme wise Pass Percentage for the past four years

Sl. No.	Department	2010-2011	2011-2012	2012-2013	2013-2014
1.	B. A. English	76.31	90.62	78.78	86
2.	B.A. History	71.42	72.72	78.94	80
3.	B.A. Economics	47.05	85.18	80.76	93
4.	B.Com.	80	85.50	76.11	87
5.	B.Sc. Mathematics	90.62	84.16	82.5	84
6.	B.Sc. Chemistry	83.33	86.19	86.94	88
7.	B.Sc. Computer Science	92	96.29	96.55	92
8.	B.Sc.(Electronics)	42.85	88.88	-	-
9	B.A English(SF)	-	-	-	85
10.	B.C.A.	72.72	92.68	72.22	79
11.	B.Com(SF)	58.53	74.46	76	87
12.	B.Sc. Information Technology	-	-	-	92
13.	B.B.A.	-	-	100	80
14.	M.Sc. Mathematics	92.30	73.68	73.63	74
15.	M.Com.	60	66.66	63.63	73
16.	M.Sc. Information Technology	90	100	100	100
17.	M.Sc. Chemistry	-	-	70	71
18.	M.Sc. Industrial Chemistry	-	-	-	75
19.	M.A. English	-	-	-	70
20.	M. Phil. Commerce	100	100	100	100
21	M. Phil Mathematics	-	-	100	100

The overall pass percentage of the UG and PG courses for the past four years is shown in the following table:

Courses	2010-2011	2011-2012	2012-2013	2013-2014
UG	78	81	84	90
PG	67	87	89	92
M. Phil.	100	100	100	100

Overall Pass Percentage of UG / PG / M. Phil. Students for the past four years

Overall Students Pass Percentage for the past four years
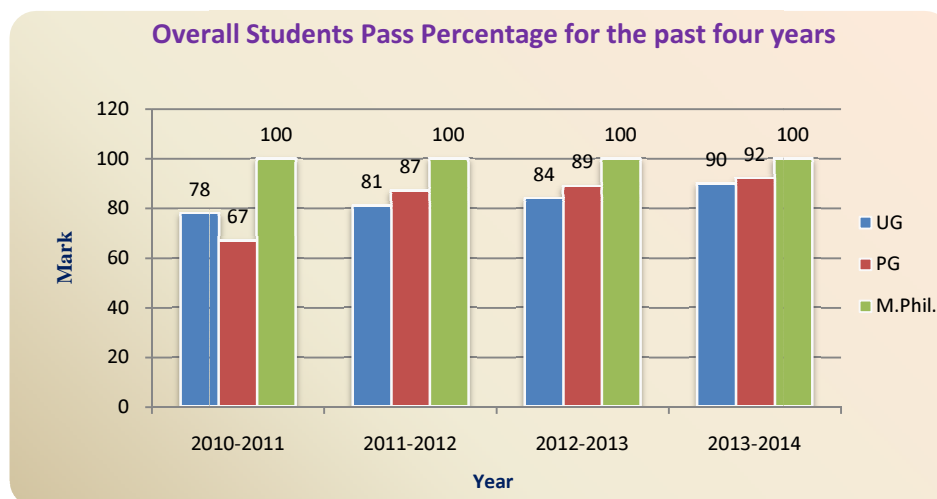
- The Results are displayed in the notice board.
- Communicated to the parents by mentors.

List of University Rank Holders

Sl. No.	Year	Register No.	Subject	Course	Name	Rank Secured
1	2009-10	A7300002	Economics	B.A. Economics	B. Bhuvaneswari	IV
2	2009-10	A7100122	Mathematics	B.Sc. Mathematics	K. Selvarani	XII
3	2009-10	A7100121	Mathematics	B.Sc. Mathematics	T. Saranya	XVII
4	2009-10	A7100121	Part I Tamil	B.Sc. Mathematics	T. Saranya	II
5	2009-10	A7300216	English	B.A. English	K. Sakthisalini	IV
6	2010-11	A8230203	Part I Tamil	B.A. English	D. Kalaivani	VI
7	2010-11	A8230213	Part I Tamil	B.A. English	M. Rekha	X
8	2010-11	A8230215	Part II English	B.A. English	M. Sahana	II
9	2010-11	A8230207	Part II English	B.A. English	M. Meenadevi	V
10	2010-11	A8230213	Part II English	B.A. English	M. Rekha	VI
11	2010-11	A8230207	English	B.A. English	M. Meenadevi	III
12	2010-11	A8230213	English	B.A. English	M. Rekha	IV
13	2010-11	A8510032	Commerce	B.Com. (C.A)	C. Pandi	III
14	2011-12	A9110425	Part I Tamil	B.Sc. Mathematics	R. Selevavigneshwari	VI
15	2011-12	A9110404	Part II English	B.Sc. Mathematics	M. Brasanna devi	V
16	2011-12	B0610002	Commerce	M.Com.	K. Gayathri	IV
17	2011-12	A9210136	Part I Tamil	B.A. English	K. Vinothini	IV
18	2013-14	B2713252	Mathematics	M.Sc. Mathematics	M. Brasanna devi	II

CRITERION III

RESEARCH, CONSULTANCY AND EXTENSION

RESEARCH, CONSULTANCY AND EXTENSION

3.1 PROMOTION OF RESEARCH

Cardamom Planters' Association College takes all initiatives to increase the involvement of teachers in research.

3.1.1 Research Committee

- The College has a research committee to facilitate, monitor and encourage research activities.
- The Principal is the Chairman of the committee.
- A faculty member who has been actively engaged in research is appointed Coordinator exclusively for the promotion of research.
- The research committee comprises five faculty members representing all the research departments.
- The research committee organizes frequent meetings to encourage staff and students in research.
- Research project proposals submitted by faculty member are fist structured by research committee then sent to various funding agencies.
- Many of the recommendations made by the research committee are implemented.

Highlights of the recommendations and initiatives for research

- The Management encourages the teachers by giving cash incentives for receiving research projects and publishing research papers.
- Travel grants are given to teachers for presenting research papers in the international conferences.
- The institution provides advance money for pursuing the sanctioned project, without waiting for the release of funds.
- Special training is given to the newly recruited teachers to enlighten them on research techniques and thesis writing process.
- Students are highlighted about original and diversified thinking avoiding Plagiarism.

Impact

- The sustained efforts of research committee resulted in the substantial increase in research related activities.
- A number of minor and major research projects sanctioned by UGC, DST and other funding agencies has increased considerably over the last four years.
- As of now major research projects and minor research projects are underway.
- Three departments (Commerce, Mathematics and Chemistry) are approved by Madurai Kamaraj University as research centres.

Impact of research promotion activities

Cycle	Aided Staff			Self-financed Staff		
	Ph.D.	M. Phil.	PG	Ph.D.	M. Phil.	PG
1	21/48	19/48	08/48	0/28	10/28	18/28
2	20/43	21/43	2/43	2/51	25/51	24/51

Cycle	Aided Staff %			Self-financed Staff %		
	Ph.D.	M. Phil.	PG	Ph.D.	M. Phil.	PG
1	44%	40%	16%	0%	36%	64%
2	46%	49%	5%	4%	49%	47%

Cycle	Number of Projects from Funding agencies			Number of Conferences/ Seminars organized			Other Research Funds generated from funding Agencies		
	UGC	DST	CSIR	UGC	DST	CSIR	FIST	ICSSR	DBT
1	2	1	1	2	1	-	-	1	-
2	3	1	-	5	2	2	1	-	-

3.1.2 Policy to promote research culture

- The college promotes research to explore new avenues of knowledge to instill research culture in the campus
- The institution strongly believes that the research and teaching should go hand in hand for knowledge accumulation.
- The institution encourages all departments to become excellent centres of research.
- The faculty members are encouraged to avail FDP to pursue Ph.D. programmes.

3.1.3 List the Prioritized research areas and expertise available with the College

The areas of expertise available in the campus in different departments are mentioned in the following table

Faculty expertise in the Campusartm

Department	Prioritized research areas	Areas of expertise
Commerce	Marketing management	Marketing Analysis and strategies Studies on Production and Marketing of various cereals, fruits, vegetables and Spices.
Mathematics	Stochastic Models Fuzzy sets and systems	Operations Research- Inventory Control. Queuing systems.
Chemistry	Nano-Chemistry Synthetic Organic Chemistry	Nano-Photo catalysis Nano-Sono Photo catalysis Drug delivery Synthesis and Biomedical applications of various Nano-particles.
Computer Science	Image Processing Cloud Computing, Data Mining	Image reconstruction, segmentation Resource allocation Security analysis.
Botany	Medicinal Plant Research	In-vitro studies on micro propagation and secondary metabolites
Economics	Indian Economy Micro economics	Production functions Agriculture economics
History	Ancient History, Medieval History Modern History	Temple Study and Ports.
English	Indian writing in English English literature American, Common Wealth and African literature	Studies of individual writers, movements and cultural reflections.
Tamil	Folklore Comparative Literature	Literature

3.1.4 Proactive mechanism to facilitate implementation of research projects

- The institution adopts many proactive mechanisms to create conducive ambience for smooth accomplishment of research schemes/projects.
- Faculty members are given flexibility in work allotment to pursue research work.
- The researchers are given free access to the physical facilities available in the campus.
- The institution provides advance money for carrying out the sanctioned project even before the release of funds by the funding agencies.
- The Principal Investigator is given complete autonomy in the execution of project.
- The institution arranges for timely audit of funds provided for the project.

3.1.5 Promotion of Inter-disciplinary research

- At present research is more concentrated at the department level. However with recent initiatives taken by the college in appointing faculty with diversified research background, interdisciplinary research is likely to flourish.
- The college fosters inter-disciplinary research.
- Departments of Chemistry, Botany and Computer Science are engaged in active inter-disciplinary research.

- The institution also permits collaborative research by allowing the faculty members to carry out research with other premier research institutes /University.

3.1.6 Visiting scholars on campus

- The College takes serious efforts to attract researchers and academicians of eminence to visit the campus and interact with our teachers and students.
- Such interaction takes place in international / national seminars / conferences organized by various departments. The list of renowned academicians who visited the campus during the last Four years is furnished below

Sl. No.	Name of the Academic legend	Designation	Date of Visit
1	V. Ramakrishnan	Director, Indian Institute of Science Educational and Research (IISER), Thiruvanthapuram - 695016, Kerala.	18.9.2014
2	Dr. V. Lakshmana Gomathi Nayagam	Assistant Professor, Department of Mathematics, National Institute of Technology, Trichy - 620 015.	25.09.2014
3	B. Viswanathan	Head, National Centre for Catalysis Research , Dept. of chemistry, IIT, Chennai.	26.12.2012
4	Dr. K. Krishnamoorthy	Scientist, Materials and Devices Group F 122, Polymers & Advanced Materials Laboratory National Chemical Laboratory,Pune-411008.	29.12.2012
5	Dr. S. Sankararaman	Department of Chemistry, Indian Institute of Technology Madras, Chennai.	29.12.2012
6	S. Thennarasu	Principal Scientist CSIR-CLRI, Chennai.	5.10.2012
7	Dr. N. Chandrakumar	Department of Chemistry, IIT Madras, Chennai.	5.10.2012
8	Dr. P. Anbarasan	Assistant Professor, Department of Chemistry, Indian Institute of Technology, Chennai.	18.9.2014
9	Dr. V. Yegnaraman	Director Central Electrochemical Research Institute, Karaikudi	18.9.2014
10	S. M. Ramasamy	Honourable Vice-Chancellor, Gandhigram Rural University, Gandhigram – 624 302, Dindigul.	25.09.2014
11	Dr. Kalyani Mathivanan	Vice – Chancellor Madurai Kamaraj University, Madurai	5.10.2012
12	A. Sundaresan	Associate Professor Chemistry & Physics of Materials Unit, Jawaharlal Nehru Centre for Advanced Scientific Research, Jakkur, Bengaluru	5.10.2012

13	Dr. K. Porsezian	Department of Physics School of Physical, Chemical and Applied Sciences ,Pondicherry University	5.10.2012
14	Dr. M. G. Sethuraman	Professor & Head Department of Chemistry & Director - IQAC Gandhigram Rural University, Gandhigram – 624 302.	25.12.2012
15	Dr. R. Uhayakumar	Associate professor , Department of Mathematics, Gandhigram university, Dindugul.	26.12.2012
16	Dr. K. Porsezhian	Department of Physics Pondicherry University ,Pondicherry.	28.12.2012
17	Dr. S. Abraham john	Associate Professor, Department of Chemistry, Gandhigram Rural Institute, Ganthigram, Dindigul.	29.12.2012
18	S. Natarajan	Professor, Solid State and Structural Chemistry Unit (SSCU), Indian Institute of Science,Bangalore.	19.9.2014
19	K. M. Tamilmani	Head, Department of Mathematics, Ramanujan School of Mathematical Science, Pondicherry University.	26.9.2014
20	Dr. S. Abraham John	Associate Professor Dept. of Chemistry Gandhigram University, Dindugul.	19.9.2014
21	Dr. S. Chandra sekar	Associate professor School of Biological science Madurai Kamaraj University, Madurai	10.10.2014
22	Dr. S. Kannan	Associate Professor School of Energy Environment and Natural Resource, Madurai Kamaraj University, Madurai	27.10.2014
23	M. Lellis Thivagar	Professor & Head School of Mathematics Madurai Kamaraj University, Madurai	5.10.2012
24	Dr. A. Muthumanickam	Registrar Madurai Kamaraj University, Madurai	27.10.2014
25	M. Hussian Munavar	Professor & Head, Department of Molecular Biology, Madurai Kamaraj University, Madurai	27.10.2014
26	Dr. S. Umapathy	Professor School of Physics Madurai Kamaraj University, Madurai	28.10.2014
27	Dr. P. Suresh	Associate Professor School of Chemistry Madurai Kamaraj University, Madurai	19.9.2014
28	G. Marimuthu	Professor & Head School of Biological Sciences, Madurai Kamaraj University, Madurai	28.10.2014
29	M. Palaniandavar	Professor of Chemistry, Department of Inorganic Chemistry,	19.9.2014

		Bharathidasan University, Tiruchirappalli.	
30	Dr. K. Murugan	Professor, Department of Zoology, School of Life Sciences, Bharathiar University, Coimbatore-641 046,	28.10.2014
31	Dr. A. Dhakshinamoorthy	UGC- Assistant Professor, Department of Natural Products Chemistry, Madurai Kamaraj University, Madurai	26.12.2012
32	Dr. K. Sethuraman	Assistant Professor, Department of Physics, Madurai Kamaraj University, Madurai- 625021.	30.11.2014
33	Dr. V. S. Ramachandran	Department of Botany, Bharathidasan University, Trichy.	26.12.2012
34	Prof. K. Balachandran	Department of Mathematics Bharathiyar University, Coimbatore.	27.12.2012
35	Dr. K. Pandiyan	Associate professor, Department of chemistry University of Madras ,Chennai.	27.12.2012
36	S. Arumugam	Associate professor, School of Physics, Barathithasan university,Tiruchirappalli.	28.12.2012
37	Dr. P. Suresh	Assistant professor , School of chemistry, Madurai Kamaraj University.	28.12.2012
38	T. J. Pandiyan	National Professor, Madurai Kamaraj University,Madurai.	29.12.2012
39	Dr. P. Manisankar	Professor & Head Department of Industrial Chemistry, Alagappa University, Karaikudi.	29.12.2012
40	Dr. K. Pandian	Associate Professor, Department of Inorganic Chemistry, University of Madras, Guindy Campus, Chennai.	18.9.2014
41	Dr. P. Manisankar	Professor & Head Department of Industrial Chemistry Alagappa University, Karaikudi.	19.9.2014
42	Dr. V. Murugesan	Former Professor & Head, Department of Chemistry, Anna University, Registrar, B.S. Abdul Rahman Universiry, Vandalur, Chennai.	19.9.2014
43	G. Arivarignan	School of Mathematics, Madurai Kamaraj University, Madurai.	25.9.2014
44	Dr. V. Venkatramanan	Principal, Raju's College, Rajapalayam.	
45	S. Rajagopal	Head, Department of Physical Chemistry, SOC, MKU, Madurai	28.10.2014
46	K. Pitchumani	Chairperson & Head, Dept. of Natural Products Chemistry, SOC, MKU, Madurai – 21.	29.10.2014

No.	Name	Designation / Address	Date
47	Dr. S. Anandan	Assistant Professor, Nanomaterials & Solar Energy Conversion Lab, Department of Chemistry, National Institute of Technology, Tiruchirappalli	29.10.2014
48	R. Ramaraj	Centre for PhotoElectrochemistry Department of Physical Chemistry, SOC, MKU, Madurai – 21	30.11.2014
49	Dr. M. Eyini	Associate Professor, Department of Botany, Thiagarajar College, Madurai.	30.11.2014
50	Dr. R. V. Krishnakumar	Department of Physics, Thiagarajar College, Madurai.	31.11.2014

3.1.7 Sabbatical leave for research activities

As per the norms of Tamil Nadu Government, aided College Teachers can avail sabbatical leave.

3.1.8 National and International Conferences organized by the college

- Every year the research departments of this institution organize National and State level conferences to interact with eminent academicians from different parts of the country and abroad.
- The number of National and State level conferences organized by various departments between 2010 and 2014 is highlighted in the following table.

Department	Year	National Level Conferences / Seminars (UGC/CSIR/DST/ ICSSR/DRDO)	State level Conferences / Seminars (UGC/TNSCST)	Institution level Conferences / Seminars (Management)
Chemistry	2010-11	01	01	01
	2011-12	-	01	01
	2012-13	01	01	01
	2013-14	-	01	01
	2014-15	01	01	01
Mathematics	2010-11	-	01	01
	2011-12	-	01	01
	2012-13	-	01	01
	2013-14	-	01	01
	2014-15	01	01	01
Computer Science	2010-11	-	01	01
	2011-12	-	01	01
	2012-13	-	01	01
	2013-14	-	01	01
	2014-15	01	01	01
Commerce	2010-11	-	01	01
	2011-12	-	01	01
	2012-13	-	01	01
	2013-14	-	01	01
English	2010-11	-	01	01
	2011-12	-	01	01
	2012-13	-	01	01

Department	Year	-	Col3	Col4
	2013-14	-	01	01
Economics	2010-11	-	01	01
	2011-12	-	01	01
	2012-13	-	01	01
	2013-14	-	01	01
History	2010-11	-	01	01
	2011-12	-	01	01
	2012-13	-	01	01
	2013-14	-	01	01

3.1.9 Dissemination of research findings

- The Institution makes every effort to transfer then research findings of the college and also of other institutions by conducting a variety of programme targeting the students and community
- The college encourages the teachers and research scholars to publish their research findings in reputed national/international peer –reviewed journals.

3.1.10 The involvement of faculty members in active research

The following table shows the involvement of teachers in research activities during the last Four years (**A**-Completed; **B**-On going)

Department	Faculty	M. Phil.		Ph.D.		Major Research Projects		Minor research Projects	
		A	B	A	B	A	B	A	B
Commerce	Dr. R. Jeyabalan[*]	05	-	-	-	-	-	-	-
	Dr. S. Krishnamurthy[*]	10	-	08	01	-	-	-	-
	Dr.K.Andivelu[*]	08	-	-	-	-	-	-	-
	Dr. M. Selvaraj	08	-	-	-	-	-	-	-
	Dr. S. Eswaramoorthy	12	1	-	-	-	-	-	-
	Dr. R. Rajendran	08	-	-	-	-	-	-	-
	Dr. M. Manoharan	12	1	4	4	-	-	-	-
	Dr. T. Rajakumar	08	1	-	-	-	-	-	-
	Dr. S. Mariajohn	12	-	18	10	-	-	-	-
	Dr. S. Balamurugan	08	2	-	-	-	-	-	-
Chemistry	Dr. M. Rajarajan	16	4	4	8	2	1	3	-
	Dr. G. Ravindiran	-	4	-	2	-	-	-	-
Mathematics	Dr. C. Elango	8	5	9	8	1	-	1	-
	Dr. K. Krishnan	8	5	-	6	-	-	1	-
Computer Science	Dr. S. Sivakumar	3	8	-	-	-	-	1	-
English	Dr.V.Balasubramanian	-	-	-	-	-	-	-	-
	Dr. D. Alagarsamy	3	-	-	-	-	-	-	-
Botany	Dr. C. Gopi	3	-	-	1	-	-	1	-
Economics	Dr. P. Prince Dhanraj	6	2	1	1	-	-	-	-
	Dr. T. Anbalagan	-	-	-	-	-	-	-	-
Tamil	Dr.K.Malaichamy	11	-	-	-	-	-	-	-
History	Dr.A.Gnanasekaran	05	01	-	-	-	-	-	-
Total		**154**	**34**	**44**	**41**	**3**	**1**	**7**	**-**

* Retired from service

3.2 RESOURCE MOBILIZATION FOR RESEARCH

Every year a good proportion of the annual outlay is earmarked for research. The focus on research is supplemented with promotion of college-industry interaction and mobilization of resources through consultancy services.

3.2.1 Budget earmarked for research

- An average of 30% of total expenditure is earmarked for research.
- For the purpose of calculating the percentage of research expenditure, the amount spent on minor and major research projects, Basic Science Research (BSR), FDP substitute salary, Fellowships(JRF/SRF), Seminars, Books and Journals are all taken into account.
- The table furnished below gives an account of the fund earmarked for research and their percentage to the total expenditure.

Budget for research in Rs

Sl. No.	Expenditure Head	2010-2011	2011-2012	2012-2013	2013-2014	2014-2015
1.	Major Research Projects	233028	262011	-	-	-
2.	Minor Research Projects	125000	-	34000	2690	-
3.	Books & Journals	380000	100000	125000		360000
4.	Seminar / Conferences	190000	-	190000	-	327000
5.	DST- FIST Research Grant	-	-	-	-	6200000
6.	DST-INSPIRE Research Fellowship	-	-	925000	925000	925000
7.	UGC Travel Grants	-		161826	-	110425
8.	YSSP Grant	220000	220000	-	-	-
	Total	1148028	582011	1435826	927690	7922425

3.2.2 Financial support for Students project

- Funds if requested by the students are sanctioned for supporting research projects.
- The college allows research scholars to utilize the infrastructure facility in the campus.

3.2.3 Seed money for research

The College provides seed money for research in form of research fee.

3.2.4 Patents

The college encourages faculty members who are involved in active research to file for patents.

3.2.5 Details of ongoing Research projects

The details of on-going Major and Minor Research Projects are stated in the following table.

Sl. No.	Title of the Project	Investigators	Funding Agency	Grants Received
1.	Economic Reforms Tribal communities in Tamilnadu	Dr. T.ANBALAGAN	UGC	2,84,200
2.	Photocatalytic activity of metal oxide Nano composites for environmental remediation	B. KAVITHA	UGC	1,70,000

3.2.6 Recognition of departmental research activities

- Madurai Kamaraj University recognized and approved Commerce, Mathematics and Chemistry departments as full-fledged research centres.
- DST-FIST recognized Departments of Chemistry, Mathematics, Physics, Computer Science and Botany in the field of research.
- The Department of Science and Technology provided a financial assistance of Rs. 62 Lakhs for DST – FIST Programmes.
- Defence Research Development Organization (DRDO) has provided grants of Rs. 14.99 Lakhs to the department of Chemistry to carry out inter-disciplinary research.
- Department of Chemistry received grants from DST, UGC and DRDO for carrying out research projects.
- During the last five years the funding agencies UGC, ICSSR, DST, DRDO, TNSCST have provided funds for undertaking Major Research Projects in various departments.

3.2.7 List of completed Major/Minor Research Projects (during 2010 – 2014)

A detailed list of research projects successfully completed by the teachers of various departments during the last Seven years is enumerated below:

Completed Major Research Projects (2010-2014)

Sl. No.	Major Research Project (Title)	Investigators	Funding Agency	Grants Received
1.	Synthesis and Characterization of surface modified Metal Oxide Nano particles and their Biomedical Applications	Dr.M.Rajarajan	University Grants Commission F.No. F. No.34 - 342/2008	Rs.7.23/- lakhs

Completed Minor Research Projects (2010-2014)

Sl. No.	Minor Research Project (Title)	Investigators	Funding Agency	Grants Received (Rs.)
1.	Production Inventory system in Supply Chain.	Dr. K. Krishnan Assistant Professor of Mathematics	UGC	70,000
2.	Anti-Microbial activity of Medicinal Plants.	Dr. C. Gopi Assistant Professor of Botany	UGC	105000

3. 3 INFRASTRUCTURE FOR RESEARCH

Our Institution ardently works for the promotion of research culture for which all kinds of facilities are provided to teachers and students. The college continuously encourages the staff members for carrying out research projects, consultancy collaborative works and publication in reputed International / National journals.

3.3.1 Infrastructure

- The Research Committee under the stewardship of Coordinator for Research takes care of the various requirements to augment the research activities in the campus.
- The institution provides state of the art facilities to all departments.
- All departments can access 24 hours high speed internet connectivity.
- Research facilities are provided to all the research guides.
- Spacious and well equipped research facilities are available for all research departments.
- Uninterrupted power supply is ensured in the campus round the clock.

3.3.2 Information resource centre

- The college has well established information resource centre in General Library with good infrastructure facilities to enable research.
- The accessibility of study materials through e-sources has proved to be of great benefit for the faculty and students from rural areas.
- Our college is a member of INFLIBNET N-list Consortium.
- Library provides more than -8000 e-Journals and 7000 e-Books
- The recognized research guides actively support the information resource centre.

3.3.3 Residential facilities for researchers

The college provides residential facilities with computer and internet access to the research scholars.

3.3.4 Specialized research centres

- Each research department responds to the challenges posed by the researchers.
- Research Centre in Chemistry is renowned centre which specializes in Nano- Chemistry.
- Research Centre in Mathematics is a unique centre which specializes in Stochastic Modelling and Fuzzy sets and Systems.
- Research Centre in Commerce specializes in the field of Marketing Management.

3.3.5 Recognition of Research Centers

- All Science Research Departments are DST-FIST Sponsored.
- The Defence Research Development Organization (DRDO) a leading national level research organization associate with the research activities of Chemistry department.

- Research department of Commerce has produced more than 40 Ph.D. scholars.
- The researchers from the neighbouring institutions frequently use the sophisticated equipments available in the campus.
- Some of the sophisticated research instruments widely used by the researchers of our college and those of the neighbouring colleges are furnished below.

S.NO	NAME OF THE EQUIPMENT	COMPANY NAME	NOS	COST IN Rs.
1	Double beam UV-Visible Spectrophotometer	JASCO, Japan	1	4,50,000
2	Cyclic Voltammeter	CH-instrument, USA	1	6,50,000
3	FTIR	JASCO, Japan	1	11,00,000
5	Spectro fluorimeter FP - 8200	JASCO, Japan	1	10,00,000
5.	UV-DRS Spectrophotometer	JASCO, Japan	1	10,00,000
4	Photochemical Reactor with UV lamp and Visible Lamp	Heber, India	1	1,50,000
4	Electronic weighing machine	Shimadzu, Japan	2	1,20,000
5	Nitrogen Cylinder	-	1	25,000
6	High Pressure Vacuum Pump	-	1	50,000
7	Double Distillation Water Unit	TECHNICO	1	60,000
8	Hot Air Oven	TECHNICO	1	20,000
9	Electrical muffle furnace	TECHNICO	1	20,000
10	Digital Conduct meter	ELICO	2	40,000
12	Ion exchanger	-	1	20,000
13	Digital potentiometer	ELICO	2	30,000
14	Heating mantle – 250 ml	REMI	3	15,000
15	Heating mantle – 500 ml	REMI	3	21,000
17	Ultrasonicator	-	1	60,000
18	Magnetic stirrer	REMI	6	42,000
19	Vacuum pump	-	1	60,000
20	PH meter	ELICO	1	15,000
21	Chromatographic Column and TLC	-	1	10,000

RESEARCH PUBLICATIONS AND AWARDS

The research findings come to the limelight only when they are shared with the fellow researchers and academicians. The dissemination of information related to the research findings plays a very important role in the promotion of research activities and their recognition.

3.4.1. Research achievements

With the availability of abundant research resources of the institution, the staff members engage themselves in active research with avid interest. Consequently, they present papers in Regional, National and international conferences and also publish their research articles in renowned journals.

Number of papers presented in State, National and International Conferences

The details regarding the papers presented by the faculty members in various seminars / conferences are given below.

National and International Conferences

Sl. No.	Department	2010-2011	2011-2012	2012-2013	2013-2014	2014-2015
1.	Chemistry	14	6	6	6	12
2.	Mathematics	3	4	6	8	14
3.	Computer Science	1	-	-	6	15
4.	English	-	01	-	-	-
5.	Commerce	03	02	04	04	02
6.	Economics	-	02	04	02	-
7.	History	15	10	06	05	-
8.	Botany	-	-	01	01	-

Faculty- wise research publications

The details of the publications of the peer reviewed research Journals with good impact factor of the faculty members are furnished in the following table:

Research Publications of Faculty Members

Sl. No.	Department	2010-2011	2011-2012	2012-2013	2013-2014	2014-2015
1.	Chemistry	4	8	6	7	4
2.	Mathematics	3	4	6	8	14
3.	Computer Science	1	2	1	-	5
4.	English	-	01	-	-	-
5.	Commerce	02	01	02	03	02
6.	Economics	-	-	-	01	-
7.	History	-	-	-	-	-
8.	Botany	-	-	-	01	-

3.4.2 Research Journal

Our college proposed to start a Research Journal in the next academic year.

3.4.3 Publication of Faculty Members

Research Publications of Faculty Members

Sl. No.	Department	Number of Publications
1.	Chemistry	73
2.	Mathematics	70
3.	Computer Science	31
4.	English	02
5.	Commerce	23
6.	Economics	09
7.	History	36
8.	Botany	10

Books published by our faculty member

Sl. No	Name of the Staff	Title of the Book	ISBN/ ISSN
1	Dr. M. Manoharan Associate Prof. of Commerce	Statistical Methods	-
		Business Mathematics	81-85517-66-5
		Statistical Methods for Biologists	-
		Business Mathematic	-
2	Dr. C. Elango Associate Prof. of Mathematics	Business Mathematics	-
3	Dr. S. Mariajohn Associate Prof. of Commerce	IT and Its application on S.S.I	81-7141-671-3
		Rural Entrepreneurism	81-7141-819-8
		Emerging Entrepreneurism	81-7140-874-0
		Financial Markets and Institutions	81-85517-45-2
		C Programming	-
		Fundamentals of Computer	-
		Rural Women Entrepreneurship	81-7141-889-9
		Investment Management	-
4	Dr. S. Krishnamoorthy Associate Prof. of Commerce	Investment Management	-

3.4.4 Faculty wise number of M.Phil. and Ph.D. scholars guided

Faculty wise number of M. Phil. and Ph.D. scholars guided

Sl. No.	Faculty	M.Phil.		Ph.D.	
		Completed	Ongoing	Completed	Ongoing
1.	Commerce	91	5	28	14
2.	Mathematics	16	14	9	10
3.	Chemistry	11	8	4	10
4.	Computer Science	3	8	-	-
5.	English	3	-	-	-
6.	Botany	3	-	-	1
7.	Economics	6	2	-	1
8.	Tamil	11	-	-	-

3.4.5 Policy of the College to check malpractices and misconduct in research

The College follows the policy of Madurai Kamaraj University, Madurai to which it is affiliated. The Students are highlighted about avoiding plagiarism in research.

3.4.6 Inter-disciplinary research projects

At present there is no inter-departmental research project in future we plan to do such kind of projects.

3.4.7 Management's initiatives to promote research

- Cash incentives with certificates are given to faculty members at the end of every academic year for successfully completing Ph.D. degrees
- Cash incentives with certificate are given to teachers for publishing research articles in the peer reviewed International Journals with good impact factor.

3.4.8 Details of Research Awards

The details of research awards received by the various faculty members are provided below:

Research award

1. Recognition received by Dr. M. Rajarajan, Principal.

Invited Talk -Abroad

- International Workshop on Sonochemistry and Photocatalysis for Environmental Remediation, **School of Chemistry, The University of Melbourne, Australia – visit - November 26-28, 2008 -** on "Photocatalytic activity of surface modified ZnO nanoparticles in Environmental Remediation". International Travel Grant was supported by DST, NewDelhi.

Collaborative research

- The University of Melbourne, School of Chemistry has invited **Dr. M. Rajarajan, Principal** to deliver a special talk on **"Photocatalytic activity of surface modified ZnO nanoparticles by PVA capping and encapsulation with Porphyrins"** to Sonochemistry Research Group and to do collaborative research work with Professor Muthupandian Ashokkumar, Head, Sonochemistry Research Group, **School of Chemistry, The University of Melbourne, Australia from November 21-30, 2011.**

International visit
- Participated and presented a research paper in the International conference on Nanoscience + Nanotechnology at **Sorbone University, Paris, France** during 23-27, July 2012. The entire travel grant was supported by UGC.
- Participated and presented a research paper in the International conference on Nanosmat at **Rice University, Houston,** Texas USA during 19- 22, May 2014.

2. Recognition received by Dr. T.Anbalagan, Associate Professor in Economics
   - Received Post Doctoral Fellowship (PDF) from UGC.
   - He worked as PDF at School of Economics, Madurai Kamaraj University.

3. Recognition received by Dr. S. Mariajohn, Associate Professor in Commerce
   - Received Rajiv Gandhi award for best researcher

3.4.9 Incentives

Incentives for research contributions

- The institution profusely felicitates the faculty members for their research contribution.
- Recognizing their achievements, cash incentives and certificates are given.

3.5 CONSULTANCY

3.5.1 Policy of consultancy

The College offers consultancy services wherever possible and at various levels.

- The Department of Mathematics did consultancy service in the implementation of Matlab software for Tamil Nadu State PWD Engineering projects.
- The Research department of Chemistry offers the consultancy services to nearby industries and other institution using its DST-FIST sponsored sophisticated Lab.
- The Department of Computer Science offers project consultancy to Cardamom Planters Association and other neighbouring industries.
- The Department of Commerce offers consultancy service in tax related issues to the business public.
- The Department of Mathematics and English share their expertise to the young teachers working in nearby schools and colleges.
- The Department of Botany offers Plant identification for the planters and agriculturists.

3.5.2 College – Industry Cell

- The College encourages the Commerce and Business Administration students to undergo internship in various industries during vacation.
- The Post Graduate students of Computer Science &IT and Chemistry are encouraged to undergo industry oriented projects during the final semester.

3.5.3 Publicizing the expertise

- The institution brings to light the abundant expertise available in the campus through the College website (www.cpacollge.org) and media.

3.5.4 Institutional encouragement for consultancy services

- The institution encourages the faculty members to carry out the consultancy services with well developed infrastructure available on the campus for the benefit of the society.
- Women Empowerment and Entrepreneurship development are the twin objectives of Centre for Women Entrepreneurship and Development (CWED) which offers consultancy services.

3.5.5 Revenue generated through consultancy

The Revenue generated by the college through consultancy by the departments of Chemistry, Mathematics, Computer Science and CWED is given in the table.

Sl. No.	Consultancy Details	Department	Amount in Rs.
1.	Mat-lab software training	Mathematics	10000
2.	Project consultancy	Computer Science	8500
3.	UV-FTIR, CV studies, Spectrofluorimeter, UV-DRS – Industry/ Institutions Research consultancy.	Chemistry	25000
4.	Soap, Shampoo, Phenyl, Candle	CWED	25000

3.6 EXTENSION ACTIVITIES AND INSTITUTIONAL SOCIAL RESPONSIBILITIES

The very mission of the institution is to provide quality education to the underprivileged students of this educationally backward area. The institution feels proud in dedicating itself to attaining this social cause.

3.6.1 Sensitizing on institutional social responsibilities

- Our College sensitizes and attracts the young intelligent school students towards Basic Sciences through Five day DST Sponsored INSPIRE residential programme for three years since 2012.

Sl. No.	Year	No. of Students Benefited	Amount in Rs.
1.	2012-2013	150	9,75,000
2.	2013-2014	150	9,75,000
3.	2014-2015	150	9,75,000

- Our College sensitizes and attracts the school students through Young Scientist Student Programme (YSSP) for Twenty one day, sponsored by Tamil Nadu State Council for Science and Technology (TNSCST).

Sl. No.	Year	No. of Students Benefited	Amount in Rs.
1.	2009-2010	80	2, 20,000
2.	2010-2011	80	2, 20,000

- Our College is recognized by UGC to offer Human Rights Awareness Course through Career Oriented Programme (COP).
- Our College conducted one day National workshop on "Human Rights in India" in the year 2012-2013 for the benefit of students, teachers and public.

- Our college is considered one of the best in the southern districts of Tamil Nadu in offering peerless service to the society in general and to the students in particular through several extension activities undertaken by NSS, NCC, YRC, CWED and RRC.
- The team members work extensively in helping the needy people.
- The institution creates awareness among the girl students especially those hailing from rural areas on personal hygiene.
- The institution is declared as Tobacco and Litter Free Zone.
- The usage of plastic is completely banned on the campus.
- The Management takes all out efforts to convert the college into a Green Campus.

Outreach programmes

The institution organizes a series of outreach programmes for the benefit of society. Some of them are mentioned below:

- Human Rights awareness
- Blood donation camps.
- HIV-AIDS awareness rally.
- Free Eye check-up camps.
- Anti-Tobacco rally.
- Voter awareness rally.
- Population census in Bodinayakanur
- Wild-life census in the Western Ghats along with Forestry department.
- Environmental and Social awareness rallies.
- Sapling plantation programme as a part of the social forestry scheme.
- Training to Self Help groups for candle manufacturing and computer knowledge.
- Conducting Young Scientist awareness programme.
- In-service training programmes for School teachers.
- The Consumer Club enlightens the students as well as the public about the rights and privileges of the consumers.

3.6.2 College neighbourhood network and Students participation

- The college encourages staff members and students to do activities which will promote college – neighbourhood relationship.
- The student volunteers of our institution coordinate with the local police in controlling the traffic, especially during festival seasons.

3.6.3 Promotion of extension programmes

- The extension activities are made mandatory in Part V of curriculum so that all the students are involved in the participation of extension activities.
- Prizes are given to the outstanding NCC/NSS/YRC/RRC students every year.
- In recognition of the extension activities of the students, the college gives cash awards and citations to the Staff and student volunteers.

3.6.4 Social surveys for social justice

- The NSS units undertake social surveys in the adopted villages to assess the needs of the villages for enriching the socio economic status of the under privileged and the most vulnerable section of society.
- The CWED conducted a survey on the constraints faced by rural women entrepreneurs of Bodinayakanur Taluk in Theni district.

3.6.5 Awards received

- Our college has received the Award from Indian Medical Association for donating highest number of units of Blood in Theni district for the last five years consecutively.
- Our College YRC has received the Best Performance Youth Red Cross Movement-2014 award from Indian Red Cross Society.

3.6.6 Extension activities complementing academic activities

- The extension activities inculcate among the students good virtues and values. These virtues and values complement academic learning.
- It creates awareness on social issues and commitments to the society.
- Extension activities develop the spirit of social service, civic responsibilities and humaneness among the students.
- Through extension activities, it is very much visible that our students started learning to work together, understanding each other and accepting people.
- The self esteem of the students enhances.
- The extension activities develop the communication skill among the students which is an important element of learning.
- The extension activities develop teaching skills, technical skills counselling skills and interpersonal skills among the students.

3.6.7 Community participation in extension activities

- The college organizes various social development activities like Environment awareness, AIDS awareness, Polio eradication programmes, Anti-tobacco campaign in collaboration with the NGOs, Self Help Groups and other social organizations.
- Our college BBA Department organizes Trade show in the campus to sell the products produced by the Self Help Groups (SHG) of various parts of the state, which benefits the members of the SHG who belong to socially and economically backward classes.

3.6.8 Tracking the student's involvement

- The extension activities are made mandatory part in curriculum.
- The involvement of students in extension activities is assessed by the faculty members who are in-charge of various activities.
- The rigorous requirement for attendance and evaluation help in tracking the student's involvement in the various extension activities.

3.6.9   Networking with other institutions

The college undertakes many meaningful outreach activities with constructive relationship with many institutions and organizations in the nearby localities. Some of them are listed below:

- Govt. Medical College Hospital Blood Bank, Theni (Blood donation camps, Health check-up camps, Anaemia testing camps).
- Aravind Eye Hospital, Madurai (Eye check-up camps)
- Meenakshi Mission Hospital, Madurai (Health check-up camp)

3.7 COLLABORATION

Thinking together and working together result in miracles. The collaboration especially in research yields more visible impacts and it also enables diversified activities in the campus. The results will be exponentially greater than individual results. The college benefits through collaboration not only academically but also financially.

3.7.1   Collaboration with External agencies

The institution has an exemplary track record of research that attracts many National and International institutions to do collaborative research. The premier national level research organization namely the Defence Research Development Organization (DRDO) associates with our institution to carry out the research projects.

- Dr. M. Rajarajan Principal & Head of the Department of Chemistry collaborates with Prof. M. Ashok Kumar, School of Chemistry, University of Melbourne, Australia in Nano-photocatalysis for Environmental remediation (Removal of Organic contaminants from water).
- Department of Mathematics collaborates with School of Mathematics, Madurai Kamaraj University in the field of Stochastic Modelling Research and Development.
- Department of Chemistry collaborates with School of Chemistry, Madurai Kamaraj University in the field of Nano-photocatalysis Research and Development.
- Department of Computer Science collaborates with Computer Centre, Madurai Kamaraj University in the field of Image Processing Research and Development.
- Department of Botany collaborates with School of Biotechnology, K.S.R.College of Technology in the field of Medicinal Plants and Cardamom Plant Research and Development.

3.7.2   Outcome of collaboration

- Dr. M. Rajarajan Principal & Head of the Department of Chemistry collaborates with Prof. M. Ashok Kumar, School of Chemistry, University of Melbourne, Australia in Nano-photocatalysis for Environmental remediation (Removal of Organic contaminants from water) and published a research article in the Proceedings of the International Workshop on Sonochemistry and Photocatalysis for Environmental Remediation held on November 26-28, 2008, School of Chemistry, The University of Melbourne, Australia, pp-25.

- UGC Sponsored National Conference on Mathematics, Chemistry and Computer Science in collaboration with respective Schools of Madurai Kamaraj University.
- Internship and on-the-job training enable the students to get pre placement offers.
- The independent and collaborative research promotes the publication of quality research articles.
- The Placement Cell of our college has a close liaison with many leading recruiters and as a result the institution maintains a sustained incremental growth in student placement.

3.7.3 Memorandum of Understanding

- The college has signed an MoU with Five Arts and Science colleges of Theni district under the programme "The Theni District Cluster of Colleges".
- Department of Computer Science has signed an MoU with ESPEE Solutions, Chennai to develop student projects.
- Department of Computer Application and CS&IT has signed an MoU with STARTECH Solutions, Madurai to develop IEEE oriented projects.
- Department of Botany has signed an MoU with School of Biotechnology, K.S.R.College of Technology, Tiruchengode.

3.7.4 Specialized laboratories

- The institution has established a specialized laboratory called Nano-Chemistry Research Lab exclusively for undertaking research work with DRDO and DST assistance.
- A new English Language Lab has been established to improve the communication skills of the students.
- A new Mathematics Lab has been established to improve the Problem solving skill of Mathematics students of our college.

CRITERION IV

INFRASTRUCTURE AND LEARNING RESOURCES

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 PHYSICAL FACILITIES

4.1.1 Physical infrastructure and its optimal utilization

The institution provides good infrastructure with modern amenities and state of the art equipment to facilitate effective teaching and learning.

- The college is very particular that the infrastructure available on the campus is utilized to the maximum.
- After regular academic programmes, the class rooms, departmental libraries and laboratories are kept open for the use of students of Diploma, PG diploma and Certificate Courses.
- Many UGC funded COP are conducted after regular college hours utilizing the infrastructure of the college.
- The computer centre functions from 8.30 a.m. to 6.30 p.m.
- College library functions from 8.45 a.m. to 6.30 p.m. on all working days
- PG students utilize their department libraries from 9.00 a.m. to 6.00 p.m.
- Libraries in the research departments function round the clock.
- Research scholars (M. Phil. and Ph.D.) utilize round the clock the laboratory and internet facilities available in their departments.
- The college makes optimal utilization of one large seminar hall, one air-conditioned seminar hall and five multimedia smart class rooms.
- Four college buses are operated for the welfare of students. We provide transport facility to the students and staff for study tour, industrial visit and field trip.
- Students Welfare Canteen is kept open from 8 a.m. to 7 p.m. satisfying the refreshment need of the students.
- College infrastructural facilities have also been used by the District Administration at times of election and also for conducting Government and Bank Examinations.
- The spacious playgrounds, the indoor stadium and the sophisticated sports equipment are effectively utilized by the students in the morning and evening.
- Students' Co-operative Store helps to meet the stationery requirements of the students and the staff.
- Separate well furnished hostels for boys and girls with internet facility, TVs, sports equipment, reading hall and purified drinking water are made available to the students.
- The vehicle parking facilities earmarked for both the staff and the students are utilized.
- A separate rest room for girl students is available inside the college campus.
- Health centre facility is available for students.
- There is a Vinayaga temple for worshipping.

4.1.2 Initiatives for enhancement of infrastructure to promote teaching-learning environment

The college holds the opinion that creation and enhancement of infrastructure definitely have a positive impact on teaching-learning environment. The following are the initiatives:

- Five smart classrooms are made available to the students for effective interactive learning.
- The teachers are given adequate training to handle smart classes.
- 10 LCD projectors are fitted at conference halls, laboratories, and smart class rooms for the conduct of subject-oriented meetings, seminars, conferences, guest lectures etc.
- All the departments are provided with internet facilities.
- The students gain hands on training through individual systems.
- During severe power crisis, standby UPS units are installed in computer labs for uninterrupted learning and working.
- All the science laboratories are well equipped with modern sophisticated equipment to cater to the needs of the students and the researchers.
- A specialized centre for Nano-Chemistry research functions in the PG & Research department of Chemistry.
- UV-Visible Spectrophotometer, FT-IR, Spectrophotometer, Spectro flourimeter, UV-DRS Spectrophotometer, Cyclic Voltammeter are also used in the PG & Research department of Chemistry for collaborative research.
- English Language Lab(ELL) trains the students to sharpen their communication skills.
- Centre for Technology Enhanced Learning (CTEL) develops Multimedia Learning Materials (MLM) for all the courses.
- Public address system is provided in all smart class rooms for effective communication.
- A dedicated library with all latest general knowledge and competitive examination reference materials is available in the Centre for Entry in Services (CES).

4.1.3 Departmental Facilities

- All the departments are provided with separate staff rooms.
- Physical education department is provided with a staff room and sports equipment.
- Library is housed with a librarian cabin, reading rooms with reprographic facilities.
- The rooms are fully furnished with proper lighting and ventilation facilities.
- College has a separate rest room for women teachers.
- Purified drinking water facility is available in all the departments.
- Each department is provided with computers with network connectivity.
- The research guides are provided with separate computer system with internet connection.
- To honor the teachers who have got Major / Minor Research Projects, their names with complete details of the research project are displayed.

- Faculty profiles are also displayed on the college website(www.cpacollege.org).

4.1.4 Infrastructure facilities for differently abled students

- The college is equipped with good infrastructure facilities to cater to the needs of differently-abled students.
- The differently abled students are given ramp facilities for class rooms and library.
- Resident students are given accommodation on the ground floor.
- The institution motivates the other fellow students to take care of differently abled students in their campus life.
- Institution helps the differently abled students to avail themselves of various aids from the Government through the District Welfare Office for Differently Abled Persons, Theni.
- Battery operated as well as fuel operated vehicles with the Government aid are given to these students.
- Commissionerate for Differently Abled Welfare Scholarships provides an annual scholarship of Rs. 3000/- and Rs.3500/- respectively for UG and PG students.
- Visually challenged students have the provision for scribes.
- The college also arranges wheel chair facility for the students for easy movement from one block to another.
- Classes for differently abled such students are mostly arranged in the ground floor.
- Reserved seats are available in the Library.

4.1.5 Residential facilities

- The residential halls are available in the campus of the institution. This ensures that the students have proximity to the academic facilities.
- There are two modern hostels for girls & boys.
- All the rooms are furnished with electrical fans and cots.
- All hostels have single, double and composite rooms and these rooms are allotted to the students on the basis of their requirements.
- UGC funded RO facility for drinking water is available in all the hostels.
- Each inmate is provided with chair, table and cup boards.
- 24 hours Power supply is ensured with the help of a Generator.
- Girls' hostel is provided with incinerators for scientific disposal of napkins.
- The hostel toilets and bathrooms are tiled to ensure better sanitation.
- Details of the capacity of the hostels and their occupancy are exhibited below

Table 4.1 Residential facilities for Boys and Girls

Sl. No.	Name of Hostel	No of Rooms	Occupancy			Strength
			UG	PG	M .Phil. /Ph.D.	
1	CPA BOYS Hostel	20	64	2	-	66
2	CPA GIRLS Hostel	10	38	5	-	43

Recreational Facilities

- Reading rooms with all the leading English and Tamil newspapers and magazines are available in both the hostels.
- Television with DVD player and cable connection is provided in every hostel.
- Yoga and Spoken English Classes are conducted for the inmates of the hostel.
- Indoor and outdoor game facilities such as Chess, Carrom, Table Tennis, Badminton and Volleyball are available.
- Computer system with internet facility is available.

4.1.6 Health Support Services

- College utilizes the service of a qualified registered medical practitioner.
- Health centre is provided to the doctor on the premises to treat the indisposed.
- The services of a lady doctor are also made available for the female inmates.
- For emergency, the doctor is available on call.
- A first aid box is also available in the campus to cater to the immediate need of the injured students.
- Free medical camps are conducted periodically by the NSS, YRC, RRC and Alumni Association for the benefit of the staff and students.
- Free dental check up camps is conducted for the students and the staff.
- Free eye check-up camps are conducted for the students and the staff and free spectacles are distributed to the needy students.
- All the aided teaching and non-teaching staff members are covered under Tamilnadu Government Medical Insurance Scheme.
- Maternity Leave with salary is provided to all lady staff members.

4.1.7 Facilities for Sports and Cultural events

Sports facilities

A spacious area is earmarked for sports related activities in the campus. The following are the features of the sports facilities of our college:

- UGC funded Multi-purpose indoor stadium.
- 400 meters standard track with Six lanes
- Football ground.
- Basketball court.
- One Cricket pitch.
- Two Ball badminton courts.
- Two shuttle badminton courts.
- One Kabaddi court.
- One Volleyball court.
- One set of parallel bar

- One set of Vertical bar
- Gym with latest equipment.
- One bench for practicing Bench Press.

Initiatives for the promotion of sports

- Intramural games are conducted regularly.
- Fee concessions are given to outstanding sports persons.
- Nutritious food and health drinks are offered to the sports personnel by the college management.
- Outstanding students in sports and games are honored on the Sports Day.
- Special coaches are arranged to train the students.
- Sportswear is given to the meritorious sports persons free of cost.
- Special training is given to students willing to join in army and police department.

Facilities for Cultural Events

- Fine Arts Club is functioning in the college to hone the artistic talents of the students.
- Fine Arts Club functions in a separate room.
- The college has an auditorium with all the necessary infrastructural facilities for organizing student cultural meets and other functions of the college.
- Cardo-Comp competitions are conducted to sharpen the inherent talents of the students.

The master plan of the College

4.2 LIBRARY AS A LEARNING RESOURCE

The general library located at the center part of our campus is a treasure house of knowledge. The institution is proud of this principal learning center.

4.2.1 Composition of Library Advisory Committee

- The Library Advisory Committee is constituted with Principal as the President, Librarian as the Convener and 5 teaching staff as its members.
- The Committee decides the policy for the improvement of book collection and also frames rules for the activities related to the library.

4.2.2 Detailed provisions in the Library

- Library housed in a separate building has a built up an area of 6000 square feet.
- Reading room with spacious and convenient seating arrangement is available.
- The Library is kept open from 8.45 a.m. to 6.30 p.m. on all working days.

Access to the library

- Directions are given to the users to access the collection by fixing sign boards.
- Open access system is allowed to all the students and research scholars.
- Special ramp and reserved seat facility are provided for differently abled students at the library for easy access.
- For using and referring resources, the library staff members and students help these students, especially visually challenged students.
- To ensure safety, the library is equipped with fire alarm.

Mode of access

- The computerized open access system is available to the students.
- For easy and convenient book search, the library maintains a simplified version of   e-catalogue.
- The library staff guide and direct the users in searching for the required material/books.
- Each student in UG Class can borrow a maximum of two books at a time and retain them for a period of one week and they can renew it three times.
- Each student in PG Class can borrow a maximum of two books at a time and retain them for a period of fifteen days and they can renew it for three times.
- M. Phil. students can borrow three books at a time and retain them for a period of fifteen days and they can renew it three times.
- The reference section is continuously updated with the latest editions of books and systematically displayed for easy reference to students.
- National and regional newspapers, magazines and journals are kept in their respective stands for the use of staff and students. There is a separate zone for new arrivals.
- A net-café to cater to the needs of the students is available.

LIBRARY - GROUND FLOOR PLAN
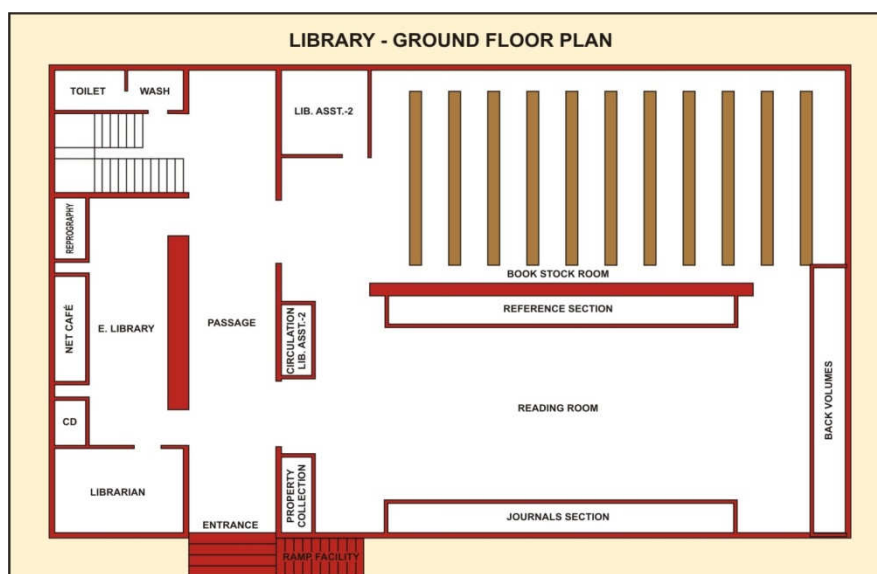
4.2.3   Details of the Library holdings

a) Print Holdings

Sl. No.	Types of holdings	No. of collections
1	Books	21,717
2	Magazines	20
3	Back Volumes	25
4	Journals(Research)	15
5	Theses & Dissertations	350

b) Non-Print

500 CD-ROMS on various subjects are available at our library.

c) E-Resources

- 1500 E-Books are available.
- INFLIBNET – N-List
  Library has INFLIBNET – N-list access. All the teaching staff members both aided and self-finance have valid username and passwords to access the N-List. PG and Research Students have been given user ids and passwords.

d) Donated books

- 792 donated books are arranged separately for access to students

4.2.4 Tools deployed in the library

- Two computer systems are dedicated to Online Public Access Catalogue (OPAC).
- Reprographic facility is available.
- A net-café to cater to the needs of the students is available
- Library has E-Book collection of various subjects.
- Question bank for all subjects is maintained.

4.2.5 Deployment of ICT in the library

- Library is automated to facilitate book lending and document location
- Barcode technology is implemented and book transactions are done through barcode scanners.
- Library has a printer, a scanner and a bar code Scanner.
- UGC –INFLIBNET N-List is available.
- Library has E- Book collection of various subjects

4.2.6 Details of usage

- Average number of walk-ins is 110 per day.
- Average number of books issued/returned 50 per day.
- Ratio of library books to students enrolled is 9:1.
- Average number of books added per year - 536 books

No. of Books purchased in the last four years

Year	No. of Books	Total Amount (Rs)
2010 - 2011	700	2,80,050
2011 - 2012	485	1,53,764
2012 - 2013	245	1,29,504
2013 - 2014	717	3,15,681

- Average number of login to OPAC is 65 per day.
- Average number of login to e-resources in our library is 60 per day.
- Average number of e-resources downloaded is 25 per day.
- Orientation programme is given to the UG students every year to expose the students to the resources of library.
- Information literacy trainings are organized to the Research Scholars & PG students under Library Popularization Programme.

4.2.7 Specialized services provided by the library

- Reference service is given to all the users.
- The library offers document delivery service to the students through photo copying facility.
- Through notice boards, circulars and college website, the library disseminates information to the stakeholders.
- Two computer systems are available for OPAC.

- Internet access is given to PG, M. Phil. & Ph.D. scholars and it is given to UG students on request.
- e-resources downloading provision is available in all the systems of the library and guidance service for downloading is also given.
- Educational CDs are available in library.
- Printout provision is given to the students.
- Bibliography compilation is available as catalogue.
- Guidance service is also given for the compilation of bibliography for research scholars.
- A Library Club functions in the library and meets once a month to discuss reading related issues.
- Every year the Library Day is celebrated to improve the reading habits of students.
- Prizes are given to the best library users.

4.2.8 Annual Library Budget and Expenditure

Library budget for books & printed journals

Year	Books		Journals	
	Budget Rs.	Amount spent Rs.	Budget Rs.	Amount spent Rs.
2010 - 2011	3,20,879	2,20,879	23,859	66,370
2011-2012	1,90,831	1,31,718	22,200	35,748
2012 - 2013	1,74,430	1,14,430	30,456	21,650
2013 - 2014	3,90,681	3,15,681	25,516	18,500

Details of Expenditure on e-journals in Rs.

E- Journals	2010 - 11	2011 - 12	2012 - 13	2013 - 14
UGC- INFLIBNET N-LIST	-	5000	5000	5000

4.2.9 Feedback on Library service

- A pre-structured questionnaire is used in eliciting feedback from the students.
- The feedback received from the users is presented before the Library Committee for further improvement.
- On the basis of the feedback, students are helped to prepare for the competitive examination.
- The library is kept open till 6.30 p.m.
- A separate Study Centre is also established on the request of the students.
- General Knowledge and Higher learning related news is written and displayed every day on the board at the entrance of the Library.

4.2.10 Infrastructural development in the last four years

The library is provided with the following infrastructural facilities:

- Computing facilities are augmented with latest computers for the purpose of the use of students.
- Photocopying services are provided to the users.
- e-Journals access facility is available.
- Printing facilities are also given.
- Water Cooler fixed in the library provides protected drinking water.
- Bar-coding facility is also available in the library.
- Library automation system is installed.
- Ramp for the differently abled is constructed at the entrance of the library.
- Fire alarm is provided in the library for security purpose.

4.2.11 Efforts for Better Utilization

- The institution has instituted **Best Library User Award** to evince keen interest among the students to use the library resources. Every year, the deserving students are identified and are given cash award.
- Our Library Club organizes seminars for students and staff members to educate them on the proper and effective utilization of library.
- Every year the Library Day is celebrated to heighten awareness of reading habits of students and staff members.

4.3 INFORMATION TECHNOLOGY INFRASTRUCTURE

Application of Information Technology (IT) has become the order of the day in all walks of life and our institution is not an exception. The institution has already adapted to this innovative technology of imparting ICT enabled education to all the students. The institution is well equipped with the latest know-how to accomplish this endeavor.

4.3.1 Comprehensive IT Policy

- The college has comprehensive IT policy to support and facilitate teaching, evaluation, research and administrative purposes.
- The college has an electronic environment with high speed network secure from hackers.
- The institution has a regular data backup and recovery mechanism.
- The college has a functional website which is accessed by stakeholders.

4.3.2 Details of the College's Computing facilities (hardware and software)

- The College office has six computers and four printers for administrative purpose.
- The Library has three computer systems with ROVAN library management software system.
- The Library has four computer systems for internet browsing.
- The Department of physical education has a computer system with internet facility and a printer.
- Each department has a computer system with internet facility and a printer.
- IQAC, CES, IMF, CGC, CWED, UGC-LDC, Controller of Examinations and Hostel have a computer system with internet facility and a printer.

- The college has adequate computing facilities to provide the students with hands-on training in computers.
- Separate computer labs are available in the Department of Computer Science, Computer Applications, Chemistry, Mathematics and Commerce.

The following tables show the number of systems with configuration:

Computing facilities

Computer Centre 1(Department of Computer Applications)

Sl. No.	Processer	RAM	Hard disk	Number of System
1	Intel core i3	4 GB	500GB	20
2	Intel core 2 Duo	2 GB	250 GB	7
3	Intel core 2 Duo	2 GB	500 GB	22
4	Intel Dual Core	2 GB	80/40 GB	12
5	Intel Pentium IV	1GB	250 GB	15

Computer Centre 2 (Department of Computer Science)

Sl. No.	Processer	RAM	Hard disk	Number of System
1	Intel core i3	2 GB	500 GB	8
2	Intel core 2 Duo	2 GB	250 GB	13
3	Intel Pentium IV	512 MB	80/40 GB	12

Computer Centre 3(Department of Commerce)

Sl. No.	Processer	RAM	Hard disk	Number of System
1	Intel core i3	2 GB	500 GB	2
2	Intel core 2 Duo	1GB	250GB	10
3	Intel Pentium IV	512 MB	80/ 40 GB	14

English language Lab

Sl. No.	Processer	RAM	Hard disk	Number of System
1	Intel core i3	4 GB	500GB	20
2	Intel core 2 Duo	2 GB	250 GB	7

Chemistry Lab

Sl. No.	Processer	RAM	Hard disk	Number of System
1	Intel core i3	4 GB	500GB	10

Computers in various departments and hostel

Sl. No.	Processer	RAM	Hard disk	Number of System
1	Intel core i3	2 GB	500 GB	4
2	Intel core 2 Duo	2 GB	500 GB	5
3	Intel Dual core	1 GB	250 GB	4

Sl. No.	Type of Printer	Numbers
1	Laser Printer	15
2	Dot Matrix	4
3	Color Printer	5
4	All in one Printer	3
5	Copier Machine	6

Total Number of LCD Projector   :   11

Computer-student ratio   :   1: 10

Dedicated computing facility

- Browsing facility for academic purposes is availed of by residential and non residential students.
- Browsing facility is available for research scholars.
- Dedicated computing facility is also given in the IQAC, College office, the library and in the research centers.

LAN facility

- Necessary provisions are made in the campus for the students to make use of the computing facility anywhere in the campus including hostels.
- A total of 217 computer systems is available in the campus.
- 20 computer systems in the campus are equipped with 16 Mbps high speed Broad band Internet facility provided by BSNL Broad band connection.

Details of the Licensed Software

- Windows Server 2003 Standard Edition
- Windows XP Professional
- Microsoft Visual Studio 97 professional Edi.,(Version 5).
- Free SCO open server
- Novell Netware 3.12.
- Windows ME.
- Windows 95
- Windows NT server 4.0.
- Microsoft Visual Basic 5.0.
- Microsoft FoxPro.
- Anti-virus software.
- MS office 2003 professional (IMF)
- Windows 2000 server.

Number of nodes / computers with internet facility: 20 Systems

Any other

- Professionally designed software ROVAN is used in the Library.
- Our college website is indigenously developed by College web team.
- All departments are connected with inter-com facility.

4.3.3 Plans and Strategy for deploying IT

- The institution plans and upgrades its computer system every semester.
- The computer systems are updated and upgraded on request of the heads of computer centres at any time whenever the need arises.
- An average amount of two lakh rupees is spent for the maintenance of the computers annually.
- An average amount of five lakh rupees is spent on updating and deployment of computers in the institution annually.
- Centre for Technology Enhanced Learning is updated with modern computers with software for developing MLM.
- One well equipped air-conditioned multimedia hall is available.
- One well equipped seminar hall with multimedia facility is available.
- The institution uses educational, interactive CD/DVDs and videos.

4.3.4 Details on the ICT enabled classrooms/ learning

- The institution has five ICT enabled smart classrooms and three multimedia seminar halls.
- Mathematics department has interactive board facility to enhance creative teaching.
- English Language Lab offers intensive training in communication skills.
- Internet connections have been provided to all departments.
- Department of Computer Science arranges certificate courses on MS office.
- Centre for Technology Enhanced Learning gives training for the preparation of power point presentations to the faculty.
- There are eleven LCD projectors in the college.

4.3.5 Quality of Teaching and Learning with ICT enabled classrooms

- The institution has five ICT enabled smart classrooms and two conference halls which make for creative teaching and interesting learning.
- Student centered learning is encouraged using interactive boards.
- Using Chem-Draw, molecule structures are graphically explained.
- Webinars and virtual Labs.
- Online journals.

4.3.6 Training on ICT given to faculty

- Every year the institution arranges training for teachers to equip themselves with the latest technology in ICT.
- The institution uses the expertise of education technocrats to train our teachers in handling the ICT enabled equipments.
- The institution also appoints sufficient number of technically qualified support staff for effective use of ICT.

4.3.7 Maintenance of Computers and their accessories

- UGC sponsored Instrument Maintenance Facility Centre (IMF) is available to look after all the computer systems and accessories.

- A team of three lab assistants and one technician maintain the computer systems.
- Two electricians attend to electricity related problems and generators.
- A technician maintains the air-conditioners.
- Complex hardware related problems are solved by service engineers on call.
- Copier machines and power back-ups are maintained by Annual Maintenance Contract (AMC).

4.3.8 Services of National Knowledge Network

UGC-INFLIBNET N-LIST E-RESOURCE

- UGC-INFLIBNET is the most highly required network for accessing e-resources.
- The institution has become a member of UGC-INFLIBNET N-LIST consortium in the academic year 2013-2014.
- The N-LIST provides access to all kinds of resources which include more than 5000 e – journals and 100 e-books by offering individual user ids and passwords.

4.3.9 Annual budget to update, deploy and maintain computers

The institution makes a provision of about Rs.7 lakh every year in the annual budget for updating, deploying and maintaining the computers.

4.4 MAINTENANCE OF CAMPUS FACILITIES

The institution is endowed with good infrastructure which supports active teaching learning process. Special care is taken for infrastructure maintenance and protection. The exemplary physical facilities of the college are commensurate with students' need and staff requirements. The institution takes key initiatives to strive further for comprehensive infrastructural development.

4.4.1 Maintenance of campus

- Two qualified engineers take care of the maintenance of the buildings, class rooms and laboratories.
- The engineers design the buildings and supervise the construction work.
- The recently constructed indoor stadium and the conference hall are under their supervision.
- Landscape designers look after the beautification of the campus.
- Exclusive gardeners maintain the garden.
- The trees in the campus are tagged with botanical name by the Department of Botany.
- Surveillance cameras are installed in the campus for security.
- College buildings are painted periodically.
- Contract laborers are deployed to maintain the cleanliness of the campus.
- Scavengers recruited by the management keep the campus neat and tidy.
- Fire extinguishers are periodically recharged and maintained for safety purposes.

4.4.2 Maintenance and repair

- To fix the electricity related problems, public addressing system and generators, two electricians are appointed.
- A technician is appointed to maintain the air conditioners, water coolers and refrigerators in the departments, offices and computer centers.
- There are three well established computer centers with lab assistants and one technician for maintaining computer systems.
- The hardware related problems and power backups in computer centers are attended to   by service engineers on call.
- IMF centre maintains the instruments and kits available in different departments.
- Copier machines and power backups are maintained under the Annual Maintenance Contract (AMC).
- Sophisticated Instruments are maintained by service experts on call.

CRITERION V

STUDENT SUPPORT AND PROGRESSION

STUDENT SUPPORT AND PROGRESSION

5.1 STUDENT MENTORING AND SUPPORT

The institution is committed to providing necessary support to the students to acquire meaningful experience of learning, for their comprehensive development and progression.

5.1.1 Structure and functional characteristics of student supporting and mentoring system.

- The College has a working system for student support and mentoring.
- The Staff Council comprising all the Heads of the Departments and Principal as Chair-person frequently meets and discusses not only the progress of the students but also the issues related to them and also the schemes and support services available to the students.
- The Coordinator for student services looks after the matters related to student support services.
- The institution nominates a mentor exclusively for every class to counsel the students and also to monitor the progress of the students.
- From each class one meritorious student is elected as Student Representative.
- The Coordinator and the mentors of various classes, in consultation with the Principal who is the executive head of the college, serve the students through separate cells.
- Placement Cell, Career Guidance and Counseling Cell, Centre for Entry in Services, Equal Opportunity Centre, Quiz Club, CWED, Yoga Club, Fine Arts Club and Department Associations co-ordinate the development of the physical, economical, psychological, social and spiritual dimensions of the students.

Organization Structure of the Student Support System of the College
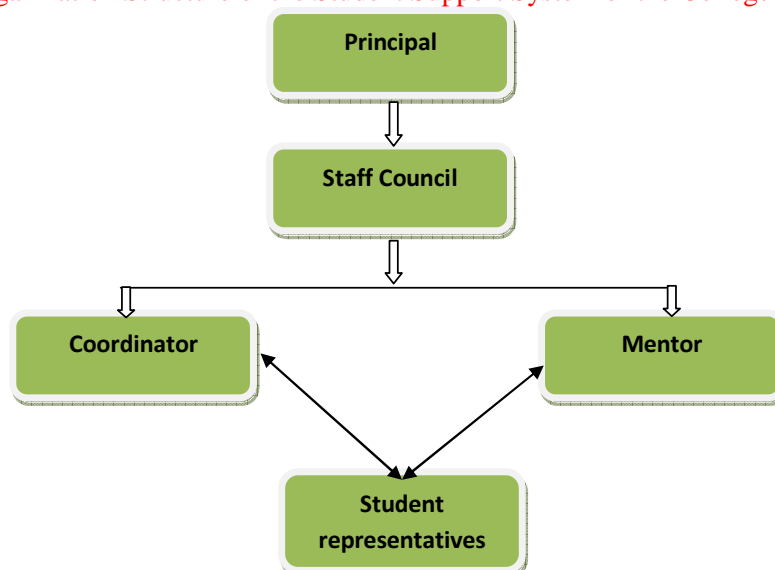
The functional characteristics of the Student Support System

The institution provides the following functions towards a strong student support system:

- Organizing orientation program for the freshers and the parents.
- Organizing orientation meeting of resident students and parents on the day of admission.
- Arranging medical inspection for all the students.
- Distribution of ID cards to students.
- Providing good canteen facilities.
- Running student mess under dividing system in the hostel.
- Providing necessary assistance to all the students in Postal and Banking services (Opening account and getting ATM cards).
- Transport facilities to girl students.
- Distribution of various financial support schemes like scholarship and loan scholarships to the students.
- Encouraging the students to organize and participate in cultural programmes both on and off the campus.
- Providing platform for the students to improve their soft skills through Computer Club.
- Soft skill Development Cell and guiding the students for their employability through Career Guidance Cell.
- Conducting Remedial Coaching classes, Coaching Classes for Competitive Exams, UGC-NET and CSIR.
- Provision for earning while learning for the benefit of students.

5.1.2 Provisions for academic mentoring

- The mentor nominated by the department sincerely and effectively monitors the progress of the students in the class.
- The mentor redresses the emotional and academic problems of their students.
- The mentor guides the students in making the right choices regarding the Elective, Non-major elective and Enrichment courses.
- The mentor records the progress of the students.
- Every department organizes a Parent-Teacher Meet at least once in a year, to evolve a rapport with the parents and to keep them informed of the academic progression of their wards.
- Slow learners are identified and remedial classes are arranged for them to cope with their studies.
- Men and Women Counselors counsel the students as and when required.
- The Warden and the Residential Superintendents counsel the inmates of the hostel.

5.1.3 Techniques employed for the enhancement of personality of students

The student support systems of the College offer various avenues for wholesome development of students to make them intellectuals with the aid of following cells:

- Placement Cell
- Career Guidance Cell(CGC)

- Equal Opportunity Centre
- Soft Skill and Personality Development Cell
- Women Empowerment Cell
- Communication Skill
- Stress Management
- Time Management

Placement Cell

- A Placement Cell with a specially designated Placement Officer and a team consisting of a link person from each department has been successfully functioning.
- It has an annual agenda of activities towards improving the placement activities in the campus.
- The department link persons disseminate information on career opportunities and monitor students' participation and training sessions.
- The Placement Officer takes strong initiatives to interact with various industries and as a result campus recruitment takes place at regular intervals.
- The Placement Cell also helps the students to participate in various off-campus activities.
- Due to the sustained efforts of the Placement Cell more and more students get recruited every year.

The placement details are shown below.

Students Placement in the last four years

Year	Number of Students Placed
2010-2011	32
2011-2012	26
2012-2013	38
2013-2014	43

Career Guidance and Counseling Cell

- Career Guidance and Counseling Cell supplements the activities of the Placement Cell.
- A Coordinator is in charge of organizing the activities of the Career Guidance and Counseling Cell.
- With the funding from UGC, the students are given training in all aspects for campus recruitment and placement.
- The training includes development of Communication Skills, Quantitative Aptitude, Problem Solving Techniques, Logical reasoning and Analytical reasoning, Mock interviews, Group Discussion and Brain Storming.
- The Cell also imparts training on the skilful preparation of curriculum vitae.
- The students are divided into various groups for receiving the training.

Equal Opportunity Centre

- For the underprivileged and minority students, sequential programmes are organized by the Equal Opportunity Centre.
- The University Grants Commission provides funding for organizing various sensitizations and training programmes under the Equal Opportunity Centre.
- One faculty member is in charge of coordinating the activities of the centre.
- Awareness programmes are being arranged for getting Government scholarships and utilizing other Government schemes.
- Special Soft Skill programmes are organized exclusively for the students belonging to under privileged section.
- EOC will provide them a level playing ground to compete with other students.

Soft Skills and Personality Development Cell

- It aims at enhancing the soft skills and personality development for placement.
- Soft skills and Personality development programmes are arranged for students periodically.
- The students have soft skill segment such as Spoken English, Personality Development, Analytical Skill and techniques in succeeding in interviews and debate as off-class programmes.

Women Empowerment Cell

- Women Empowerment Cell is established to take care of the gender related issues of the girl students.
- The Cell regularly conducts Gender Sensitization Programmes and counsels the girl students on their rights and privileges. The Cell seeks to instill confidence among the girl students.
- Awareness programmes for women protection and getting Government scholarship.

5.1.4 Prospectus and Handbook - Sources of information

- The prospectus is updated annually and given to the applicants along with the application form.
- The prospectus offers details such as courses available, course requirement, fee structure and the available student support systems.
- The prospectus and application forms are also available on the website, which can be downloaded by the applicants.
- The Handbook is also updated annually.
- All necessary information required by the students is comprehensively given in the Handbook.
- Rules and regulations, Anti-ragging measures and important telephone numbers are given in the Handbook.
- The handbook also contains College Crest and Motto, Vision and Mission, History of the College, Particulars of Management, Faculty members, Infrastructure, Learning resources, Courses offered, Evaluation system, Fee structures, Scholarships, Research facilities, General discipline, Co-curricular, Extra-curricular activities, Endowments, Department Associations, Hostel facilities, Library facilities etc.

5.1.5 Scholarships

- Deserving UG and PG students who do not receive any government scholarships are given financial aid from Students Aid Fund every year by the institution.
- Through the endowments, sports uniform and health drinks are provided to the outstanding sports students

The details of the scholarships given by the college management are furnished in the following table.

Year	Student Aid Fund			Sports Scholarship	
	UG	PG	Amount in Rs.	Number of Students	Amount in Rs.
2010-2011	12	2	5600	20	10000
2011-2012	9	2	7100	25	12500
2012-2013	7	2	10400	30	15000
2013-2014	7	2	10400	40	20000

5.1.6 Financial assistance from the government agencies

- The institution takes sincere efforts to provide more than 90 % record of the students with financial assistance in one form or other to ease their economic strain.
- To uplift the downtrodden and underprivileged sections of the student community, the college takes initiatives to get scholarships for all SC/ST students and economically backward BC, MBC and DNC students from the Government of Tamil Nadu.

The details of scholarships received for the past four years (2010-14) under various heads are furnished below:

Year	Name of the Scholarship	No. of Beneficiaries	Amount Rs
2010-2011	BC/MBC/DNC	312	2,62,061
	SC/ST	180	8,64,790
	SC Special Scholarship (Loan)	33	2,17,500
	Spices Board	19	9,700
	EVR Nagammai	37	27,750
	Government of India	01	2500
	Labor's (Farmers)	102	2,03,500
	Securities & Welfare Scheme	307	6,40,250
2011-2012	BC/MBC/DNC	323	2,75,674
	SC/ST	123	6,67,565
	SC Special Scholarship (Loan)	71	4,66,000
	Spices Board	-	-
	Government of India	01	1500
	Labor's (Farmers)	-	-
	Securities & Welfare Scheme	-	-
2012-2013	BC/MBC/DNC	355	3,10,826
	SC/ST	314	18,72,472
	SC Special Scholarship (Loan)	95	7,18,000
	Government of India	01	1500
	Labor's (Farmers)	-	-
	Securities & Welfare Scheme	-	-
2013-2014	BC/MBC/DNC	151	1,36,386
	SC/ST	321	22,47,000
	SC Special Scholarship (Loan)	43	3,26,000
	Spices Board	104	1,61,200
	EVR Nagammai	43	32,250
	Government of India	-	-
	Labor's (Farmers)	-	-
	Securities & Welfare Scheme	-	-
Total		2936	74,22,124

5.1.7 International Student Cell

As of now, there is no International Student Cell in the campus. As and when we get foreign students the institution shall establish the cell.

5.1.8 Support services for students

Support Services for Differently Abled Students

- The Differently abled students are given ramp facilities for their class rooms and library
- Resident students are given accommodation on the ground floor.
- The institution motivates the other fellow students to take care of differently abled students in their campus life.
- Institution helps the differently abled students to avail themselves of various aids from the Government through the District Welfare Office for Differently Abled Persons, Theni.
- Battery operated as well as fuel operated vehicles are given to these students with the Government aid.

- Commissionerate for Differently Abled Welfare Scholarships provides an annual scholarship of Rs. 3000/- and .3500/- respectively for UG and PG students.
- Visually challenged students have the provision for scribes.

Support services for SC/ST, OBC and other economically weaker sections

- The institution enlightens SC/ST, OBC and other economically weaker sections on the various scholarships, schemes and privileges available to them. The College is keen on claiming all the scholarships offered by the government and disbursing them in time.
- Our College aims at uplifting the marginalized sections of the students by providing free access to browse and borrow books from book bank.
- With the financial aid from the UGC, our institution organizes free coaching classes for entry level competitive examinations for Government services to the underprivileged students.
- Free coaching classes for NET/SET are organized under the financial assistance from UGC.
- The UGC provides funds for the establishment of Equal Opportunity Center. EOC conducts sequential training programmes besides awareness programme to equip them with the required skills.
- The institution organizes remedial coaching classes for the slow learners off class hours. The UGC provides funds to support the cause.

Support services for students to participate in various competitions/ conferences in India and abroad

- The students attending Seminars / Conferences / Competitions are given leave facility.
- Information on students' Competitions/Conferences in India and Abroad is displayed on department and common Notice Boards.
- The Fine Arts Club of the college helps to develop oratorical and cultural talents among the students.

- It also encourages the students to participate in various competitions / cultural events at College, University, State and National levels by the way of providing them with necessary assistance.
- The Fine Arts Club has its own orchestra with necessary musical instruments. This enables the students to cultivate their musical talents.

Support services for health care

- A separate health centre with sick bay is in place.
- Medical check-up for all the first year students is done every year.
- A Doctor visits the Men and Women Hostels.
- Physical Education Department has first aid box for minor ailments.
- The Alumni Association organizes free dental check-up and eye-checkup for all the students.

- The Association also conducts a physiotherapy camp for the benefit of students.
- Students Welfare Canteen provides nutritious and hygienic food at competitive rates.

Support services for skill development

- The institution has a separate Placement Cell with a placement officer.
- Placement Cell also renders free training programmes in various fields such as communication skills, aptitude, logical reasoning etc., for enhancing the employable skills of the students through Soft Skill and Personality Development Cell (SSPDC).
- SSPDC conducts special sessions to improve the inter personal and intra personal skills.
- SSPDC trains the students to face the interview, manage stress and to prepare for competitive examinations.
- English Language Lab is established for enhancing communicative skill in English.
- The Career Guidance Cell (CGC) of our institution highlights the various avenues for higher education.
- Students are trained in preparing scientific curriculum vitae which is very important for marketing one-self.
- The Physical Education Department gives special training to the students for joining uniformed services.
- Students are offered Enrichment courses to develop multi-faceted skills.

Support services for slow learners to avoid dropouts

- Dropout rate is very minimal in the institution. No student has dropped out of the course due to his/her inability to cope with curriculum. Some students dropped because of employment (Police, Indian Army, Navy, etc.)
- Bilingual remedial coaching is given to the slow learners to improve their learning efficiency.
- Personal Counseling is also given to the students to dissuade them from dropping out.
- The Mentor meets the slow learners personally and motivates them to improve their standards. Intensive pre-exam preparations are given to slow learners by the department concerned

Support services to expose the students to other institutions of higher learning

- The CGC encourages the students to take entrance examinations to pursue higher learning in reputed institutions.
- Visits to corporate firms, research labs and academic institutions of reputation enable them to make better options for career and higher studies.
- Students are informed about the avenues of higher learning through department associations.
- Awareness programmes to pursue higher and professional learning are conducted by external experts from reputed management and computer institutions.

- Post graduate students are encouraged to write Competitive examination to get research scholarships.

5.1.9 Guidance / coaching classes for UGC- NET / CSIR-NET / SET and other Examinations

- The college takes adequate measures through CGC and CES to prepare students for UGC-NET/CSIR-NET/SET, Civil Services and other exams.
- Coaching classes are organized in the campus with financial assistance from UGC.
- The programme is conducted for final year PG students of various disciplines.
- Subject experts from within the campus and outside campus are engaged in the training programme. Sufficient learning materials are given to the student participants.
- The College Library makes adequate reading materials available for such preparations.
- A compendium of the question papers of various competitive examinations is available in the General Library for the benefit of the students.
- Internet services are also available to the students in the campus to enable them to prepare for various competitive examinations.
- The General Library has setup a separate section for display in standard journals and other books for the preparation of the competitive examinations.
- A team of teachers drawn from various faculties conduct free coaching programmes for the final year students to enrich their level of proficiency to face competitive exams and interviews.
- Placement Cell organizes free coaching classes for entry level competitive examinations for Government services under the financial assistance from UGC.

The outcome of these efforts

- Some of our Students have successfully qualified UGC-CSIR –NET and SET examinations during the last four years.
- Many of our students are placed in Commercial Banks, Group II, Group IV government services.
- Many of our students attended Tamil Nadu Common Entrance Test (TANCET) to pursue higher studies in reputed institutions.

5.1.10 Policies for enhancing student participation in sports and extracurricular activities

The college promotes participation in sports through flexibility in admission, fee and attendance concession and boarding and lodging arrangements.

- Students who have a good track record in sports are given priority in admission in the subjects of their choice. Sports students are given free sportswear, sports kits, shoes etc.
- Fees concession is given to students of self finance stream.
- The institution provides complete academic flexibility for sports students so as to enable them to represent our institution with all mental ease in competitions at various levels.
- The department trains the sports persons throughout the year to achieve desired levels of excellence.
- The Management financially supports the Cardo-Comp sports and cultural events and awards prizes.
- The fine arts club trains the students to take part in cultural events in intra and inter collegiate and inter University competitions.

5.1.11 Institutionalized mechanism for placement

- The College has a Placement Cell.
- The college regularly signs MoUs with various industries and placement agencies for placement.
- It arranges campus interview by inviting many companies.
- It helps the students to participate in the off-campus interview as well.
- Placement Cell organizes free training programmes to the students in various areas such as Communication Skills in English, Aptitude, Personality Development, Emotional Intelligence, Soft Skills and Logical Reasoning.
- It conducts mock-interviews and group discussions to enable the students to participate in campus interviews confidently.
- It trains the students to prepare well compiled resume.
- It collects Bio-data from all the final year UG and PG students and sends them to a number of corporate companies and thus facilitates students' placement.
- SSPDC enhances the students' skills which are expected during placements.
- SSPDC prepares the students for better employability.
- Successful entrepreneurs are invited to share their experiences to motivate the students to meet their expectation regarding start – up business ventures.
- UGC sponsored Equal Opportunity Center offers awareness programmes for placement and self-employment for underprivileged students.

5.1.12 Students Placements

The institution takes sincere efforts through Placement Cell, SSPDC and EOC in imparting rigorous training to the students with an ultimate motive to get employment for the students in reputed companies. The integrated efforts of all these cells result in an increased number of placements for the students over the last few years. The number of students placed during the campus interviews for the last four years are exhibited in the following chart:

Number of Students placed through the campus interviews during the last four years

Number of Students Placed
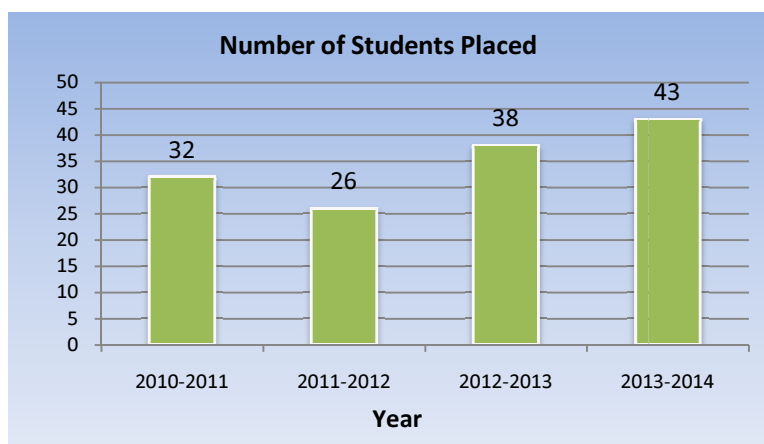
Placement and Training Cell

Number of students placed in the campus interview

Year	Name of the Company	No. of Placements
2010-2011	Tirupur Renaissance (P) Ltd. Tirupur	9
	Scientific Publishing Service Pvt. Ltd. Chennai	18
	Muthoot Fincorp, Trichy	5
2011-2012	Eureka Forbes, Chennai	11
	Spanco BPO Services, Chennai	8
	Muthoot Fincorp, Trichy	7
2012-2013	Scientific publishing service Pvt. Ltd. Chennai	26
	Tirupur Renaissance (P) Ltd. Tirupur	9
	Eureka Forbes, Chennai	3
2013-2014	IC ICI Bank	3
	Muthoot Fincorp, Trichy	6
	Tirupur Renaissance (P) Ltd. Tirupur	18
	Scientific publishing service Pvt. Ltd. Chennai	16

5.2 STUDENT PROGRESSION

The students come to our institution with great zeal and lofty dreams. The institution has also a sound track record of academic excellence. Every year our students bag the top ranks in the University merit list. The academic performance of our institution is comparably better than the Madurai Kamaraj University result average course wise.

5.2.1 UG and PG pass percentage

- Student progression is monitored by several means. Programme-wise success rate is one such yard stick for measuring the student progression.
- Undergraduate and Postgraduate pass percentage of the students is collected and furnished in the following table with number of University rank holders.

Academic Years	UG COURSES		PG COURSES	
	Pass Percentage	University rank holders	Pass Percentage	University rank holders
2010-2011	66.48	08	85.58	-
2011-2012	81.67	03	85.09	01
2012-2013	76.09	-	77.88	-
2013-2014	78.78	-	84.78	01

Programme-wise result analysis for the past Four years is given in the following table.

Programme-wise pass percentage in the last FOUR years

Sl. No.	Department	2010-2011	2011-2012	2012-2013	2013-2014
	UG COURSES				
1.	B. A. English	76.31	90.62	78.78	86
2.	B.A. History	71.42	72.72	78.94	80
3.	B.A. Economics	47.05	85.18	80.76	93
4.	B.Com.	80	85.50	76.11	87
5.	B.Sc. Mathematics	90.62	84.16	82.5	84
6.	B.Sc. Chemistry	83.33	86.19	86.94	88
7.	B.Sc. Computer Science	92	96.29	96.55	92
8.	B.Sc.(Electronics)	42.85	88.88	-	-
9	B.A English(SF)	-	-	-	85
10.	B.C.A.	72.72	92.68	72.22	79
11.	B.Com(SF)	58.53	74.46	76	87
12.	B.Sc. Information Technology	-	-	-	92
13.	B.B.A.	-	-	100	80
14.	M.Sc. Mathematics	92.30	73.68	73.63	74
15.	M.Com	60	66.66	63.63	73
16.	M.Sc. (CS & IT)	90	100	90	100
17.	M.Sc. Chemistry	-	-	70	71
18.	M.Sc. Industrial Chemistry	-	-	-	75
19.	M.A. English	-	-	-	70
20.	M. Phil. Commerce	100	100	100	100
21	M. Phil Mathematics	-	-	100	100
22	M. Phil. Chemistry	-	-	40	100

5.2.2 Students progression to higher education or employment

- The courses offered in the institution are providing a strong base to enhance the vertical mobility of students. The statistics shows that during the last Four years about 45% of the students pursue their higher studies on an average and remaining 55% go for employment.
- Around 30% of the undergraduate students pursue PG programmes and 15% of the postgraduate students pursue M. Phil. Programmes. On an average 2% of the PG students pursue their Ph.D. programme in our institution.

- The progression of students to higher education or employment for the four years is highlighted in the following table:

Student progression to higher education/employment (in percentage)

Year	% of Students gone for Higher studies			% of Students got employment	
	UG to PG	PG to M.Phil.	M.Phil. to Ph.D.	Campus	Others
2010-2011	50	20	5	20	50
2011-2012	55	25	10	22	40
2012-2013	62	30	12	31	56
2013-2014	65	32	15	35	52

5.2.3 Programme-wise completion dropout rate

- The minimum dropout that happens in various courses in the institution is due to reasons other than learning: getting employed, ill health, marriage, transfer of jobs of parents etc.

  The programme-wise details of dropout rate is computed and exhibited in the

Courses	2010-2011			2011-2012			2012-2013			2013-2014		
	A	L	DR	A	L	DR	A	L	DR	A	L	DR
Aided Courses												
B.A. History	20	2	0.1	12	0	0	13	1	0.07	34	3	0.09
B.A. Economics	22	2	0.09	18	1	0.06	26	1	0.04	37	3	0.08
B.A. English	56	5	0.09	53	4	0.08	61	5	0.08	59	4	0.07
B.Com	27	2	0.07	35	3	0.09	29	2	0.07	31	3	0.1
B.Sc. Mathematics	24	2	0.08	41	2	0.05	45	4	0.09	54	5	0.09
B.Sc. Chemistry	45	2	0.04	45	3	0.06	50	3	0.06	55	4	0.07
B.Sc. Computer Science	35	2	0.06	38	3	0.08	39	3	0.08	37	3	0.08
M.Sc. Mathematics	9	0	0	22	0	0.09	21	2	0.1	28	2	0.07
M.Com	38	2	0.05	39	3	0.08	35	3	0.09	25	2	0.08
Self-financing Courses												
B.C.A.	26	2	0.77	17	1	0.06	41	4	0.1	39	3	0.08
B.Com.(SF)	36	3	0.08	43	4	0.09	58	4	0.07	77	6	0.08
B.A. English (SF)	67	6	0.09	84	7	0.08	62	5	0.08	85	7	0.08
B.Sc. (IT)	-	-	-	13	0	0	15	1	0.06	18	1	0.06
B.B.A.	-	-	-	-	-	-	04	1	0.25	15	-	0
M.Sc.(IT)	9	0	0	12	1	0.08	9	0	0	17	1	0.06

following table:

(A: Admitted   L: Left   DR: Dropout rate)

5.2.4   Students appeared/qualified for high level examinations (UGCCSIR- NET, UGC- NET, SLET, ATE / CAT / GRE / TOFEL / GMAT / Central / State services, defense, Civil Services, etc).

- The number of students who qualified themselves in examinations like CSIR NET,UGC–NET/SET/CAT/MAT/TANCET/GMAT/Central/State Government Services, Banking Services Examinations in the last FOUR years.

Students qualified high level examinations

Qualifying Exams	No. of Students Qualified
CSIR – UGC – NET	08
SET	10
TANCET	10
Central / State services	50
Banking Services	20

5.2.5 Details regarding the number of Ph.D. theses.

- **T**he institution feels proud that none of the Ph.D. thesis submitted under the guidance of research supervisors of our college has been rejected or sent back for resubmission. The details of Ph.D. theses submitted and successfully accepted for the last four years are enumerated below:

No. of Ph.D. theses awarded in the last Four years

Department	2010-2011-	2011-2012	2012-2013	2013-2014
Commerce	04	05	03	04
Mathematics	01	02	02	02
Chemistry	01	01	01	01

5.3 STUDENT PARTICIPATION AND ACTIVITIES

- Various Association, Cells and Clubs are working efficiently in the college which encourages the students to take part in co-curricular and extramural activities.
- Throughout the year, the students are vibrant with activities participating in various events at College, University, State and National level.
- To promote student participation in extra-curricular activities, the institution makes adequate arrangements in the form of various concessions and incentives.
- To Promote employment opportunity, the CGC give training on driving and swimming.

5.3.1 Student Participation in Physical education

The students actively participate in various sports, games, cultural and extracurricular activities.
- The institution promotes the following sports and games:
   Indoor: Chess, Table Tennis, Carrom, Badminton, Volleyball, Basketball and Gymnastics
   Outdoor: Track and Field Events, Football, Basketball, Kho- Kho, Kabaddi, Handball, Ball Badminton, Volleyball, Tennikoit and Cricket.
- Every year the college conducts special coaching camps for the students in the above sports and games. As a result, our students bring many laurels to the college by winning many events.
- The institution produces National, State and District level athletes and players.
- The college helps the District Association in organizing district leagues and Inter-state matches by hosting them.

- Physical Education is made a mandatory part in Part-V of the curriculum.
- The College received a sum of Rs. 70,00,000/- from UGC and the management contributed Rs. 30,00, 000/- to construct the Indoor Stadium which is nearly complete.
- The department organizes Police Fitness Training Camp for the benefit of our students. As a result, many of our students get recruited to the uniformed services.

Student Participation in Extracurricular Activities

- The college encourages the students to organize various cultural events within the college and to participate in competitions outside as well.
- The college also provides opportunities for the students to expose their various skills such as Folk Arts, Instrumental Music, Literary talents, Classical and Western Dance, etc through the Fine Arts Club and Cardo-Comp.
- All the students at the UG level join any one of the activities like NSS, NCC, Consumer Clubs and Sports to accomplish Part V of the curriculum.
- Consumer club of our college conducts Consumer Rights Protection awareness programme and Theni District consumer festival funded by Tami Nadu State Government.
- The NCC of our college has emerged into a new force in the campus. It provides regular training to the Cadets. In addition to that, it organizes several voluntary and Intensive Skill Based programmes to the Cadets.
- The NSS, with its Three Boys units and Three Girls units, does yeomen service to the society and also to the campus in creating awareness programmes and also cleaning programmes. It has secured many awards and brought laurels to the college.
- Students are also actively involved in club activities like College Consumers' Club, Red Ribbon Club and Youth Red Cross. Under these forums, many awareness camps, seminars, trainings and blood donation camps are organized.
- Our College Youth Red Cross Society was awarded the Best Performance in Youth Red Cross Movement by Indian Red Cross Society.

5.3.2 Awards and achievements of students in the last four years

The noteworthy participation of our students in the field of sports and games for the last four years is furnished in the following table.

No. of Students participated in Sports and Games

Sl. No.	Level	Academic Year			
		2010-2011	2011-2012	2012-2013	2013-2014
1.	Intercollegiate level	100	120	132	140
2.	Inter zonal level	22	26	28	20
3.	Inter University level	3	5	4	4
4.	State level	1	2	1	2
5.	National level	3	5	4	4

- Our students P. Vetriventhan of III B.A Eng and K. Mathan Kumar of II B.Com. (C.A.) won the match in Madurai Kamaraj University 'C' Zone Table Tennis Tournament held at K.C.C Kodaikanal(2010 – 11).
- Our College Football team has participated in the Madurai Kamaraj University 'C' Zone Football Tournament held at Anandar College, Karumathur.
- D. Arivazhagan of II M.Com. has been selected for Inter-zone (2011-12).
- Our student C. Balaji of III B.Sc. (C.S) selected for south zone Inter-University Tournaments held at Mangalore University, Mangalore (2012 – 13).
- Our College Chess team has participated in the Madurai Kamaraj University 'C' Zone Chess Tournament held at Madurai Kamaraj University, Madurai.
- S. Hariharan of I-M.A. English has been selected for Inter-zone Chess tournament (2013-14).
- Our College has conducted Madurai University 'C' Zone Sports and Tournaments Five consecutive times.
- Fine Arts Club motivates and encourages the students to take part in several cultural competitions. They have won many prizes. The students have finished as the District level winner for their outstanding exhibition of talents in the University Youth Festival (2013-2014).
- The NSS units of our college are the outstanding performers in Madurai Kamaraj University. A dedicated team of program officers and student volunteers render tireless social service.
- The **NCC unit** of our college creates an imprint in the track record of our institution.
- The NCC cadets perform impressively at various national level events. Some of them are highlighted below:

Sl. No	Year	Name of the Cadet	Activity	Place
1.	2010-11	C. Selvakumar	Pre RDC	Trichy
2.	2011-12	S. Santhoshkumar	TSC	Kumbakonam
3.	2012-13	S. Santhoshkumar	TSC	Kumbakonam
4.	2013-14	S. Baskar	All India Trekking	Bihar
5.	2014-15	A. Vijayakumar	TSC	New Delhi

5.3.3 Feedback on support services

- The Institution collects feedback from the students through pre structured appraisal form.
- Feedback forms collected from the students are duly scrutinized and necessary remedial measures are taken by the Principal in consultation with staff advisory committee.
- This good practice is followed in the institution to strengthen the commendable services rendered by the student support system in our campus.
- It is also used to rectify the drawbacks, if any, in the student support services and for further improvement.

5.3.4 Feedback from graduates and employers

- The IQAC prepares feedback forms to collect the feedback from the graduates as well as employers.
- The suggestions and recommendations received from them are considered and implemented in due course.

5.3.5 Student involvement in publishing in College magazine

- Student representative is an active member of the College Magazine Committee.
- Students are encouraged to submit their creative work like artistic drawings, short stories, verse writing and creative efforts in college magazine published every year.
- Best articles of students are published and duly recognized.

5.3.6 Constitution of Student Council

- The College has a provision for Students' Association.
- Principal is the Ex-officio President of the association. Principal nominates a senior teacher(s) as Vice-President(s).
- All students are the members of the Association.
- The student's representatives are the office bearers of the Student Association.
- Student Association activities are funded by the College Management.

5.3.7 Major activities of Students Council

- The Student Association serves as a liaison between the Head of the Institution and the student fraternity.
- Student Association renders voluntary services during the college programmes and College day function.
- They show active involvement in maintaining the tranquility of the college campus.
- They also play a vital role in the administration of students' hostel.
- They are given representation in Curricular, Co-curricular and Extra-curricular bodies.

Any additional information regarding Student Support and Progression

- College prayer song is played before the commencement of regular classes to enhance the spiritual value of the students.
- Students are permitted to use laptops on campus.
- The campus has a separate Student Welfare Canteen which provides quality food at competitive rate.
- Students' Co-operative Store is on campus for the supply of stationery to our students.
- Reprographic facility is available in the campus.
- Transport facility to Girl students is provided.

- Separate rest room with sanitation facilities is available for girl students (Day Scholars).
- Tamil Nadu State Transport and College owned buses are plying between the College campus and town and nearby villages.
- The institution celebrates important festivals to instill the spirit of nationalism and communal harmony among the student fraternity.

CRITERION VI

GOVERNANCE, LEADERSHIP AND MANAGEMENT

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 INSTITUTIONAL VISION AND LEADERSHIP

The institution has an effective leadership with good virtues and values. The institution gets along with all the stakeholders together in her journey towards achieving her vision and mission. The institution makes formal and informal arrangements to co-ordinate the academic and administrative planning and implementation in achieving her vision.

6.1.1 Vision and Mission of the college

Vision

Established with a view to propagating the fragrance of higher education, our institution strives for academic learning on a sound footing, intellectual substance on a wider platform, strong moral fibre on a solid base and an extensive and profound humane vision as the cornerstone of culture.

Mission

- To lend a hand of academic support to the economically underprivileged.
- To help the students shake off the burdensome tag of social backwardness.
- To impart learning of a kind that adds strength and competitiveness to the students to vie with their peers elsewhere.
- To provide value-based and quality-centered education and research programmes at affordable cost.
- To motivate the students to shape their own future on the wings of their dreams.
- To enable the students to evolve into worthy Indian citizens.

6.1.2 Distinctive characteristics of the College.

Serving the underprivileged

The institution is located in an educationally and socially backward area with low Gross Enrollment Ratio (GER) in higher Education in the south western part of Tamil Nadu. Quality education at an affordable cost is a distant dream for many of the students in this downtrodden area. The emergence of this temple of learning makes their dream come true. Our College provides quality with holistic education to these rural youths from underprivileged society with different socio-cultural background and transforms them into responsible nation builders of the future. The College is very happy and proud to admit increasing number of girl students with the result that about 70% of our students is made up of eager and willing girl students.

Service without bias

Students are admitted to this institution without any bias whatsoever. Students come from semi-urban and rural backgrounds predominantly from schools with Tamil

as the medium of instruction. At present, almost Sixty percent of the students of this institution are first generation learners. Admission to students is given purely on merit and social justice.

Core values and ethos

The college is built on the core values of honesty and integrity. The institution maintains equality in all academic and administrative affairs. It serves the community with respect for life, careful sensitivity and with quest for excellence.

Sustenance of vision and mission:

The institution makes a ceaseless effort to realize the vision and mission of our college by dedicating our services.
- To improving the quality of student learning.
- To enhancing character building of our students
- To bringing about a healthy change in their outlook and attitude
- To benefitting the society at large.

The institution also takes sustainable efforts:
- To update the faculty members on the latest trends in higher education and teaching pedagogy.
- To ensure through FDP that the teacher is a continuous learner.
- To help motivate the students to become life-long learner.

6.1.3 Leadership in organizational management system

The college has well defined participatory management system. The Managing Board is the apex body. The Board at the highest level gives enlightened leadership to the College Committee and the office bearers.
- The College Committee which is a statutory body supervises the academic affairs and internal administration of the institution.
- The College Committee, besides the Managing Board members, comprises the Principal, representative from the University and the two senior faculty members of the institution.
- The day- to- day administration is governed by eight elected representatives of the College Managing Board namely, President, Vice-President, Secretary & Correspondent and five Directors.
- The Management meets every week to take stock of the activities of the institution.

Leadership by the officers of the college

The college enjoys the collective leadership of dynamic administrative team under the leadership of the Principal, who is the Head of the institution. A council of staff members which includes all Heads of Departments gives suggestion to the Principal on all academic matters including the maintenance of discipline. The Office Superintendent of the college is in-charge of maintaining the accounts and records of the college.

The college has a vibrant **IQAC** with Principal as the chair person. The IQAC takes care of the quality sustenance and enhancement in all its parameters. IQAC is a

nerve center in the administration of the institution. The IQAC meets periodically to review the College activities.

The curricular and co-curricular programmes of the institution are effectively carried out by a team of dedicated faculty members constituted for the specific purpose. Every year, the Principal constitutes different committees by including the faculty members in accordance with their aptitude and expertise. Every permanent faculty member is a member of one committee or other for participatory governance.

- The institution strives hard to ensure continuous improvement through various means.
- Each department is required to make departmental annual plan at the beginning of every academic year.
- At the end of the year the implementation of annual plan is thoroughly appraised by the Principal.
- The management and the Principal earmark sufficient sum of money for every department for developmental activities.
- An Internal Academic Audit Committee (IAAC) is constituted for carrying out academic audit every year. Through this rigorous exercise the strength and weakness of the system are assessed for sustainable growth.
- Planning and Evaluation Committee (PEC) analyzes the feedback given by the stakeholders to plan for further improvement.
- The faculty members are encouraged continuously to enrich their knowledge through various academic interactions at various levels.

Interaction with stakeholders

- The college maintains healthy relationship with all its stakeholders.
- The Management committee maintains a cordial relationship with the faculty members and it periodically interacts with them for scaling the institution to a greater height.
- The Principal takes into confidence all the teachers in the important decision making process.
- Parent-teacher meeting is conducted regularly. This creates a strong bond between the parents and the institution.
- The Principal conducts students association meeting periodically and take appropriate steps to redress their grievances.
- The Management honors the rank holders every year at the college day function.
- The contributions of alumni to their alma-mater is very much praise worthy. Even after leaving the campus they continue to contribute their mite to the overall development of the institution.
- Alumni motivate the students in pursuit of higher achievements through establishing endowments.

Interaction with larger society

- The Principal and faculty members make specific efforts to interact with the public whenever possible.
- The institution strives to further social and noble causes like containment of natural calamities, blood donation, life saving activities, helping the blind and orphans.

- The Institution arranges YSSP and INSPIRE programmes sponsored by TNSCST and DST respectively to promote scientific temper among young school students of neighboring districts.
- Self-help groups are trained by CWED on technical and commercial aspects of manufacturing and marketing.
- Our NSS units conduct annual special camps in nearby villages and catering to their needs and meeting their expectations.
- Our College joins hands with local administration to promote voter awareness, use of renewable energy, clean and hygienic environment and protection of women.
- UGC Sponsored awareness programme ASTRA(Application of Science & Technology in Rural Area) is conducted in the following villages Adipatty, Valayapatty, Manjanaickanpatty, Valayathupatty, Keppurenganpatty and Boothipuram.
- The technically qualified faculty members share their knowledge with the needy public.
- Our College computer centre arranges computer oriented training to VAOs and Panchayat Union Presidents of Bodinayakanur Taluk for better local and civic administration.

Reinforcing culture of excellence

- Culture of excellence is inculcated in the campus through participatory leadership.
- A team culture is promoted among the management, teachers and students which enable them to internalize the core values and their sense of belonging.
- The College arranges Youth festival, Cardo-Comp, Pongal Sangamam, and Celebration of Religious festivals.

Championing organizational development

The College has an outstanding record in organizing, Managing, conducting and successfully hosting various events, competitions programmes and tournaments. It is a shining testament to the organization skills of the institutions.

M. K. University Youth Festival hosted by our college
- Our college bagged First prize with a trophy in Theni district.
- Our college finished the Sixth in the overall points tally in a field of twenty colleges finishing first in Quiz.

Science Awareness Prgrammes

- The Institution arranges YSSP and INSPIRE programmes sponsored by TNSCST and DST respectively to promote scientific temper among young school students of neighboring districts by giving opportunities to exhibit their creative scientific skills in the form of projects.
- UGC Sponsored awareness programme ASTRA (Application of Science & Technology in Rural Area) is conducted in Adipatty, Valayapatty, Manjanaickanpatty, Valayathupatty, Keppurenganpatty and Boothipuram.
- Best Projects are awarded with prizes and certificates.
  The Institution arranges intercollegiate events to promote the scientific talents of college students

Placement Cell

- The placement cell arranges *Placement Fest* by inviting BPO and e-publishing companies.
- Students from several colleges take part in it.
- Our students find placement.

Cardo-Comp

- The Cardo-comp competition has had an electrifying effect among students.
- It has inspired the competitors to take part with zeal and purpose.
- The competitions have helped the students to find self belief and strive for excellence.
- Our college is able to boast of a pool of talent from which to send a team for inter-collegiate and University cultural competitions.
- The Cardo-comp has nearly 35 events, over 150 prizes and spends almost Rs. 50000 every year.

Quiz Club

College Quiz club annually conducts inter-collegiate quiz competition and awards prizes to the winners.

Others

- Our institution is a nodal centre for distribution of Tamil Nadu Engineering Admission Application form.
- Our College is the centre for conducting TNPSC Examinations.
- Our College is the centre for conducting B.Ed. Examinations.
- The Institution frequently arranges Trade show organized by Department of Business Administration.
- Our College CWED organizes Entrepreneurial programmes regularly to the members of self-help group of Theni district.

6.1.4 Vacancy in Leadership

No leadership position is vacant in our institution.

6.1.5 Vacancy in statutory bodies

All the positions in the various statutory bodies are filled as and when necessary.

6.1.6 Promoting participatory management

- Collective wisdom is the strength of our institution.
- Participatory management is practiced in managing the institution and all the stakeholders are involved in the decision making process.
- The Principal is the head of academic and administrative affairs.
- All the heads of departments support the Principal in the administration.
- All policy changes are planned through a process of dialogue with the consensus of all the stakeholders.

- Students are also made on integral part of participatory management system. The constructive suggestions given by the Student Council are given due importance.
- While taking decision, especially in the administration related issues, the Principal gives due weightage to the inputs given by the staff.
- The students and non-teaching staff along with a faculty member are included in different working committees.

6.1.7 Leadership by the University to the College

- The goodwill of parental University, Madurai Kamaraj University is always enjoyed by the institution.
- The Principal of our college is an elected member of the Syndicate and an ex-officio member of Academic Council and the Senate.
- A senior faculty member is elected to represent our college teachers in the Academic Council.
- The University also deputes a University nominee for all the constituted bodies such as College Committee, Appointment committee and Course affiliation committee.
- The eminent academicians from the University offer guidance on areas of further development.
- The University offers membership and chairmanship in Boards of studies and Examinations.

6.1.8 Grooming the leadership

Leadership skill is a distinctive feature of our institution. Right from the President of the College Management Committee to the Staff, many of our members are either office bearers or members of various associations. Indeed our college serves as a launch pad for cultivating and enhancing leadership skills.

- Our founder president, Sri. R. BaluAlaganan, had been a Nationally renowned leader in his own right.
- He captained the Tamil Nadu Ranji Trophy Cricket Team which won the National team championship in 1958.
- He distinguished himself by having been the Treasurer of the Board of Control for Cricket in India (BCCI).
- He was the President of the TamilNadu Cricket Association (TNCA)for many terms.
- The College President is also the President of Cardamom Planters Association which is the parent body of our Institution.
- Our College President is an Executive Committee member of the Spices Board, the Ministry of Commerce, India.
- The College Vice-President is also the Vice-President of Cardamom Planters Association which is the parent body of our Institution.
- The College Secretary& Correspondent is the Treasurer of Aided College Management Association.
- Dr. N. Velraj, a Senior Director of our college Management is a member of Indian Medical Association.
- The head of the Institution of our college is the General Secretary of the Aided College Principals Association.

- Our College Principal is the University Nominee of the College committee, and Management Committee of H.K.R.H.College (Autonomous), Uthamapalayam.
- Our College Principal is the University Nominee of the College Autonomy Council, of Vivekananda College (Autonomous), Thiruvedagam.
- Our College Principal is a member of the Autonomous Awards Committee Meenakshi Govt. Arts College for Women (Autonomous), Madurai.
- Dr. P. Prince Dhanaraj, Head of the Department of Economics was permitted on lien to serve as the Controller of Examinations, Periyar University, Salem, Tamil Nadu.
- Dr. C. Elango, Department of Mathematics is a Doctoral Committee member of Gadhigram Rural Institute (Central University), Gandhigram, Anna University, BIT Campus, Trichy and Noorul Islam (Deemed)University, Nagerkoil.
- Many of staff members and Heads of the Departments serve in various capacities in the academic bodies of various Universities and Autonomous Colleges.
- The college deputes the faculty members from all departments to National level seminars/ training programmes to strengthen their leadership qualities.
- The faculty members are entrusted with the additional responsibilities to groom their leadership qualities.
- A judicious mix of junior members and senior members in various committees enables the junior members to imbibe the work culture of the senior members. Such arrangement has a synergetic effect on the institution.

6.2 STRATEGY DEVELOPMENT

Over the last 40 years, the college has recorded a tremendous growth because of the sustained strategies and planning formulated and implemented effectively.

6.2.1 The perspective plans

The college has a clear cut vision and strategy in the long-term perception for the overall development of the institution.

Teaching and learning

- College promotes value based and technology based quality education to promote global competency.
- The institution has already initiated ICT enabled teaching and learning in the campus.
- The teacher centric learning is gradually shifted to student centric learning.
- The interactive teaching and learning process and the curriculum that enfolds social, humanitarian and environmental dimensions leading to holistic development are the salient features of our teaching and learning process.
- The college initiates measures to secure a higher rate of success in NET, SET and State as well as Central Civil Services.

Research and Development

- The institution is known for its research and development activities.
- Extensive multi-disciplinary research activities are underway in the campus in collaboration with number of national research centers.
- The management encourages the staff members to pursue research and provides financial incentives.
- It is envisaged that each of the departments should have at least one major research project.
- Within the next couple of years, the institution plans to convert all the departments into research centers.
- In the long run, the institution is planning to have more collaborative research projects and acquire patents to the college.

Community engagement policy

- The institution has already adopted two villages as part of our extension programme.
- The institution visualizes an interface programme with the nearby schools to attract the students to pursue their higher education in our institution.
- The Institution frequently arranges Trade show organized by Department of Business Administration.
- Our College CWED organizes Entrepreneurial programmes regularly to the members of self-help group of Theni district.
- The institution has established a Community Consultancy Centre (CCC) through CWED and Centre for Extension Activities (CEA).

Industry interaction programme

- The institution encourages Departments to create MOUs with the reputed industries for in-service training and internships.
- The College encourages the Commerce and Business Administration students to undergo internship in various industries during vacation.
- The Post Graduate students of Computer Science &IT and Chemistry are encouraged to undergo industry oriented projects during the final semester.
- The Department of Mathematics did consultancy service in the implementation of Matlab software for Tamil Nadu State PWD Engineering projects.
- The Research department of Chemistry offers the consultancy services to nearby industries and other institution using its DST-FIST sponsored sophisticated Lab.
- The Department of Computer Science offers project consultancy to Cardamom Planters Association and other neighbouring industries.
- The Department of Commerce offers consultancy service in tax related issues to the business public.
- The Department of Mathematics and English share their expertise to the young teachers working in nearby schools and colleges.
- The Department of Botany offers Plant identification for the planters and agriculturists.

- It is planned to invite more number of successful industrialists to interact with the students to develop the entrepreneurial skills of the students.

Human resource planning and development

- The College Management takes sincere effort to fill in all the vacancies (Teaching and Non-teaching) to cavy on the un-interrupted service to student community.
- The Management also appoints staff members as a stop gap measure in the case of unfilled vacancies in spite of huge financial strain.
- The institution develops, revives and updates the competency of teachers through continuous monitoring and evaluation.
- The teachers are recruited strictly on the basis of merit and also on the basis of government norms.
- The institution promotes Faculty Development Programs.
- Some staff members of our college act as resource persons to neighboring schools and colleges for various academic activities.
- Special training on computer is given to the support staff in the office.
- Through CGC and CES the College conducts training programmes for Higher Education and Competitive Examinations for employment to the student.

6.2.2 Internal organizational structure

College internal organizational Structure
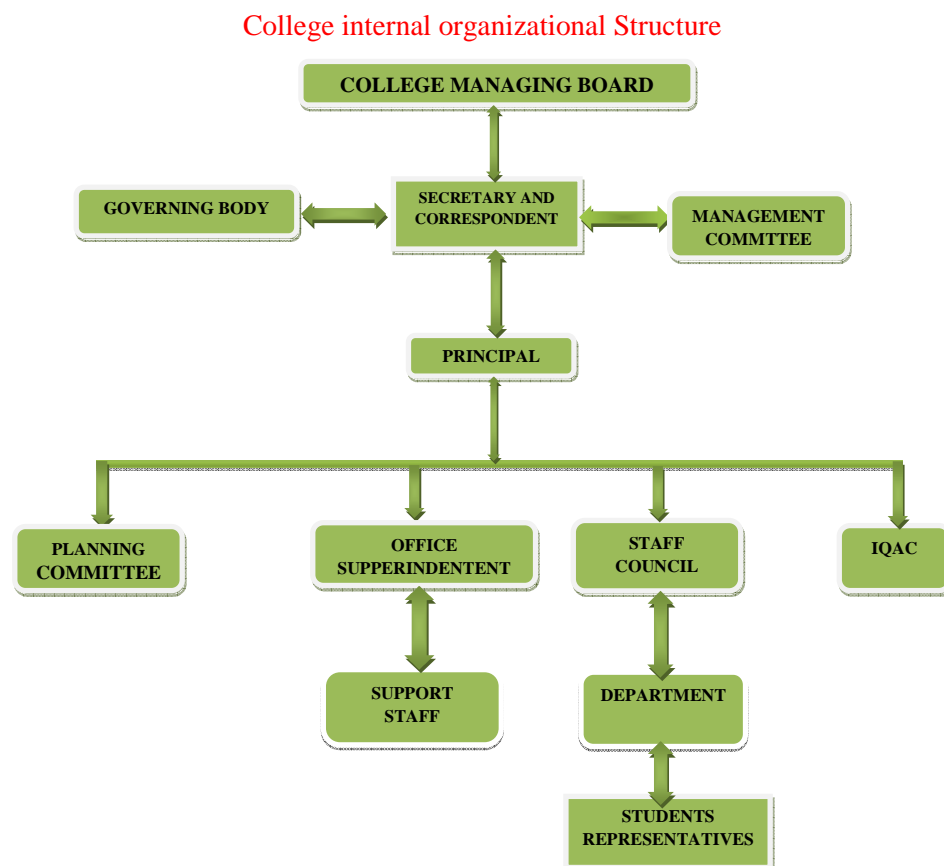
- The organizational structure facilitates participatory management in the institution.
- Both the top-down and bottom-up approach is used in the organization.
- The internal organizational structure provides not only the line authority but also the staff authority.
- The institution has a culture of taking into confidence all the stakeholders before taking crucial decisions.

6.2.3 Planned proposals initiated and executed

The details of proposals implemented in the last four years are furnished below:

Table 6.1 The plans initiated and implemented in the last four years

Year	Plans Implemented
2010 - 2011	- Introduced M.Sc. Chemistry under self-financing - Introduced B.B.A. and B.A(English) under self-financing - Introduced Certificate Course in Industrial Chemistry - Introduced PG diploma in Accounting for Small enterprises - A massive indoor stadium supported by UGC sports facility scheme is under construction with the huge outlay of Rupees 1.12crores. - The institution received a sum of Rupees 11.48 lakhs. as Research Grants.
2011-2012	- Introduced B.Sc.(IT) under self-financing - Introduced M.A(English) under self-financing - Introduced Certificate Course in Human Rights Education - The institution received a sum of Rupees 5.82 lakhs. as Research Grants.
2012-2013	- Introduced Certificate Course in Chem. informatics - Introduced Certificate Course in Medical Lab Technology - Introduced Certificate Course in Environmental Chemical Analysis - Introduced M.Sc.(Industrial Chemistry) Course under UGC innovate programme. - Introduced M.Phil.(Mathematics) under self-financing - Introduced M.Phil.(Chemistry) under self-financing - The institution received a sum of Rupees 14.35 lakhs. as Research Grants.
2013-2014	- Introduced Ph.D.(Mathematics) under self-financing - Introduced Ph.D.(Chemistry) under self-financing - The institution received a sum of Rupees 9.27 lakhs. as Research Grants.
2014-2015	- Introduced M.Phil.(Computer Science) under self-financing - Introduced M.Phil.(English) under self-financing - The institution received a sum of Rupees 79.22 lakhs. as Research Grants.

6.2.4 Quality policy

- The quality policy has been formulated to synchronize the stated vision and mission of the institution.
- The institution focuses on imparting complete education at affordable cost to the underprivileged students of this backward rural area without compromising on quality.
- Research and extension activities are given equal prominence as is given to teaching and learning.
- The institution is equally committed to impart ethos and values among the taught.
- The Internal Quality Assurance Cell ensures that these policies are implemented and regularly reviewed by the Management.
- The Principal and the Management ensure that this policy is communicated to all the stakeholders.

6.2.5 Grievances redressed and analysis of grievances

- The institution has an inbuilt mechanism to address and redress the grievances of all the stakeholders in general and the teachers and the taught in particular.
- The faculty members and support staff can bring their grievances to the Principal.
- The Principal and the Management are accessible to share any genuine concerns of staff members.
- The grievances of the students are mostly addressed at the department level by the Head of the Department, the mentor-teacher and Students Association.
- Exceptional cases may be referred to the Principal for solutions.
- Parents share their grievances with the teachers in the Parent – Teachers Meeting or by special appointment with the Principal or the Head of the Department.
- Suggestion boxes are placed in the college administrative block.
- During the last four years, the institution has not received any major grievances from the students.

6.2.6 Students' feedback on Institutional performance

- The college gets regular feedback from the Students, Parents and Alumni.
- A pre-structured questionnaire is prepared for this purpose.
- The questionnaire consists of aspects related to learning, infrastructure and the student support system.
- The data collected are analyzed by the IQAC and the Principal is informed for further action.

6.2.7 University Institution Linkage

- The University acts as a coordinating link between the Institution and UGC through College Development Council (CDC).
- The University plays a supporting role for all the educational innovations in the campus.

- University deputes their representatives to various statutory bodies of this institution and receives Staff members from the institution to various University bodies.

6.2.8 Benefits of College Development Council (CDC)

- The CDC recommends our faculty members for the Faculty Development Programmes.
- It also helps in procuring funds under various merged schemes from various funding agencies including UGC and DST.
- The CDC forwards all the research proposals to various agencies.
- CDC sends circulars on anti -ragging measures, UGC Schemes, Scholarships, SC/ST welfares schemes, last date for admission etc.,
- CDC verifies and approves the qualifications of faculty appointed as per UGC Norms.

6.2.9 Feedback from Non-teaching staff, Teaching staff, Alumni and Parents

- Feedback from teaching staff is obtained and remedial measures taken.
- Feedback from Non-Teaching staff is obtained and remedial measures taken.
- Parent teacher meetings are regularly held to enable the institution to establish a rapport with the parents.
- The alumni feedback is also collected in the alumni meet conducted periodically. The feedback is thoroughly assessed and concrete suggestions are given to the management.

6.2.10 Department autonomy and accountability

- The Departments are given freedom to invite academic experts for guest lectures, seminars and conferences.
- The institution conducts periodical academic audit. This practice ensures accountability among the department teachers.
- The Heads of the Departments monitor the completion of the syllabus, correction of answer scripts, submission of marks and other duties entrusted to the faculty members.
- The Department collects student feedback and acts accordingly.

6.3 FACULTY EMPOWERMENT STRATEGIES

In a fast changing academic scenario, it is imperative that the teaching fraternity should be fully equipped to face the challenges of modern day education. The institution takes continuous efforts to enhance the professional competencies of the teachers through various training programmes.

6.3.1 Professional development of teaching and non-teaching staff

- Teachers are regularly deputed to undergo refresher courses and orientation programmes conducted by various Academic Staff Colleges.
- Seminars and workshops are regularly organized for training the staff in innovative teaching.
- Teachers are motivated to take up research activities and trained in the preparation of research project / proposal.

- Teachers are given training on ICT enabled teaching, as well as computer packages like e-content preparation and SPSS package.
- Teachers are given awareness programme, orientation programmes on emotional intelligence, human rights and value education.
- The institution permits the teacher to pursue Ph.D. programme under the Faculty Development Programme.
- The support staff of our college are given training in computer operation.

6.3.2 Review of performance

- The performance of teachers and non-teaching staff members are reviewed through performance appraisal reports. Based on them, proactive suggestions are provided to internalize the commitment and dedication in the staff.
- Evaluation of the quality of teaching, teaching methods and class room environment is done through feedback from the students submitted at the end of each year.
- The quality of teaching is reflected in the performance of the taught.
- The Internal and External Examinations are the indicators of the quality of teaching.
- The performance of the students in placement, in competitive examinations and in quiz competitions indicates the excellence of the institution.
- Observations made by the parents in the Parent Teachers Meet are considered.
- Academic audit is also another routine activity in every academic year to evaluate the quality of teaching.

6.3.3 Welfare-schemes for teaching and non-teaching staff

- Teachers are motivated to pursue research activities and are given various incentives.
- The support staff are given two sets of uniforms every year.
- The management contributes EPF to all the staff of self-financed courses.
- Periodical general medical check-up camps are organized by the institution for the benefit of staff members.
- College canteen offers subsidized refreshments to all staff.

6.3.4 Measures for attracting and retaining the eminent faculty

- The management gives fair treatment to all faculty members in terms of sharing responsibilities.
- Periodical revision of pay is done for the faculty under the self-finance stream.
- Their previous experience and contributions to academic activities are considered for an incremental pay at the time of appointment.
- The management is very particular that all the teachers are satisfied with their work environment in the campus.
- The service rules for the self- finance teachers are employee - friendly.
- Staff members are provided with liberal leave facilities including medical leave, child adoption and maternity leave.
- The research facilities and infrastructure available in the campus retain teachers with research acumen.

- All these generous measures of the management reduce the labor attrition rate and retain the talent in the campus.
- Besides, the management retains the outstanding talents even after their retirement as academic advisors.

6.4 FINANCIAL MANAGEMENT AND RESOURCE MOBILIZATION

Finance is the life blood of every organization. A proper planning of finance is inevitable for mobilizing the resources to meet the expenses of the institution. The resources must be mobilized in an efficient way and on time to ensure hurdle free transactions.

6.4.1 Institutional mechanism to monitor effective and efficient uses of Financial Resources

- In every financial year, a comprehensive budget is prepared with the approval of the Managing Board.
- Payments are made by Cheques or Demand Drafts only.
- Cash payments very rarely are made.
- Payments are made to the suppliers of laboratory equipment only after receiving the goods and verifying the stipulated quality norms by the respective departments.
- Every bill is checked by the Accounts clerk and Office Superintendent counter checks before passing the bill.

Procurement process

The following procedures are followed in the office before placing an order:
- Quotations are obtained from the suppliers to find out the competitive prices.
- The lowest bidder is given the order without compromising the quality.
- For construction of buildings and other structures, the permission is sought from the Managing Board.
- These proposals are approved by the PWD engineer before the commencement of the work.
- The Building Committee monitors the construction work.
- Separate purchase committee take care of FIST funds.

6.4.2 Mechanism for internal and external audits

- All accounts are audited by a statutory auditor every financial year.
- The external audits on all government accounts are done by the officers from RJDCE every year and by the Audit General office once in five years.

6.4.3 Audited statement of income and expenditure

- All the accounts are audited regularly and so far no major audit objection is raised.

<p style="text-align:center; color:red;">Table 6.2 Audited statement of income and expenditure in Rs.</p>

Sl. No.	Income	2010 - 11	2011 - 12	2012 - 13	2013 - 14
1	Academic				
	SF - Fees	93508534	91676361	84203515	100793938
	Approved SSA/c.	92244872	90405988	82981898	99253204
	Non-Salary A/c.	92787718	91044904	83521394	99786480
	Scholarship	96359239	95311656	89929074	104348245
	University fees A/c.	94966656	93089148	85575661	103444776
	(i) Total	**469867019**	**461528057**	**426211542**	**507626643**
2	Administrative				
	(ii) SF	**2946515**	**4064988**	**6785808**	**8340560**
3	i+ii	**472813534**	**465593045**	**432997350**	**515967203**

Sl. No.	Expense	2010 – 11	2011 – 12	2012 – 13	2013 – 14
1	Academic				
	SF – Fees	93435944	91616749	83983246	100744710
	Approved SSA/c.	88713148	86880337	99804306	95514160
	Non-Salary A/c.	92771542	91028728	83456419	99770006
	Scholarship	96308660	95226685	89922540	104284173
	University fees A/c.	94966656	93089148	85575661	103431571
	(i) Total	**466195950**	**457841647**	**442742172**	**503744620**
2	Administrative				
	(ii) SF	**2283044**	**2831791**	**6773702**	**4649463**
	i+ii	**468478994**	**460673438**	**449515874**	**508394083**

- The excess of income over expenditure is spent on creating fixed assets. Details of assets creation is shown separately.

<p style="text-align:center; color:red;">Details of assets creation in the last four years</p>

Sl.No.	Account Heads	2010 - 11	2011 - 12	2012 - 13	2013 - 14
1	Special Fees (furniture)	93435944	91616749	83983246	100744710
2	UGC (Buildings, Equipment's, Computers, Books, Furniture)	88713148	86880337	99804306	95514160
3	CPA (Buildings, equipment's, Computers, Books, Furniture)	92771542	91028728	83456419	99770006
4	Self-Financed (Buildings, equipment's, Computers, Books, Furniture)	96308660	95226685	89922540	104284173
	Total	**96308660**	**95226685**	**89922540**	**104284173**

6.4.4 Efforts for resource mobilization

Resources are necessary to fulfill the vision and mission of the college. Therefore, the institution devises various ways and means to mobilizing the resources.

- Our parent body supports with "Sindhu Mani" (Handful of Cardamom spilled by traders during auctions) grant.
- The Philanthropists among the Cardamom Planters in Bodinayakanur donate money in the form of endowments and the interest thereon is the source of finance for the institution.
- The Staff members of our college donate money in the form of endowments and the interest thereon is the source of finance for the institution.
- Revenue from leased property lends additional financial support.
- The interest from the fixed assets is another source of income.
- The contributions from the alumni and staff donations and endowments provide financial assistance to the institution.
- Other funding agencies like UGC, CSIR, DST, DRDO, and TNSCST provide funds through various schemes and research grants.

6.5 INTERNAL QUALITY ASSURANCE SYSTEM

The institution imposes self-regulated responsibilities aiming at continuous improvement of quality and achieving academic excellence. The institution establishes many strategies in all the academic and administrative aspects. The well established, Internal Quality Assurance Cell is the principal center for assuring quality.

6.5.1 Academic audit programme

- The Internal Quality Assurance Cell helps conduct the academic audit.
- The institution has a separate Academic Audit Committee (Internal/External) to facilitate the academic audits of all the departments.
- The Academic Audit aims at assessing the academic activities and identifying the strengths weakness of departments and giving suggestions for improvement.
- This helps in creating synergy among the stakeholders.

6.5.2 Specific measures to improving teaching and learning process

The academic audit highlights the best practices and suggests areas of improvement. The process enables the college to take the following specific measures:

- Imparting ICT enabled teaching.
- Use of Smart Class room with interactive board for effective teaching.
- Introducing team teaching strategy in the class room.
- Encouraging peer learning through seminars and discussions.
- Updating the library with latest books and journals.
- Arranging guest lecturers in the emerging areas.
- Establishing Cluster Department and Cluster College System.

6.5.3 Central body that reviews the teaching and learning process

- The institution has Planning and Evaluation Committee that continuously reviews the teaching, learning and evaluation process.
- The IQAC Co-ordinator is an Ex-officio member of this committee.
- The Planning and Evaluation Committee aims at improving teaching methods and evaluation of internal assessment.
- The Planning and Evaluation Committee in consultation with IQAC, recommends for academic audit (Internal and external) and green audit.
- The Planning and Evaluation Committee guides the institution towards quality enhancement and sustenance.

6.5.4 The contribution of IQAC

- The Internal Quality Assurance Cell monitors all the quality parameters.
- It also acts as a documentation Centre for all the activities of the college.
- The Internal Quality Assurance Cell of our college organizes workshops and seminars on quality related themes and staff enrichment programmes.
- It also ensures that the standards of excellence reflected in the vision and mission of the college are on the way to fulfillment.
- The IQAC brings out News Bulletin to disseminate the information regarding the developmental activities that take place in the campus.

6.5.5 Contribution of external members of IQAC

- There are two External Members in the Internal Quality Assurance Cell (IQAC)
- Attend IQAC meetings regularly.
- Offer suggestions for the sustenance of quality.

6.5.6 Incremental growth of disadvantaged students

- IQAC maintains a close watch on semester wise academic progress of students from disadvantaged sections.
- To promote their incremental growth, the IQAC facilitates many remedial measures in consultation with the various departments.
- The Internal Quality Assurance Cell supports Equal Opportunity Centre (EOC) for the incremental growth of the underprivileged section of students.

6.5.7 Policies for periodic reviews of academic and administrative reforms

- The institution has periodic at review of academic departments to ensure the quality sustenance in all the areas related to teaching, learning and evaluation.
- The institution has periodic at review of Administrative department to ensure the quality sustenance in all the areas related to admission, Scholarship, Examination, and accounts and records.
- The IQAC meetings are conducted frequently to review the performance of students and the teachers.
- The institution ensures that available infrastructure is in conformity with the requirements of curriculum.

- The IQAC conducts academic audit to provide quality education and participatory administration.
- IQAC encourages the teachers to pursue research on issues related to social concerns in order to contribute towards nation building.
- The IQAC reviews the requirements for the library resources for enriching this important knowledge dissemination centre.

CRITERION VII

INNOVATIONS AND

BEST PRACTICES

INNOVATIONS AND BEST PRACTICES

7.1 ENVIRONMENT CONSCIOUSNESS

7.1.1. Green audit of college campus

- Green audit is carried out regularly.
- The college adopts all measures to maintain a green environment in the campus.
- To make the college eco–friendly, NSS volunteers take adequate efforts to sustain the eco-friendly environment in the college campus.
- The environmental consequences are given priority at the time of making strategic plan for the development viz. energy and water conservation.
- Environmental study is a part of our curriculum to inculcate the values of Environment.
- Botanical names are labeled at all trees and plants inside campus.
- Medicinal plant garden is maintained in our campus.
- The College is situated in the foot hills of Western Ghats and hence surrounded by dense vegetation.
- While expanding the infrastructure, the college maintains its ecological balance by following the policy of conservation of trees.
- Composite bins are used for food wastage and the use of polythene material on the college premises is restricted.
- All building in the campus are constructed with rain water harvesting facility.
- The overflow of water is checked and the leaking points are identified and repaired immediately. Suitable measures are undertaken to prevent wastage of water.
- The college takes up steps to minimize the energy consumption.

7.1.2. Initiatives taken by the college

Energy Conservation

- All the class rooms are adequately ventilated and well lighted and so do not require artificial lighting during day time.
- Students are instructed to switch off the lights and fans when they are not in use. Faculty members depute student representatives to check whether fans are switched off in unoccupied class rooms.
- The college has established three computer labs and Two Research Labs. There are properly trained students to shut down the system and printers when they are not in use.
- Electronic equipments and gadgets are shut – off when they are not in use.
- The dry leaves and the waste papers are not burnt but they are buried in the soil itself and Leaf litter from the campus is used as organic manure.
- Energy consumption in the hostel is closely monitored by the superintendents.
- There is strict adherence to college norms of turning off electricity during day time in hostels
- Fluorescent tube lights are being replaced with CFL and LED lights.

- Use of alternative energy resources on campus includes installation of solar lamps on campus for less electricity consumption.

Efforts for Pollution Free Environment

- The college has a specific parking shed which assures pollution free environment.
- Plantation of trees has been increased to absorb carbon dioxide emitted in the atmosphere and to provide and effective screen in covering carbon inflow.
- Trees have been planted by NSS volunteers and NCC cadets within the campus.
- Awareness programmes on global warming are also conducted.
- Students are motivated to use bicycle.
- Dry leaves are not burnt but converted into manure.
- Use of paper plates and paper cups in the student welfare canteen is adopted.
- Use of polythene bags are banned inside the Campus.

Plantation

- NSS volunteers and NCC cadets take keen interest in tree plantation and they organize special programs for plantation of trees within the campus every year.
- College NSS Units undertake tree plantation in the adopted villages like Mundal and Anaikaraipatty.

Waste Management

- The college avoids the use of severe corrosive chemicals in the practical classes and sees that minimum quantity chemicals are purchased to save expiry and disposal.
- Solid wastage in the chemistry lab is collected separately and disposed of carefully without causing any harm to the inmates of the lab.
- Special drainage is constructed to dispose of the chemical waste from the lab.
- Adequate number of exhaust fans and fume hoods are also provided.
- The E-waste accrued from the computer labs are disposed of periodically by tender.

- All stationary waste from the office, library and departments is disposed of by open auction.
- Our College is a self declared Plastic Free Zone Institution.
- Only paper cups and plates are used in the Students Welfare Canteen.
- Initiatives are taken to make the office paperless through office automation and e-communications.
- To optimize the use of paper, printout papers are reused.
- The institution rigorously follows Reduce, Reuse and Recycle policy.

Any other

- Our Management has established since 2013 the salutary practice of honouring the retiring staff by permitting them to hoist the National Flag and deliver the special address on our nation's Republic Day.
- The staff members in a befitting reciprocation have instituted endowments the proceeds of which recognize the meritorious students' performance at the University examinations by rewarding them handsomely.

A list of staff who have created Endowments

Sl. No	Name of the	Amount
1	Mrs. B. Jodhimani Member, C. P.A. Bodinayakanur	10,000
2	Mr. K. Venugobal, Director, C. P. A. College, Bodinayakanur	10,000
3	Prof. R. Velusamy M.A. Former Principal, C. P. A. College, Bodinayakanur	10,000
4	Mrs. K. S. Rukkumani ammal Member, C. P.A. Bodinayakanur	10,000
5	Mr. Nanalal. N. Sha. Member, C. P.A. Bodinayakanur	5,000
6	Mr. P. M. S. S. Vijayarahavan Member, C. P.A. Bodinayakanur	5,000
7	Mr. P. Sakthivadivel M.A., M.Li.Sc., D.G.T. Librarian(Rtd.), C . P. A. College, Bodinayakanur	5,001
8	Mr. S. Chokkalingam B.A., B.L. Part-Time Lawer, C. P. A. College, Bodinayakanur	5,000
9	Mr. A. Ramanujam B.Sc. Junior Assistant, C. P. A. College Office, Bodinayakanur.	5,501
10	Dr. M. T. Iyyappan M.A., Ph.D. Head of the Department of Tamil(Rtd.) C. P. A. College, Bodinayakanur	5,000
11	Mr. K. L. Eswaran M.Sc., M.Phil. Head of the Department of Mathematics(Rtd.) C. P. A. College, Bodinayakanur	5,001
12	Mr. S. Ashokan Junior Assistant, C. P. A. College Office, Bodinayakanur.	25,000

13	Dr. S. V. Subramanian M.Sc., Ph.D. Head of the Department of Chemistry(Rtd.) C. P. A. College, Bodinayakanur	10,000
14	Mr. J. Sekaran B.Sc., C.G.T. Office Superintendent (Rtd.) C. P. A. College Office, Bodinayakanur.	5,000

7.2 INNOVATIONS

The College contributes towards nation building by molding the students as responsible citizens. The institution inculcates the values of social responsibility apart from class room teaching. Towards this end, the institution lays emphasis on many innovations in the process of imparting holistic education. This includes innovations in teaching and learning, research and development, community engagement, student progression and development of healthy practices.

7.2.1 Innovations introduced in the last Five years

Innovations in Teaching and Learning

- The fast learners are identified and encouraged to go for self learning courses to secure additional credits.
- Special training is given to face interviews, develop personality and participate in various competitions
- Motivation is given to attend Inter-collegiate Seminars and present papers
- Encouragement is given to pursue higher studies and research
- Motivation is given to appear for competitive examinations like UPSC, TNPSC, CSIR, UGC-NET / SET, GATE, GRE, TANCET, TET and MAT
- Students are Encouraged to refer extra reading materials like e-books, e-journals and MLM contents.
- Training is given in MLM preparation and in the use of interactive boards.
- The slow learners are identified and given peer counseling and remedial teaching. Study materials are provided for improving their standard.
- Important concepts are explained bilingually for better understanding.
- Coaching classes, slip tests, discussion of previous year terminal exam question papers and the methods of answering are some of the methods followed.
- Extended Practical hours and provision for repeating practicals are allowed.
- Special attention and guidance are given in completing the project work.
- Motivated to participate in Department Association meetings.
- Special attention is given to inmates of hostel by Sub-wardens and peers.
- Peer learning and Group Discussion are carried out by fast learners.
- Parallel evaluation of innovative, student centric and participatory teaching - learning practices are fruitfully accomplished in all departments.
- Teachers are oriented and trained in the latest advancement on e-content development and e-teaching.
- These efforts lead to all inclusive of comprehension of the subject, focus on preparation for the examinations, acquisition of capabilities for vertical and horizontal mobility and values for life.

Innovations in Research, Consultancy and Extension

- The institution has an impeccable track record of research and extension for the last three decades. Three Departments are recognized as Research centers.
- The institution has the privilege of having Science (Aided) Departments sponsored by Department of Science and Technology (DST) under the FIST Programme to the tune of Rs. 67 lakhs.
- The Post Graduate and Research department of Chemistry has published more than 40 research papers in peer-reviewed international journal with good impact factors.
- The Principal has made four international visits to Australia, France and the USA to deliver invited talks. The travel grant has been funded by DST, UGC and CSIR.
- Multi-disciplinary and applied research is a thrust area of our institution.
- More than 35% of the annual outlay of the institution is spent on research related activities.
- Besides UGC, other leading funding agencies like DRDO, DST, DBT, ICSSR and TNSCST provide funds for research activities.
- The faculty members frequently contribute to international peer reviewed journals with high impact factor.
- A separate cell has been formed to coordinate all consultancy services undertaken in the campus.
- The Research Department of Mathematics offers consultancy in MAT lab programme implementation for Tamil Nadu PWD engineering projects.
- The research department of Chemistry offers the following consultancy services Testing of various organic, inorganic compounds for the industries in and around Theni district.
- The various sophisticated instrument facilities such as FT-IR, UV-Visible, UV-DRS, Spectro flouri meter and Cyclic Volta metric station are used for Research and Industrial consultancy services.
- Computer Science Department offers consultancy on designing websites, packages to our parent body CPA and other firms.
- Department of Botany offers consultancy to vermi-composting, composting, plant identification and mushroom cultivation.
- CWED of our college offers consultancy services like preparing process of phenyl, shampoo, candle, soaps and handicrafts.
- Director of physical education offers consultancy by officiating in matches and tournaments in and around Theni district.
- The number of major research projects funded by UGC and other agencies is on an increasing trend.
- The extension activities are brought under Part V of the curriculum.
- Yoga and meditation are practised in the campus for holistic health.
- The NSS units and NCC wing of our institution are highly recognized and bestowed with lot of awards. Their contributions towards the society are noteworthy.
- The institution motivates the students to donate blood and as a result record number of blood donations takes place every year.

Innovations in Student support services

- The differently abled students are taken care of by a Co-ordinator nominated by the Principal.
- Moral and ethical values such as social justice, gender perspective, eco-consciousness, humanism, sense of equality and dignity of labour are inculcated in the minds of students through the noble and novel extension services carried out by the institution.
- Students have round the clock free access to internet facilities.
- The Placement Cell supports the students in getting placements.
- The Centre for Entry in services trains the students for competitive examinations.
- The UGC Sponsored Career Guidance Cell provides guidance to pursue higher education.

Innovative infrastructure

- ICT based teaching and learning is achieved through equipping departments with smart class rooms with amenable facilities.
- Promoting E-learning using NPTEL video lectures, Tele-lectures through Vyas channel and Webinars
- Students are encouraged to enroll in INFLIBNET to access e-resources
- Establishment of Centre for Technology Enhanced Learning (CTEL) to train the staff and students for preparing Multimedia Learning Materials (MLM).
- Communication skills are imparted through English Language Lab (ELL).
- Signing of MoUs with institutions help the students in realizing industrial environment, in On the Job Training, in Research and in Placement.
- On the Job Training (OJT), In-Plant Training, Institutional Training and Summer Training enable the students to get an exposure for realization and get employment.
- Self - employment oriented courses are taught to enhance the entrepreneurial skills
- Crash courses on Internet and PPT preparations are conducted to enhance the IT skills.
- Library is continually upgraded with addition of latest books.
- UGC funded Indoor stadium is available.
- Gymnasium facility is available.
- Provisions are made for differently abled students all over the campus.
- A General Library is functioning with many e-resources besides departmental libraries.
- To make the campus eco-friendly, much emphasis is laid on green initiatives and energy conservation.
- The college is aware of the necessity to conserve the depleting sources of energy and the institution has started implementing the use of alternative energy.
- Decentralized administration, participatory management, office automation, teacher friendly management, and feedback mechanism are the distinguishing features of the college.

7.3 BEST PRACTICES

Realizing the significant dimensions of education, the college fosters several innovations to achieve academic excellence as well as overall development. For better academic and administrative functioning the institution has set many best practices. Two of the best practices are enumerated below:

I. Title of the practice: "The Sunshine and The Shade"

Our college offers both The Sunshine (opportunities) and The Shade (self-reliance) so that they can not only find employment avenues but also create some.

1. Objectives of the practice

- To reinforce academic fibre.
- To add competitive edge to learning.
- To prepare the students to face up to rigours of life outside campus.
- To let the students become self-reliant.
- To infuse into the students the value of teamwork.
- To inculcate the virtue of accommodation.
- To instil the need for mutual support.

2. Context

That our students hail from a rural background should not be held against their academic and career prospects. They should be exhorted to compete with their city peers on grounds of absolute parity. The Cardo-Comp competitions conducted throughout the academic year, helps them to identify, foster and hone their cultural, artistic and sports abilities which, in some cases, lie dormant in other instances, lie flickering and in rare cases, lie waiting to be stoked. These competitions serve them to look into themselves and see where they stand in relation to the best and propel themselves into excellence.

3. The practice

The students for Cardo-Comp, are split into four houses namely, Cardamom, Coffee, Silk Cotton and Tea houses. Each house is manned by Professors with a mix of the grey and the green along with students' representatives. The House members reach out to the students, motivate them to take part in the competitions. To oversee the conduct of the events, there are a Coordinator and joint Coordinators with the Principal being the Chief – Coordinator and the Secretary and Correspondent being the Patron. The college management for its part contributes liberally and unstintingly for the award of prizes, certificates and rolling cups and trophies a lustrous instance of exemplary collaboration.

4. Evidence of the Success

The Cardo-comp competitions have had an electrifying effect among students. It has inspired the competitors to take part with zeal and purpose. The competitions have helped the students to find self belief and strive for excellence. Our college is able to boast of a pool of talent from which to send a team for inter collegiate and University cultural competitions. To cite the latest instance, in the recently concluded M. K. University Youth Festival hosted by our college:

- Our college bagged First prize with a trophy in Theni district.
- Our college finished the Sixth in the overall points tally among twenty colleges.
- Finishing First in Quiz.
- The Quiz team took part in the State Level Quiz Competition in IITM, Chennai and finished Third, the only Arts and Science College to have so acquitted itself.

Thus the Cardo-Comp competitions transform the students into stirring competitors and rousing achievers.

5. Problems encountered and resources required

Initially, conducting the competitions during regular working hours presented its own problems. The professors who should act as judges were otherwise engaged. The participants had to be taken out of their academic obligations. The final hour of a working day was set apart and suitable alternative arrangements were made.

Popular cultural events such as one act plays, skits, dance, fancy dress and singing competitions were held on two days celebrated as Cardo-Comp festivals with the whole college alive and bustling with convivial flavor.

When these competitions were held in different halls, the students came up with a suggestion that since the events were conducted simultaneously they could not enjoy them all the events   could be staggered and held at the same venue. Thus has evolved the "Cardo-Comp Fest" over the years.

Resources have never been a problem as our management always meets our financial expectations in full.

6. Future plans

The number of events will go up in consonance with those held by the M.K. University. Participants from neighboring colleges may be invited to add a competitive edge to the events. The college is also contemplating expanding Cardo-Comp into a District-embracing competition.

II.   Title of the Project: "THRONE AND CROWN"

Our college management as part of its healthy practice, founds a platform for The Throne (Research) and Crown (Appreciation) sets up a niche for appreciation.

Our college management instituted since 2010 a healthy practice of annually honoring professors who promote and proliferate research and turn our college campus into a hub of quality research, attracting hungry research scholars and feeding and whetting their appetite.

1. Objectives of the practice

- A word of appreciation from the management makes a world of changes in the minds of employees. Towards this end, the management of Cardamom Planters' Association College makes it a policy to honor the achievers in a college day function organized at the end of every academic year.
- The "**Throne and Crown**" aims at a close bond between the Staff and the Management. This will also create a sense of belonging (among the staff members) to the institution.

- The uniqueness of this practice is that it inspires the staff members to take up further challenges.
- It also develops a healthy competition among the teaching fraternity to rededicate themselves to attain further heights in their accomplishment.

2. Context

The management has the dedicated policy of getting the entire staff along with them for the fulfillment of the stated vision and mission of the institution. Through this policy, the management enunciates a system of participatory governance for the uniform growth of the institution. This is indeed a morale boosting exercise to bring out the best from the staff for enhancing the quality. A contented staff is the biggest asset that any organization would like to have. The "**Throne and Crown**" aims at achieving this end.

3. The Practice

The "**Throne and Crown**" is a mega event in which all the Managing Board Members along with the entire staff join together in congratulating and honoring the achievers. Recognizing the meritorious service to the institution by the retiring staff members, the management felicitates them and gifts them with gold in token of love and affection. Research guides who passed on their wisdom of knowledge to their scholars by means of successfully guiding their doctoral thesis are duly honored by the management. The teachers who enriched their knowledge by acquiring Ph.D. degrees are also recognized in the event. The teachers who obtained Major or Minor Research projects from any National and State level funding agencies are felicitated with valuable mementoes. Cash incentives are given to the teachers who publish their articles in national or international peer reviewed journals with good impact factor. The teachers who render fruitful services in outreach programmes from time to time and bring laurels to the institution are highly appreciated. This includes the teachers in charge of NSS, NCC, YRC, RRC, Women Empowerment Cell, Placement Cell, and Fine Arts Club.

The teachers who are involved in the activities of various committees for the smooth functioning of the college are applauded for their noble services. All the members of departments which produce University Ranks are highly appreciated with mementoes.

4. Evidence of success

"**Throne and Crown**" has started yielding fruitful results. The number of teachers with Ph.D. degrees has increased phenomenally over the last four years. Our teachers successfully guide more and more Ph.D. scholars and the number of Ph.D.s produced shows an increasing trend. The faculty members mobilize huge amount of resources from various funding agencies for carrying out research projects. The teachers, students and management work together in achieving the vision and mission of the college without any differences of opinions. This is evident from the conducive atmosphere prevalent in the campus without any students' unrest for the last few years. The teachers volunteer whole heartedly for any additional responsibilities that result in further enrichment of the campus. Through this mission "**Throne and Crown**" all the stakeholders get together to take this institution to the dizzy heights.

5. Problems encountered and resources required

Since more number of teachers make themselves eligible for such appreciation, it creates additional financial burden on the management. However, the management is generous enough to mobilize additional resources and whole heartedly celebrate this important event without any compromise.

6. Future plans

The management is planning to bring more number of activities within the ambit of "**Throne and Crown**". The team of teachers who are instrumental in maintaining absolute tranquility in the campus should also be included in the list. The best student mentors should also find a place in the list of achievers. The teachers who play crucial role in getting placements for their students should also be recognized. This healthy practice followed in the college is worth emulating by other institution as well.

EVALUATIVE REPORT OF THE DEPARTMENTS

DEPARTMENT OF TAMIL

1.	Name of the department and its year of establishment	Tamil - **1974**
2.	Programmes/Courses Offered	Part – I Tamil
3.	Interdisciplinary Course and Departments involved	Part – I Tamil - All UG Departments-Aided Part – I Tamil - All UG Departments-SF
4.	Annual/Semester/Choice Based Credit System	Semester with CBCS
5.	Participation of the Department in the course offered by the other Departments	Part I – Tamil - All U.G Departments.

6. Number of Teaching posts sanctioned and filled

Aided	Designation	Regular		Management	
		Sanctioned	Filled	Sanctioned	Filled
	Associate Professor	1	1	-	-
	Assistant Professor	2	2	2	2

7. Faculty Profile

Name	Qualification	Designation	Specialization	No. of Years of Experience in this College	No. of M.Phil. /Ph.D. Guided
Dr. K. Malaichamy	M.A., M. Phil. Ph.D.	Associate Professor & Head	Folk and Modern Literature	18	M.Phil:3
Mrs. L. Alamelu*	M.A., M. Phil.	Assistant Professor	Drama	01	-
Ms. V. Meena*	M.A., M. Phil.	Assistant Professor	Sangam Literature & Modern Literature	01	-
Mr. J. Thevar* BommiNaicker (Management -Aided)	M.A., M. Phil.	Assistant Professor	Modern Literature	05	-
Mr. N. Pal Pandi* (Self-financed)	M.A., M. Phil.	Assistant Professor	Folklore and Drama	05	-

* NET qualified

8.	Percentage of Class taken by temporary faculty	25
9.	Programme wise Teacher-Student ratio (2013-14)	Part – I Tamil : 1:50
10.	Number of Academic support staff and administrative Staff: Sanctioned and filled	Management Sanctioned : 1 Filled : 1
11.	Number of Faculty with ongoing Projects	Nil.
12.	Department Projects funded by DST-FIST, DBT, ICSSR., etc.,	Nil.
13.	Research Centre facility	Nil.

14. Publications

International Journal	00
National Journal	00
State level Journal	00
Text Books	01
Edited Books	00
Papers Published in Compiled/Edited Books.	16
Articles in News Paper	00
International Conference Volume	04

15.	Details of Patents and Income Generated	Nil
16.	Areas of Consultancy and Income Generated	Folklore of Madurai
17.	Faculty recharging Strategies	• Attending Conferences , Workshops and Seminars • Refresher and Orientation Programmes • Acquiring additional Qualifications. • Staff Development Programme organized by IQAC
18.	Student projects	Nil
19.	Awards / recognition received at the National and International level	Nil

20. Seminars, Conferences, Workshops Organized.

Name of The Seminar	Funding Agency	Amount in Rs.	Date & Year
Puthukavithayil Nagaisuvai	Management	2000	05.01.2011
Sanga Illakiyathil Penbal Pulavarkal	Management	2500	22.01. 2012
Thamizh Illakiyathil Nagaisuvai	Management	2500	15.03.2013
Ikkala Illakkium	Management	2500	12.12.014

21.	Student Profile	Not applicable
22.	Diversity of Students	Not applicable
23.	Number of Students cleared Civil Services, NET, SLET, GATE, etc.,	Not applicable
24.	Student Progression	Not applicable
25.	Diversity of Staff	• Same parent University : 60 • Other university within the state : 20 • Other Universities from other States: 20
26.	Number of Faculty who were awarded Ph.D. during the assessment period	Nil
27.	Infrastructural Facilities	• Department Books in the General Library : 3000 • Internet Facilities for staff. • Students' Laboratories : Not applicable • Research Laboratories : Not applicable

28.	Number of Students of the department getting financial assistance from the College and other units	Not applicable
29.	Was any need assessment exercise undertaken before the development of new programmes?	Yes, as and when necessary.
30.	Does the department obtain feedback from?	
	Faculty on curriculum as well as teaching – learning – evaluation?	• Yes, based on the feedback got from the faculty through staff self-appraisal form, revisions in the curriculum are made in the Board of Studies meeting.
	Students on staff, curriculum as well as teaching – learning – evaluation	• Yes, Feedback from students on staff members and curriculum is obtained periodically • Feedback on Teaching learning and evaluation system is obtained.
	Alumni and Employers	• Yes, Feedback collected from Alumni during the Alumni meeting on yearly basis. • Yes, Feedback collected from Employers every year.
31.	List the distinguished alumni of the Department	1. K. Baskar Sakthi Writer, Script writer for Tamil feature films and serials 2. S.Manoharan Assistant Film Director Chennai.
32.	Give details of student enrichment programmes with external experts	Special lectures are organized every year with external subjects experts • "Thai Thingal Nagaisuvai" Dr. G. Gnanasambandan Associate Professor of Tamil Thiyagarajar College, Madurai • "Women Rights" Mrs. Sundaravalli Assistant Professor of Tamil Arul Anandar College, Karumathur. • "Tamil Literature" Dr. R. Mohan Head of the Department of Tamil(Rtd.) M. K. University, Madurai
33.	List the teaching methods adopted by the faculty	• Lectures • Student seminar • Group Discussions
34.	How does the department ensure that programme objectives are constantly met and learning outcomes monitored?	• Evaluation of Assignments • Periodical department meetings • Through Class Test (Unit Test) • Review meeting • Internal and External assessment exams • Feedback from mentor.

35.	Highlight the participation of students and faculty in extension activities	• Faculty acts as NSS PO.
36.	Give details of "beyond syllabus scholarly activities" of the department	• Tamil Verse writing practice. • Student participation in the Inter – Collegiate Competitions organized by other colleges
37.	State whether the programme/department is a accredited / graded by other agencies	NAAC Accredited – First Cycle
38.	Tamil Department Strengths	• Qualified and dedicated faculty • Four faculty members are doing Ph.D. • Conducive learning environment • Four faculty members have cleared UGC-NET
	Weakness	• Less motivated students in Mother Tongue • Students from rural background
	Opportunities	• Well equipped library with latest reference books • To become young Tamil writers and commentators. • To help improve the reading habits.
	Challenges	• Low level language skill and linguistics. • Difficulty in creative writing. • Absence of familiarity with Tamil Classics.
39.	Future Plans of the department	• To start B.A Tamil literature • To explore the possibilities for imparting Tamil learning practice for learners outside of our college, especially Scheduled Tribes (Muduvars & Paliyars) of Western Ghats of this region.

DEPARTMENT OF ENGLISH

1.	Name of the department and its year of establishment	English - 1978
2.	Programmes/Courses Offered	B.A. English :1978(Aided) M.A. English : 2012 (Self-financed) M.Phil. English : 2014 (Self-financed)
3.	Interdisciplinary Course and Departments involved	Non Major Elective Functional English-1, Functional English-2 offered to students of other major subjects. Our students choose Commerce, History, Economics, Computer Science, Mathematics and Chemistry subjects for their NME paper
4.	Annual/Semester/Choice Based Credit System	Semester with CBCS
5.	Participation of the Department in the course offered by the other Departments	Part II –English - All U.G Departments. NME offered by the other departments

6. Number of Teaching posts sanctioned and filled

Aided	Designation	Regular		Management	
		Sanctioned	Filled	Sanctioned	Filled
	Associate Professor	5	5	-	-
	Assistant Professor	3	-	3	3
Self - Financed	Designation	Regular	Management		
		Sanctioned	Filled	Sanctioned	Filled
	Associate Professor	-	-	-	-
	Assistant Professor	-	-	10	10

7. Faculty Profile

Name	Qualification	Designation	Specialization	Years of Experience in this College	No. of M. Phil./Ph.D. Guided
Aided					
Dr.V.Balasubramanian	M.A., Ph.D.,	Head and Associate Professor	English Language Teaching, literary Criticism	35	M.Phil. : 05*
A. Balasubramanian	M.A., M.Phil., B.Ed.,	Associate Professor	Criticism, Social History of England	30	-
S. K. Sivagnanam	M.A., M.Phil., B.Ed.,	Associate Professor	Translation, Journalism	30	-
Dr. D. Alagarsamy	M.A., M.Phil. Ph.D., B.Ed.,	Associate Professor	Phonetics, Poetry	26	M.Phil. : 2+5*
Mr. C. Muniyandi	M.A., M.Phil., B.Ed.,	Associate Professor	Drama, Social History of England.	14	-

Management Aided					
Mr. J.Anand	M.A, M.Phil. B.Ed.,	Assistant Professor	Drama, Poetry	1	-
Mr. R. Rajesh Kumar	M.A, B.Ed.,	Assistant Professor	Poetry ,Drama	1	-
Mr. M. Mahendran	M.A, B.Ed.,	Assistant Professor	Journalism, Drama	2	-
Self - Financed					
Mrs. J. Kiruba Rani.	M.A. M.Phil., B.Ed.,	Assistant Professor	Poetry, Journalism	4	-
Mr. A. Rajkumar.	M.A, B.Ed.,	Assistant Professor	Poetry ,Drama	2	-
Mr. P. Sundar.	M.A.,	Assistant Professor	Criticism, Drama	2	-
Mrs. R. Indira	M.A.,	Assistant Professor	Novel, Poetry	1	-
Ms. R. Ragapriya	M.A.,	Assistant Professor	Phonetics, Criticism	1	-
Mrs. N. Subhathra	M.A., M.Phil.,	Assistant Professor	Phonetics, Criticism	1	-
Mr. S. Manikandan	M.A., M.Phil.,	Assistant Professor	Fiction, Drama	1	-
Ms. G. Saranya	M.A.,	Assistant Professor	Prose, Drama	1	-
Ms. M. Thilagavathi	M.A., B.Ed.,	Assistant Professor	Indian writing in English	1	-
Mr. M. Thirukumaran	M.A.,	Assistant Professor	ELT, Fiction, Poetry	1	-

*On going

8.	Percentage of Class taken by temporary faculty	40
9.	Programme wise Teacher-Student ratio (2013-14)	B.A English : 1: 22 B.A English(SF) 1: 27 M.A English : 1: 10 M. Phil. English : 1: 5
10.	Number of Academic support staff and administrative Staff: Sanctioned and filled	Management sanctioned : Nil Filled : Nil
11.	Number of Faculty with ongoing Projects	Nil.
12.	Department Projects funded by UGC, DST-FIST, DBT, ICSSR., etc.,	Nil.
13.	Research Centre facility	Nil.

14. Publications

International Journal	00
National Journal	00
State level Journal	00
Papers Published in Compiled/Edited Books	01
Articles in News Paper	00
International Conference Volume	00

15.	Details of Patents and Income Generated	Nil
16.	Areas of Consultancy and Income Generated	Communication Skill Training to School Teachers of this region. Proof readings of Dissertation & Thesis.
17.	Faculty recharging Strategies	• Attending Conferences, Workshops and Seminars. • Refresher and Orientation Programmes. • Acquiring additional Qualifications. • Staff Development Programme organized by IQAC
18.	Student projects	M.A. Students (100%)
19.	Awards / recognition received at the National and International level	Nil

20. Seminars, Conferences, Workshops Organized.

Sl. No.	Name of the Event	Sponsors / Collaboration	Amount In Rs.	Year
1	Seminar on Indian Literature	Management	2500	2012
2	Seminar on Communication Skills	Management	2500	2013
3	Seminar on Reading Skill	Management	2500	2014

21. Students Profile

Name of the Course	Year	Applications Received	Selected		Pass Percentage	
			Male	Female	Male	Female
B.A. English	2010-11	173	21	40	75	86
	2011-12	141	19	38	68	89
	2012-13	139	14	47	74	80
	2013-14	187	17	54	68	47
B.A. English Self - Financed	2010-11	70	25	42	47	78
	2011-12	87	25	52	28	85
	2012-13	50	10	30	50	80
	2013-14	77	26	44	45	91
M.A. English Self - Financed	2010-11	-	-	-	-	-
	2011-12	06	01	05	-	-
	2012-13	08	05	03	100	100
	2013-14	10	04	06	100	100

22. Diversity of Students (2007-2014)

Name of the Course	% of Students From the college	% of Students From the State	% of Students From the other States	% of Students From other countries
B.A. English (Aided)	0	90	10	-
B.A. English (Self- Financed)	0	85	15	-
M.A. English (Self- Financed)	80	20	-	-
M.Phil. English (Self- Financed)	40	60	-	-

23. Number of Students cleared Civil Services, NET, SLET, GATE etc.,   : 02

24. Progression

Student Progression	Percentage Against Enrolled
UG to PG	20%
PG to M.Phil.	50%
M.Phil. to Ph.D	NA
Ph.D to Post –Doctoral	NA
Employed: Campus Selection Other than Campus Selection	30%
Entrepreneurs/Self - employment	25%

25. Diversity of Staff

Aided	
Percentage of faculty who are Graduates:	
(a) Of the same parent university	60
(b) From other universities within the state	40
(c) From other universities from other states	00
Management Aided & Self – Financed	
Percentage of faculty who are Graduates:	
(d) Of the same parent university	90
(e) From other universities within the state	10
(f) From other universities from other states	00

26.	Number of Faculty who were awarded Ph.D. during the assessment period	1. Dr. V. Balasubramanian, Madurai Kamaraj University. 2. Dr. D. Alagarsamy, Madurai Kamaraj University.
27.	Infrastructural Facilities	Department Books in the Library : 5000 Internet Facilities for staff and students Total number of class rooms : 06 Class rooms with ICT facility : 01 English Language Lab
28.	Number of Students of the department getting financial assistance from the College and other units	• Students Aid Fund : 02 • Teachers Association Fund: 01 • Scholarship from TN Govt. : 133 • Scholarship from Spices Board : 63 • Others : 16
29.	Was any need assessment exercise undertaken before the development of new programmes?	Yes,
30.	Does the department obtain feedback from?	
	Faculty on curriculum as well as teaching – learning – evaluation?	Yes, based on the feedback got from the faculty through staff self-appraisal form, revisions in the curriculum are made in the Board of Studies meeting.
	Students on staff, curriculum as well as teaching – learning – evaluation.	Yes, Feedback from students on staff members and curriculum is obtained periodically Feedback on Teaching learning and evaluation system is obtained.

	Alumni and Employers.	Yes, Feedback collected from Alumni during the Alumni meeting on yearly basis. Yes, Feedback collected from Employers every year.
31.	List the distinguished alumni of the Department.	1. Dr. Chelliah Chairperson, School of English Language Studies, M.K. University. 2. Dr. R. Dayalakrishnan Assistant Professor in English, DDE, M.K . University,Madurai. 3. Dr. D. Alagarsamy Associate Professor in English, CPA College, Bodi. 4. Mr. C. Muniyandi Associate Professor in English, CPA College, Bodi. 5. Mr. M. Tamilselvan Assistant Professor of English Govt. Arts College, Melur. 6. Mr. K. Baskar Sakthi Script writer for Tamil Feature films and Serials in T.V.
32.	Give details of student enrichment programmes with external experts	• Bridge Course for all first year students • Enrichment course in English • One Special lecture is organized every year with external subject expert
33.	List the teaching methods adopted by the faculty	• Lectures • Student seminar • News papers, Watching TV, New Channels, VYAS Channel. • Group Discussions • ICT enabled Teaching • Training in Communication Skills through English Language Lab.
34.	How does the department ensure that programme objectives are constantly met and learning outcomes monitored?	• Analysis of Assignments • Periodical department meetings • Through Class Test (Unit Test) • Evaluation meeting at the end of each semester • Internal and External assessment exams • Feedback from mentor.
35.	Highlight the participation of students and faculty in extension activities	**Students:** Students who are members of the NSS Units attend special camps and other camps. Attend Intercollegiate Competitions. Attend University & District level sports competitions. **Faculty:** Train School Teachers in English Language Teaching. Proof read dissertation and Thesis.

36.	Give details of "beyond syllabus scholarly activities" of the department	• NET/SLET Coaching classes • Encouraging and training students to present papers in conference/ seminars • Consultant for research scholars from other colleges. • Students' participation in the Intra and Inter – Collegiate Competitions organized by the other colleges.
37.	State whether the programme/department is accredited / graded by other agencies	NAAC Accredited – First cycle.
38.	Department Strengths	• Dedicated, student friendly • Cooperative, regular • Engaged in various student welfare activities in our college • Experienced and committed faculty • Availability
	Weakness	• Less motivated students • Students' knowledge of vocabulary and grammar is very poor. • Input of rural students • Lack of reading habit among students • Lack of Research projects. • Geographical disadvantage to attract foreign and other state students.
	Opportunities	• Well equipped library • Teaching English to first generation collegiate students. • To receive COP of UGC • Rethinking and reappraising one's teaching approach to suit the needs of the students • To focus on Research • To increase publications • To organize funded Seminars/ Conferences. • High employment potential as teachers • Chances for becoming creative writers • Chances to become translators
	Challenges	• Low level language proficiency even in their Mother tongue. • Improving the language proficiency of the students. • Poor reading habit.
39.	Future Plans of the Department	• Planning to build an English Language Laboratory. • Transforming the department into a full blown research centre. • Setting up a healthy department library. • Establishing a coaching center for TOEFL

DEPARTMENT OF CHEMISTRY

1.	Name of the department and its year of establishment	Chemistry - 1979
2.	Programmes/Courses Offered	B.Sc. Chemistry(Aided) M.Sc. Chemistry (Self-financed) M. Phil. Chemistry (Self-financed) Ph. D (Self-financed) UGC Sponsored Certificate Courses in i) Industrial Chemistry ii) Medical Lab Technology iii) Chem Informatics iv) Environmental Chemical Analysis
3.	Interdisciplinary Course and Departments involved	Allied subjects – Physics, Mathematics and Botany
4.	Annual/Semester/Choice Based Credit System	Semester with CBCS
5.	Participation of the Department in the course offered by the other Departments	Non-major elective subjects offered by other departments Paper 1 – Industrial Chemistry. Paper 2 – Drugs and Cosmetics Chemistry.

6. Number of Teaching posts sanctioned and filled.

Aided	Designation	Regular		Management	
		Sanctioned	Filled	Sanctioned	Filled
	Associate Professor	02	02	-	-
	Assistant Professor	02	02	-	-
Self – Finance	Associate Professor	-	-	-	-
	Assistant Professor	-	-	05	05

7. Faculty Profile

Name	Qualification	Designation	Specialization	No. of Years of Experience in this College	No. of M.Phil./ Ph.D. Guided
Aided					
Dr. M. Rajarajan	M.Sc., M.Phil., Ph.D., PGDCA.	Principal & Head of the Department	Nano - Photo catalysis	28	M.Phil.:16+4[*] Ph.D. : 4+5[*]
R. Kumarrajan	M.Sc., M. Phil.	Associate Professor	Inorganic Chemistry	21	-
G.Indramahalakshmi	M.Sc., M.Phil.	Assistant Professor	Spectrometry in Inorganic Complexes.	13	-
Dr. G. Ravindiran	M.Sc., Ph.D.	Assistant Professor	Organic chemistry	1.5	M.Phil.: 4[*] Ph.D. : 2[*]

		Self - financed			
R. Arunadevi	M.Sc., M.Phil.	Assistant Professor	Nano - Chemistry	1.5	-
B. Kavitha	M.Sc., M.Phil.	Assistant Professor	Physical & Nano - Chemistry	1.5	-
R. Karthiga	M.Sc., M.Phil.	Assistant Professor	Nano - Chemistry	1.5	-
K. Kavipriya	M.Sc., M.Phil.	Assistant Professor	Organic Chemistry	1.5	-
A. Mohamed Azharudeen	M.Sc., M.Phil.	Assistant Professor	Nano- Materials	1.0	-

8.	Percentage of Class taken by temporary faculty	Nil
9.	Programme wise Teacher-Student ratio (2013-14)	B.Sc. Chemistry - 1:34 M.Sc. Chemistry - 1:6 M. Phil. Chemistry - 1:5
10.	Number of Academic support staff and administrative Staff: Sanctioned and filled	Management Sanctioned : 04 Filled : 04
11.	Number of Faculty with ongoing Projects	Two
12.	Department Projects funded by UGC,CSIR, DST-FIST, DBT, ICSSR., etc.,	DST : 01 UGC: 02 CSIR :01
13.	Research Centre facility	Recognized Research Centre by Madurai Kamaraj University, Madurai.

14. Publications

International Journal	46
National Journal	00
State level Journal	00
Text Books	00
Edited Books	01
Papers Published in Compiled/Edited Books	23
Articles in News Paper	00
International Conference Volume	18

15.	Details of Patents and Income Generated	Nil
16.	Areas of Consultancy and Income Generated	CV studies, Spectrofluorimeter, UV-Visible-DRS, FTIR UV- Visible Spectroscopy Rs. 25000
17.	Faculty recharging Strategies	• Attending Conferences , Workshops and Seminars • Refresher and Orientation Programmes • Acquiring additional Qualifications. • Staff Development Programme organized by IQAC
18.	Student projects • Percentage of students who have done in-house projects including inter-departmental • Percentage of students placed for projects in organizations outside the institution i.e. in	• 100% - M.Sc. Students have done Chemistry projects • 100% -M. Phil. Students have done Chemistry projects • 10% - M.Sc. student. A. Alamelu

	Research laboratories/Industry/ other agencies:	(2013-2014) received summer research fellowship award in BARC, Mumbai
19.	Awards / recognition received at the National and International level	

Recognition received by Dr. M. Rajarajan, Principal.

Invited Talk -Abroad:

- International Workshop on Sonochemistry and Photocatalysis for Environmental Remediation, **School of Chemistry, The University of Melbourne, Australia – visit - November 26-28, 2008 -** on "Photocatalytic activity of surface modified ZnO nanoparticles in Environmental Remediation". International Travel Grant was supported by DST, NewDelhi.

Collaborative research:

- The University of Melbourne, School of Chemistry has invited **Dr. M. Rajarajan** to deliver a special talk on **"Photocatalytic activity of surface modified ZnO nanoparticles by PVA capping and encapsulation with Porphyrins"** to Sonochemistry Research Group and to do collaborative research work with Professor Muthupandian Ashokkumar, Head, Sonochemistry Research Group, **School of Chemistry, The University of Melbourne, Australia from November 21-30, 2011, the travel grant was supported by CSIR.**

International visit

- Participated and presented a research paper in the International conference on Nanoscience + Nanotechnology at **Sorbone University, Paris, France** during 23-27, July 2012. The entire travel grant was supported by UGC.
- Participated and presented a research paper in the International conference on Nanosmat at **Rice University, Houston,** Texas USA during 19- 22, May 2014. The traval grant was sponsored by DST, New Delhi.

20. Seminars, Conferences, Workshops Organized.

1. NATIONAL LEVEL SEMINARS/ CONFERENCES

Funding Agency	Amount Sanctioned Rs.	Title, Date, Place of National Seminar/Conference	Remarks
UGC	80,000/-	Emerging Trends in Chemistry ETC-1 July 26-27, 2006 C.P.A. College	**The Vice-Chancellor,** Madurai Kamaraj University inaugurated the seminar
UGC, CSIR, DRDO, TNSCST	50,000/- 50,000/- 25,000/- 20,000/-	Emerging Trends in Chemistry – ETC-2 July 24-25, 2008 C.P.A. College	**The Vice-Chancellor,** Madurai Kamaraj University inaugurated the seminar
UGC CSIR DST	50,000/- 40,000/- 50,000/-	Emerging Trends in Chemistry – ETC-3 September 23-24, 2010 C.P.A. College	**The Director,** Central Electro Chemical Institute (CECRI), Karaikudi inaugurated the seminar
DST CSIR TNSCST	75,000/- 50,000/- 20,000/-	Emerging Trends in Chemistry – ETC-4 October 4-5, 2012 C.P.A. College	**Dr.M.Muthuchezhiyan The Vice-Chancellor Periyar University, Salem,** inaugurated the seminar

UGC DST	1,20,000/- 75,000/-	Emerging Trends in Chemistry – ETC-5 September 18-19, 2014 C.P.A. College	**Prof. B. Viswanathan Head - National Centre for Catalysis Research** Department of Chemistry Indian Institute of Technology - Madras, Chennai, inaugurated the seminar

2. YSSP - DST SPONSORED INSPIRE PROGRMME:

Funding Agency	Amount Sanctioned Rs.	Title and Date	Participants Details	Remarks
TNSCST	2,20,000/-	Young Students Scientist Programme (YSSP – 2011) May 3- 22, 2011	80 Toppers of 10th grade from Theni and Dindigul Districts.	Prof. K. Pitchumani, the Registrar, Madurai Kamaraj University, Madurai Inaugurated the programme
TNSCST	2,20,000/-	Young Students Scientist Programme (YSSP – 2010) May 5- 24, 2010	80 Toppers of 10th grade from Theni and Dindigul Districts.	Dr. Vincent the Member Secretary, Tamilnadu State Council for Science & Technology (TNSCST), Chennai. Inaugurated the programme
DST	9,75,000/-	INSPIRE - Internship Science Camp Dec. 26 – 30, 2012	150 Toppers of 10th grade from Theni and Dindigul Districts.	Prof. K. Vijayamohanpillai, the Director, Central Electro Chemical Research Institute (CECRI) Inaugurated the programme
DST	9,75,000/-	INSPIRE - Internship Science Camp **Feb. 2014**	150 Toppers of 10th grade from Theni and Dindigul Districts.	Dr. A. Muthumanickam Registrar, Madurai Kamaraj University, Madurai Inaugurated the programme
DST	9,75,000/-	INSPIRE - Internship Science Camp **Oct. 2014**	150 Toppers of 10th grade from Theni and Dindigul Districts.	Prof. V. Ramakrishnan Director, Indian Institute of Science Education and Research(IISER) Thiruvanthapuram Inaugurated the programme

21. Students Profile

Name of the Course	Year	Applications Received	Selected		Pass Percentage	
			Male	Female	Male	Female
B.Sc. Chemistry	2010-2011	47	23	24	70	88
	2011-2012	49	20	29	74	87
	2012-2013	42	19	23	78	90
	2013-2014	60	9	35	76	92
M.Sc. Chemistry	2010-2011	5	4	1	-	-
	2011-2012	13	5	8	100	100
	2012-2013	11	8	3	100	100
	2013-2014	7	6	1	100	100
M.Sc. Industrial Chemistry (UGC innovative)	2010-2011	-	-	-	-	-
	2011-2012	-	-	-	-	-
	2012-2013	2	1	1	-	-
	2013-2014	3	2	1	100	100

	2010-2011	-	-	-	-	-
M.Phil. Chemistry	2011-2012	-	-	-	-	-
	2012-2013	5	2	3	-	100
	2013-2014	3	-	3	-	100

22. Diversity of Students (2007-2014)

Name of the Course	% of Students From the college	% of Students From the STATE	% of Students From the other States	% of Students From other countries
B.Sc. Chemistry	-	80	20	Nil
M.Sc. Chemistry	70	100	-	Nil
M.Sc. Industrial Chemistry (UGC innovative)	100	-	-	Nil
M. Phil. Chemistry	50	100	-	Nil

23. Number of Students cleared CivilServices, NET, SET, GATE, etc., : SET-01

24. Progression

Student Progression	% Against Enrolled
UG to PG	30
PG to M. Phil.	20
M. Phil. to Ph. D	30
Ph. D to Post –Doctoral	20
Employed	
Campus Selection	25
Other than Campus Selection	45
Entrepreneurs/ Self - employment	10

25. Diversity of staff

Percentage of faculty who are graduates	
of the same University	80 %
from other Universities within the State	20 %
from Universities from other States	-
from Universities outside the Country	-

26.	Number of Faculty who were awarded Ph.D. during the assessment period	One Dr. G. Indramahalakshmi Madurai Kamaraj University, (Thesis submitted -2014)
27.	Infrastructural Facilities	a) Library Books – 900 b) International Journals – 3 National Journal – 1 c) Internet facilities – BSNL broadband d) Total number of class rooms - 9 e) Smart Class rooms – 2 f) Students Laboratories: 2 f) Research laboratory – 1
28.	Number of Students of the department getting financial assistance from the College and other Units	• Students Aid Fund : 02 • Teachers Association Fund : 01 • Scholarship from TN Govt. : 111 • Scholarship from Spices Board : 23 • Others : 10
29.	Was any need assessment exercise undertaken before the development of new programmes?	Yes, Based on the opinions given by the alumni and by the subject experts on the need assessment has been done for the new programmes.
30.	Does the department obtain feedback from?	
	Faculty on curriculum as well as teaching – learning – evaluation?	• Yes. Feedback from the faculty members is obtained periodically in the department staff meeting. • Through monthly department meeting
	Students on staff, curriculum as well as teaching – learning – evaluation	• Yes, Feedback from students on staff members and curriculum is obtained periodically • Feedback on Teaching learning and evaluation system is obtained.
	Alumni and Employers	• Feedback from Alumni regarding curriculum and teaching - learning process is obtained. • Feedback from Employers on implementation of curriculum and teaching - learning process is obtained.
31.	List the distinguished alumni of the Department	1. T. Prabaharan, IPS Deputy Commissioner of Police (Traffic), Chennai 2. Dr. Mudimannar Director of Explosives, Chennai 3. Muthumariappan Project – Director TCS, Chennai. 4. Dr. K. Vignesh International Research Professor, Department of Chemistry College of Science, Yeungnam University, Gyeongsan, Gyeongbuk 712749 Republic of Korea. 5. Ravichandran Department of HR & CE Govt. of Tamil Nadu. 6. Dr. A. Alagarsamy Scientist in R&D, GE Industries, Bangaluru 7. L. Senthilkumaran, Senior Manager, Central Bank of India. Sivagiri. Tirunelveli (Dt). 8. Dr. A.R.Ramesh Assistant Professor of Chemistry, Thiagarajar College, Madurai.

		9. Mrs. K. Manimegalai Assistant professor APA College, Palani. 10. R. Kumarrajan Associate Professor CPA College, Bodinayakanur. 11. A. P. Sudhakaran Assistant professor Government Arts college, Coimbatore. 12. A. Marisamy Manufacturing officer Chennai Petroleum corporation Limited. Chennai. 13. Dr. G. Ravindran Assistant Professor CPA College, Bodinayakanur. 14. Dr. R. Hariharan Assistant Professor Pachaiyappa's College, Chennai – 30. 15. Jalaludin Manager, Bodinayakanur Municipality
32.	Give details of student enrichment programmes with external experts	• Two Special lectures are organized every year through UG and PG Chemistry Association. • National level seminar is organized once in two years. • Guest lectures are organized. • Subject Experts give invited talk for all students.
33.	List the teaching methods adopted by the faculty	• Using Blackboard & Chalk • Lecture method. • Using 3D models • Student Seminar presentation • Power Point Presentations • Group discussion • Brain storming session • Team Teaching method
34.	How does the department ensure that programme objectives are constantly met and learning outcomes monitored?	• Periodical department meetings arranged and programme object discussed. • Through Class Test (Unit Test) • Practical and Theory Internal Tests • External assessment exams • Viva – voce Exam for all subjects • Feedback from mentor • Evaluation meeting at the end of each semester
35.	Highlight the participation of students and faculty in extension activities	• Water Quality analysis • Soil analysis • Preparation of Washing Powder, Cleaning powder and Ink. • Tie-up with neighboring Industries regarding environmental remediation.

36.	Give details of "beyond syllabus scholarly activities" of the department	• Encouraging and training students to present papers in conference/ seminars • NET/SET coaching classes for PG students. • The Students are encouraged and allowed to attend intercollegiate seminars and competitions. • Industrial Visit (IV) is arranged every year.
37.	State whether the programme/department is accredited / graded by other agencies	1. NAAC accredited – First cycle 2. DST - FIST Sponsored
38.	**Chemistry Department** Strengths	• Well qualified Staff. • DST-FIST Supported Post Graduate and Research Department • Students participate in extension activities. • Career Guidance • State of Art - Laboratories and Research facilities. • Remedial Coaching for weak students.
	Weakness	• Students from rural background • Deficiency in medium of instruction – English.
	Opportunities	• Facilities for higher education and research activities. • To strengthen and expand consultancy and collaboration • Opportunities for expansion of infrastructure with the support of Management, UGC and DST – FIST. • To receive industry sponsored research projects.
	Challenges	• Transforming the students from the background into well educated and good citizens of our country. • Improving the subject proficiency of the students. • To motivate the student to become entrepreneurs and employable.
39.	Future Plans of the department	• All Faculty members to pursue Ph.D. • To initiate international collaboration with foreign Universities. • To activate Inter – Discipline Research for getting more funds from funding agencies. • To secure DBT Star College / Department status. • Enhance research activities of faculty members and students. • Encourage the students to clear CSIR-NET/GATE/TET/TNPC Group Services. • To elevate the Department Center of Excellence in Research.

DEPARTMENT OF MATHEMATICS

1.	Name of the department and its year of establishment		MATHEMATICS - 1977
2.	Programmes/Courses Offered		- B.Sc. Mathematics (Aided) - M.Sc. Mathematics (Aided) M. Phil. Mathematics (Self Financed) - Ph.D. Mathematics (Self Financed) - UGC Sponsored Certificate Course in LATEX
3.	Interdisciplinary Course and Departments involved.		Non Major Elective – PG- Commerce Non Major Elective – UG-All Departments (Except Mathematics)
4.	Annual/Semester/Choice Based Credit System.		Semester with CBCS.
5.	Participation of the Department in the course offered by the other Departments.		Allied Subject –Mathematics- B.Sc.(Chemistry)

6. Number of Teaching posts sanctioned and filled

Aided	Designation	Regular		Management	
		Sanctioned	Filled	Sanctioned	Filled
	Associate Professor	8	8	-	-
	Assistant Professor	2	1	1	1

7. Faculty Profile

Name	Qualification	Designation	Specialization	Years of Experience	No. of M.Phil./Ph.D. Guided
Mr. R. Pandy	M.Sc., M.Phil.	Associate Professor & Head	Graph Theory	29	M. Phil. : 01
Mr. S. Poonkundran	M.Sc., M. Phil.	Associate Professor	Complex Analysis	29	-
Mrs. V.M.A. Tharija	M.Sc., M. Phil.	Associate Professor	Diff.Equations	28	-
Mr. K. Nagarajan	M.Sc., M. Phil.	Associate Professor	Probability & Statistics	28	-
Dr. C. Elango	M.Sc., M. Phil., PGDCA., Ph.D.	Associate Professor	Stochastic Models & Fuzzy Logic	28	M. Phil.: 8+5[*] Ph.D. : 9+8[*]
Mr. S. Raja	M.Sc., M. Phil.	Associate Professor	Numerical Analysis	28	-
Mr.A.Ajmeer Kaja Mohaideen	M.Sc., M. Phil.	Associate Professor	Number Theory	26	-
Mr. A.Maheshwaran	M.Sc., M. Phil.	Associate Professor	Stochastic Models	18	-
Dr. K. Krishnan	M.Sc., M. Phil., PGDCA., Ph.D.	Assistant Professor	Stochastic Models	16	M. Phil. : 8+5[*] Ph.D. : 6[*]
Mrs. K. Haribarathi	M.Sc., M. Phil.	Assistant Professor	Graph Theory	1	-
Mrs.K.Bakialakshmi	M.Sc., M. Phil., B.Ed.	Assistant Professor	Graph Theory	1	-

*Ongoing

8.	Percentage of Class taken by temporary faculty	10%
9.	Programme wise Teacher-Student ratio (2013-14)	B.Sc. Mathematics - 1:15 M.Sc. Mathematics - 1:6 M. Phil. Mathematics - 1:5
10.	Number of Academic support staff and administrative Staff: Sanctioned and filled	Management Sanctioned : 0 Filled : 0
11.	Number of Faculty with ongoing Projects	Nil.
12.	Department Projects funded by DST-FIST, DBT, ICSSR., etc.,	Yes
13.	Research Centre facility	Recognized Research Centre by Madurai Kamaraj University, Madurai

14. Publications

International Journal	31
National Journal	03
State level Journal	00
Text Books	02
Edited Books	02
Papers Published in Compiled/Edited Books	22
Articles in News Paper	00
International Conference Volume	17

15.	Details of Patents and Income Generated	Nil
16.	Areas of Consultancy and Income Generated	Mat Lab & Maple Software Training Rs. 10,000 from PWD, Madurai
17.	Faculty recharging Strategies	• Attending Conferences, Workshops and Seminars. • Organizing Conferences, Workshops and Seminars. • Refresher and Orientation Programmes. • Acquiring additional Qualifications. • Staff Development Programme organized by IQAC
18.	Student projects	100% M. Phil. projects / dissertations
19.	Awards / recognition received at the National and International level	Nil

20. Seminars, Conferences, Workshops Organized.

Sl. No.	Seminar / Conference organized	Funding Agency	Amount in Rs.	Year
1.	One day Seminar on Mathematical Analysis	College Management	15,000	2012
2.	One day Seminar on Applied Differential Equations	College Management	15,000	2012
3.	One day Seminar on Mathematical Analysis	College Management	15,000	2013
4.	Two day National Conference on Mathematical Modeling	UGC	1,37,000	2014
5.	One day Workshop on Latex & Mat lab	College Management	10,000	2014
6.	One day Seminar on Fuzzy Algebra in commemoration of Ramanujan Birth day	College Management	10,000	2014

21. Student Profile

Name of the Course	Year	Application Received	Selected		Pass Percentage	
			Male	Female	Male	Female
B. Sc. Mathematics	2010-11	56	10	14	80	93
	2011-12	50	7	34	85	80
	2012-13	84	7	38	73	79
	2013-14	76	7	47	74	81
M.Sc. Mathematics	2010-11	10	1	8	100	87
	2011-12	25	8	14	82	83
	2012-13	28	9	12	86	83
	2013-14	28	10	18	90	94
M. Phil. Mathematics	2010-11	-	-	-	-	-
	2011-12	-	-	-	-	-
	2012-13	10	5	5	100	100
	2013-14	6	2	4	100	100

22. Diversity of Students.

Name of the Course	% of Students From the college	% of Students From the STATE	% of Students From the other States	% of Students From other countries
B.Sc.Mathematics	-	100	Nil	Nil
M.Sc.Mathematics	60	30	10	Nil
M.Phil.Mathematics	50	50	Nil	Nil

23. Number of Students cleared Civil Services, NET, SLET, GATE, etc. :   NET - 01

24. Progression

Student Progression	% Against Enrolled
UG to PG	40
PG to M. Phil.	10
M. Phil. to Ph.D.	10
Ph.D. to Post –Doctoral	Nil
Employed	
Campus Selection	10
Other than Campus Selection	50
Entrepreneurs/ Self - employment	30

25. Diversity of staff

Percentage of faculty who are graduates	
of the same University	80
from other Universities within the State	20
from Universities from other States	Nil
from Universities outside the Country	Nil

26.	Number of Faculty who were awarded Ph.D. during the assessment period	Nil
27.	Infrastructural Facilities	- Library Books – 1000 - Journals – 06 - e-Journals -05 - Internet facilities for staff and students. - Total number of class rooms - 06 - Smart Class rooms – 01 - Research laboratories – 01
28.	Number of Students of the department getting financial assistance from the College and other units	- Students Aid Fund : 02 - Teachers Association Fund : 01 - Scholarship from TN Govt. : 177 - Scholarship from Spices Board : 39 - Others : 43
29.	Was any need assessment exercise undertaken before the development of new programmes?	Yes.
30.	Does the department obtain feedback from?	
	Faculty on curriculum as well as teaching – learning – evaluation?	- Yes. Feedback from the faculty members are obtained periodically in the department staff meeting. - Through monthly department meeting
	Students on staff, curriculum as well as teaching – learning – evaluation	Yes, Teaching learning and evaluation system are modified on the basis of the Feedback

		from of the students.
	Alumni and Employers	• Alumni interaction with the present students will be held frequently. • Employers conduct workshops to the present students in thrust areas.
31.	List the distinguished alumni of the Department	1. Dr. V. Masila Mani Asst. Prof. in Computer Science IIT DSM, Kanchipuram 2. Dr. N. Anabazhagan, Professor, Ramanujan Centre for Mathematics. Alagappa University, Karaikudi 3. Mrs. B. Sundaravadivoo Assistant Professor, Ramanujan Centre for Mathematics. Alagappa University, Karaikudi 4. Mr. R. Jegadesh C.A. Chartered Accountant, Theni. 5. Dr. S. Muralisankar, Associate professor, School of Mathematics Madurai Kamaraj University, Madurai. 6. Dr. M. Pitchaimani, Associate professor, Ramanujam Institute for Advanced Studies in Mathematics(RISAM), University of Madras, Chennai. 7. Dr. M. Senthilkumaran, Associate professor, Thiagarajar College, Madurai. 8. Mr. B. Vinayagamoorthy Software consultant, HP, Noida 9. Dr. S. Jeganathan Assistant Professor, Ramanujam Institute for Advanced Studies in Mathematics, University of Madras, Chennai.
32.	Give details of student enrichment programmes with external experts	• Special lectures are organized every year with external subject experts. • National level workshop and seminar are organized. • Students' Participation in Seminars.
33.	List the teaching methods adopted by the faculty	• Chalk & Talk Method. • Lecture method. • Brain storming. • Team teaching. • Learning by doing. • Mathematics practicals-Lab. • Problem solving approach.

		• Project method.
		• Mathematical Models.
		• Student Seminars.
		• Power Point Presentations
		• Student Interaction
		• Analysis of assignments
34.	How does the department ensure that programme objectives are constantly met and learning outcomes monitored?	• Individualized Assignments • Evaluation of Assignments • Class Test • Problem solving sessions. • Quiz in Mathematics. • Problem proposing sessions. • Periodical department meetings • Review meeting at the end of each semester. • Internal and External assessment exams • Feedback from mentor
35.	Highlight the participation of students and faculty in extension activities	**Students:** • Students who are members of the NSS Units attend special camps and other camps. • Supporting School teachers in reinforcing learning inputs to higher secondary Mathematics students. **Faculty:** • Train higher secondary School Teachers in conceptual learning of Mathematical Sciences. • Giving intensive training in analytical and logical reasoning for all our undergraduate students. • Faculty members act as NSS Programme Officers.
36.	Give details of "beyond syllabus scholarly activities" of the department	• NET/SLET Coaching classes • Question setters for Ph.D. Entrance conducted by Universities in TamilNadu. • Encouraging and training students to present papers in conference/ seminars • The Student are encouraged and allowed to attend intercollegiate seminars and competitions. • Training Research scholars in LATEX, MATLAB and Maple

37.	State whether the programme/department is a accredited / graded by other agencies	1. NAAC accredited – First cycle 2. DST - FIST Sponsored
38.	**Mathematics Department** Strengths	• Staff members are well qualified and experienced. • DST-FIST Supported Post Graduate and Research Department. • Well experienced and dedicated faculty • Availability of Internet facility with WiFi. • Students are motivated to participate in all types of extension activities. • Producing more number of Ph.D. scholars • Remedial Coaching. • Offering UGC-COP in LATEX.
	Weakness	• Limited number of Ph.D. holders in faculty. • Low intellectual index of students. • Students from rural background.
	Opportunities	• Promotion of research activities. • Integrating Computer Applications in Mathematical Studies • To strengthen and expand consultancy and collaboration. • To get Minor / Major projects. • To become center of excellence in Mathematics. • Clustering other departments (Mathematics, Chemistry and Computer Science)
	Challenges	• Providing best placement for our students. • Enhancing the analytical skill of the students • Making the students think creatively to solve real life problems through Mathematical Modeling.
39.	Future Plans of the department	• To setup a Mathematical lab with advanced Mathematical Softwares – LINDA, Mathematica and SIMULA • More Faculty members to pursue Ph.D. • To initiate strategies for getting more funding from funding agencies. • To popularize ICT enabled teaching. • To secure DBT Star College / Department status.

DEPARTMENT OF COMPUTER SCIENCE

1.	Name of the department and its year of establishment	Computer Science - 1988
2.	Programmes/Courses Offered	B.Sc. Computer Science.
3.	Interdisciplinary Course and Departments involved	Non-Major Elective subjects offered by Other UG departments except Computer Science.
4.	Annual/Semester/Choice Based Credit System	Semester with CBCS
5.	Participation of the Department in the course offered by the other Departments	Allied subjects - Mathematics.

6. Number of Teaching posts sanctioned and filled

Aided	Designation	Regular		Management	
		Sanctioned	Filled	Sanctioned	Filled
	Associate Professor	03	03	-	-
	Assistant Professor	01	01	01	01

7. Faculty Profile

Name	Qualification	Designation	Specialization	No. of Years of Experience in this College	No. of M. Phil./Ph.D. Guided
Aided					
Dr. S. Sivakumar	B.E., M.S., Ph.D.	Associate Professor & Head of the Department	Medical Image Processing	26	M. Phil. : 3+8*
Mr. K. Madasamy	M.Sc., M.S., B.Ed., DSADP., PGDCA.	Associate Professor	Data mining	24	Nil
Mr. R. Murugesan	M.Sc.,M.Phil., PGDCA.	Associate Professor	Cloud Computing	24	M.Phil.: 12+4*
K.Nithyanandakumari	M.Sc.,M. Phil.	Assistant Professor	Data mining and Cloud Computing	6	M. Phil. : 4*
Management Aided					
Ms. N. Ramapraba	M.Sc.	Assistant Professor	Operations Research	1	-

*On going

8.	Percentage of Class taken by temporary faculty	20
9.	Programme wise Teacher-Student ratio (2013-14)	B.Sc. Computer Science: 1:24
10.	Number of Academic support staff and administrative Staff: Sanctioned and filled	Management Sanctioned : 1 Filled : 1
11.	Number of Faculty with ongoing Projects	Applied for UGC- MRP
12.	Department Projects funded by DST-FIST, DBT, ICSSR., etc.,	Supported by DST-FIST
13.	Research Centre facility	Nil.

14. Publications

International Journal	09
National Journal	00
State level Journal	00
Text Books	00
Edited Books	01
Papers Published in Compiled/Edited Books	19
Articles in News Paper	00
International Conference Volume	09

15.	Details of Patents and Income Generated	Nil
16.	Areas of Consultancy and Income Generated	Project Consultancy-Rs.8000.
17.	Faculty recharging Strategies	• Attending Conferences , Workshops and Seminars • Attending Refresher and Orientation Programmes. • Acquiring additional Qualifications. • Attending Staff Development Programme organized by IQAC.
18.	Student projects • Percentage of students who have done in-house projects including inter-departmental • Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/Industry/ other agencies:	• 100% in-house projects. • UG programme has project as one of the requirements of the course. • In-house projects are mandatory for all enrichment programmes. Nil
19.	Awards / recognition received at the National and International level	Nil

20. Seminars, Conferences, Workshops Organized.

Sl. No.	Name of the Event	Sponsors / Collaboration	Amount In Rs.	Year
1	Workshop in Multimedia	Management	3000	2012
2	Seminar on Network Security	Management	3000	2012
3	Seminar on Image Processing	Management	3500	2013
4	Seminar on Data Mining	Management	3500	2013
5	Seminar on Recent trends in Computer Science & Applications	Management	15000	2014
5	National Seminar on Recent trends and Research Issues in Computer Science	UGC	120000	2014
6	Workshop on LATEX & Matlab	Management	4000	2014
7	Seminar on Cloud Computing	Management	4000	2014

21. Student Profile

Name of the Course	Year	Application Received	Selected Male	Selected Female	Pass Percentage Male	Pass Percentage Female
B.Sc. Computer Science	2010-11	53	21	14	100	100
	2011-12	53	19	19	100	100
	2012-13	57	27	12	100	100
	2013-14	107	22	15	92	100

22. Diversity of Students (2007-2014)

Name of the Course	% of Students from the college	% of Students from the STATE	% of Students from the other States	% of Students from other countries
B.Sc. Computer Science	0	92	08	0

23. Number of Students cleared CivilServices, NET, SLET, GATE, etc.,: Nil

24. Progression

Student Progression	% Against Enrolled
UG to PG	35
PG to M. Phil.	15
M. Phil. to Ph.D.	Not Applicable
Ph.D. to Post – Doctoral	Not Applicable
Employed	
Campus Selection	20
Other than Campus Selection	20
Entrepreneurs/ Self - employment	10

25. Diversity of staff

Percentage of faculty who are graduates	
of the same parent university	50
from other universities within the State	50
from other universities from other States	Nil

26.	Number of Faculty who were awarded Ph.D. during the assessment period	One Dr. S. Sivakumar, Head of the Department.
27.	Infrastructural Facilities	Department books in General Library: 1430 and 4 magazines. Educational CD / DVDs. Internet Facilities for staff and students. BSNL Broadband facility available (Unlimited download). Total number of class rooms : 03 Smart Class Room :01 Students' Laboratories: 2 Laboratories (One Computer and one digital lab) housed with 40 computer systems, digital lab equipments and other accessories. Research Laboratories: Not applicable
28.	Number of Students of the department getting financial assistance from the College and other units	• Students Aid Fund : 02 • Teachers Association Fund :01 • Scholarship from TN Govt.: 47 • Scholarship from Spices Board : 25 • Others : 4
29.	Was any need assessment exercise undertaken before the development of new programmes?	Yes.
30.	Does the department obtain feedback from?	
	Faculty on curriculum as well as teaching – learning – evaluation?	Yes, At the end of each semester, feedback of the faculty is obtained every year.
	Students on staff, curriculum as well as teaching – learning – evaluation	Yes, on the basis of the feedback obtained from the students, teachers will fine tune their teaching methodology.
	Alumni and Employers	Feedback collected from Alumni during the Alumni meeting on yearly basis.

		Feedback from Employers on implementation of curriculum and teaching - learning process is obtained
31.	List the distinguished alumni of the Department	1. R. Venkataraghavan, M.C.A. Project manager, City Bank, Singapore. 2. RV. Sridhar, M.Sc. Senior Programmer I soft, Chennai 3. B.Pradeep, M.C.A. Senior Programmer, Wipro Technogies, Bangalore. 4. A.Balamurugan, M.C.A. Senior Programmer, TVS Rubber, Madurai. 5. R. Srinivasan, M.C.A. Associate, CTS Techno park, Chennai. 6. D.K.K. Kamalakannan, M.C.A. Programmer, Kumaran Systems P.Ltd, Chennai. 7. E. Senthil, M.C.A. Software Engineer WIPRO, Bangalore. 8. P. Karthikeyan, M.C.A. Software Engineer, e-Capital, Bangalore. 9. R. Anadaraman, M.C.A., Teaching Assistant, C.P.A. College. 10. N.Prabu , Senior Software Engineer, AON Hewitt. 11. A.Ravisankar, Client Relationship Manager, Devan Housing Finance Corp Ltd. 12. A.Balamurugan, Project Leader, OKS Prepress Services Pvt. Ltd. 13. T.Sathishkumar, IT Analyst, TCS, Chennai
32.	Give details of student enrichment programmes with external experts	• Special lectures are organized every year with external subjects experts • National level workshop and seminar are organized every year

		External Experts: 1. Prof. R. Natarajan Professor & Head, Department of Computer Applications, PSG Tech. Coimbatore. 2. Dr. P. Yogesh Department of Computer Science. Anna University, Chennai 3. Dr. S. Kannan, School of I.T Madurai Kamaraj University, Madurai
33.	List the teaching methods adopted by the faculty	• Chalk and Talk Method. • ICT based Teaching • E-Learning Resources. • NPTEL videos. • Doubt clearing sessions. • Group discussions. • Remedial Coaching. • Seminars by students on emerging areas in Computer Science.
34.	How does the department ensure that programme objectives are constantly met and learning outcomes monitored?	• Analysis of University result is the principal yardstick. • Learning outcomes are also measured through the number of placements the students get in on and off campus interviews.
35.	Highlight the participation of students and faculty in extension activities	**Students' Participation** • NSS program, Blood Donation Camps, Youth Red Cross • Sports activities. • University Youth festival • Cardo-Comp Cultural Competitions. • Skill acquiring programmes. **Faculty Participation** • Co-curricular and Extracurricular activities. • Resource persons. • Consultancy.

36.	Give details of "beyond syllabus scholarly activities" of the department	• Preparation of Multi-media learning material to promote student centered learning. • Training for Competitive examinations • Student counseling.
37.	State whether the programme/department is a accredited / graded by other agencies	1. NAAC accredited – First cycle 2. DST - FIST Sponsored
38.	Computer Science Department Strengths	• Qualified and experienced faculties • DST-FIST Supported Department • Well equipped & Library & Laboratory • Consistently good results • Offering M. Phil. Courses • Classes are conducted using advanced teaching aids like MLM (Multimedia Learning Materials)
	Weakness	• Students have poor abilities in soft and communicative skills. • Academically weak and slow learning students • Only one member holding Ph.D.
	Opportunities	• Opportunities to attend seminars, intercollegiate meet and workshops. • Extensive training on soft skills and communicative skill. • Clustering Departments • Offering consultancy & Collaborating with industries. • To apply for more number of Minor & Major research projects in different funding agencies. • Successfully submit project proposals to various funding agencies.
	Challenges	• Rural students find the medium of instruction difficult to follow. • To seek to ensure placement to all the students.

39.	Future Plans of the department	- To establish Grid / Cloud computing lab - To organize the periodical seminars/ conferences/workshops in the international level. - To establish a full-fledged Research and Development centre. - To establish research consultancy to handle the projects outsourced from the industries. - To encourage the students to face online examinations. - To secure DBT Star College / Department status.

DEPARTMENT OF PHYSICS

1.	Name of the department and its year of establishment	PHYSICS – 1976
2.	Programmes/Courses Offered	UG (B.Sc.Physics-Allied)
3.	Interdisciplinary Course and Departments involved	Nil
4.	Annual/Semester/Choice Based Credit System	Semester with CBCS
5.	Participation of the Department in the course offered by the other Departments	Allied subject- Physics: B.Sc.(Mathematics) B.Sc.(Chemistry)

6. Number of Teaching posts sanctioned and filled

	Designation	Regular		Management	
		Sanctioned	Filled	Sanctioned	Filled
Aided	Associate Professor	-	-	-	-
	Assistant Professor	2	2	-	-

7. Faculty Profile

Name	Qualification	Designation	Specialization	No. of Years of Experience in this College
Mr. G. Rajmohan	M.Sc., M.Phil.. B.Ed., PGDCA.	Assistant Professor & Head	Material Science	7
Mrs. A. Subalakshmi	M.Sc., M.Phil.. B.Ed.	Assistant Professor	Crystal Growth	5

8.	Percentage of Class taken by temporary faculty	Nil
9.	Programme wise Teacher-Student ratio	UG - Allied Physics 1:50
10.	Number of Academic support staff and administrative Staff: Sanctioned and filled	Management Sanctioned : 01 Filled : 01
11.	Number of Faculty with ongoing Projects	Nil.
12.	Department Projects funded by DST-FIST, DBT, ICSSR., etc.,	DST-FIST Sponsored.
13.	Research Centre facility	Nil.

14. Publications

International Journal	00
National Journal	00
State level Journal	00
Text Books	00
Edited Books	01
Papers Published in Compiled/Edited Books	02
Articles in News Paper	00
International Conference Volume	00

15.	Details of Patents and Income Generated	Nil
16.	Areas of Consultancy and Income Generated	Nil
17.	Faculty recharging Strategies	- Attending Conferences, Workshops and Seminars. - Refresher and Orientation Programmes. - Acquiring additional Qualifications. - Attending Staff Development Programme organized by IQAC.
18.	Student projects	Nil
19.	Awards / recognition received at the National and International level	Nil
20.	Seminars, Conferences, Workshops Organized	Nil
21.	Student Profile	Not Applicable
22.	Diversity of Students	Not Applicable
23.	Number of Students cleared Civil Services, NET, SLET, GATE, etc.,	Nil
24.	Progression	Not Applicable

25.	Diversity of Staff	Same parent university - Nil Other university within the state :100% Other Universities from other States – Nil
26.	Number of Faculty who were awarded Ph.D. during the assessment period	Nil
27.	Infrastructural Facilities	• Department Library : 200 Books • Internet Facilities for staff and students : Yes BSNL Broadband facility for staff. • Total number of class rooms:02 • Class rooms with ICT facility :01 • Laboratories : 01
28.	Number of Students of the department getting financial assistance from the College and other units	Not applicable
29.	Was any need assessment exercise undertaken before the development of new programmes?	1. NAAC accredited – First cycle 2. DST - FIST Sponsored
30.	Does the department obtain feedback from?	
	Faculty on curriculum as well as teaching – learning – evaluation	Yes, At the end of each semester, feedback of the faculty is obtained every year.
	Students on staff, curriculum as well as teaching – learning – evaluation	Yes, on the basis of the feedback obtained from the students, teachers will fine tune their teaching methodology.
	Alumni and Employers	Feedback collected from Alumni during the Alumni meeting on yearly basis. Feedback from Employers on implementation of curriculum and teaching - learning process is obtained
31.	List the distinguished alumni of the Department	1. T. Prabaharan, IPS Deputy Commissioner of Police (Traffic), Chennai 2. Dr. Mudimannar Director of Explosives, Chennai 3. Muthumariappan Project – Director TCS, Chennai. 4. Dr. V. Masila Mani Asst. Prof. in Comp. Science IIT DSM, Kanchipuram

		5. Dr. N. Anabazhagan, Professor, Ramanujan Centre for Mathematics. Alagappa University, Karaikudi.
		6. Mr. R. Jegadesh C.A. Chartered Accountant Theni.
32.	Give details of student enrichment programmes with external experts	• Special lectures are organized every year with external subject experts • Workshop and seminar are organized every year
33.	List the teaching methods adopted by the faculty	• Lectures • Student seminar • Group Discussions • Power point Presentation • Net-Based Assignments
34.	How does the department ensure that programme objectives are constantly met and learning outcomes monitored?	• Analysis of Assignments • Periodical department meetings • Through Class Test (Unit Test) • Evaluation meeting at the end of year semester • Internal and External assessment exams • Feedback from mentor
35.	Highlight the participation of students and faculty in extension activities	• Faculty acts as Convener-Cardo-Comp • Faculty acts as member CWED and women's forum.
36.	Give details of "beyond syllabus scholarly activities" of the department	• Encouraging and training students to present papers in conference/ seminars. • Organizing Science Exhibitions. • Students' participation in the Inter – Collegiate Competitions organized by the other colleges. • Resource person for CES.
37.	State whether the programme/department is a accredited / graded by other agencies	1. NAAC accredited – First cycle 2. DST - FIST Sponsored

38.	Physics Department		• Well qualified, dedicated faculty with scientific temper.
		Strengths	• DST-FIST Supported Department
			• Well-equipped lab facilities
			• Healthy student teacher relationship
			• Good academic results
			• Conducive learning environment.
		Weakness	• Absence of Major Course in Physics.
			• No Research projects.
			• Caliber of the students is poor.
		Opportunities	• Availability of Neutrino Project of Indian Govt. in nearby area.
			• Collaborative research in neutrino particle detection technology.
		Challenges	• Attracting more students towards basic Sciences like Physics.
			• Improving the scientific temper of our students.
39.	Future Plans of the department		• Start of major course.
			• Establishment of research facilities.
			• Upgrading lab facilities.
			• To secure DBT Star College / Department status.

DEPARTMENT OF BOTANY

1.	Name of the department and its year of establishment	**BOTANY** - 1995
2.	Programmes/Courses Offered	UG (B.Sc., Allied - Botany)
3.	Interdisciplinary Course and Departments involved	Nil
4.	Annual/Semester/Choice Based Credit System	Semester with CBCS
5.	Participation of the Department in the course offered by the other Departments	Allied - Botany: B.Sc.-Chemistry

6. Number of Teaching posts sanctioned and filled

	Designation	Regular		Management	
		Sanctioned	Filled	Sanctioned	Filled
Aided	Associate Professor	-	-	-	-
	Assistant Professor	1	1	-	-

7. Faculty Profile

Name	Qualification	Designation	Specialization	No. of Years of Experience in this College	No. of M. Phil./Ph.D. Guided
Dr. C. GOPI	M.Sc., Ph.D.	Assistant Professor	Medicinal Plant Biotechnology	08	M.Phil. : 03 Ph.D. : 01*

*On going

8.	Percentage of Class taken by temporary faculty	Nil
9.	Programme wise Teacher-Student ratio (2013-14)	UG-Allied-Botany: 1:25
10.	Number of Academic support staff and administrative Staff: Sanctioned and filled	Management Sanctioned : 1 Filled : 1
11.	Number of Faculty with ongoing Projects	Nil.
12.	Department Projects funded by UGC, DST-FIST, DBT, ICSSR., etc.,	UGC-MRP (Rs.1,05,000/-) DST-FIST Sponsored.
13.	Research Centre facility	Nil.

14. Publications

International Journal	10
National Journal	00
State level Journal	00
Text Books	00
Edited Books	00
Papers Published in Compiled/Edited Books	00
Articles in News Paper	00
International Conference Volume	00

15.	Details of Patents and Income Generated	Nil
16.	Areas of Consultancy and Income Generated	Plant Identification Medicinal Plant Biotechnology. Mushroom Cultivation
17.	Faculty recharging strategies	• Attending Conferences, Workshops and Seminars. • Refresher and Orientation Programmes. • Acquiring additional Qualifications. • Attending Staff Development Programme organized by IQAC
18.	Student projects	Nil
19.	Awards / recognition received at the National and International level	Nil
20.	Seminars, Conferences, Workshops Organized	Nil
21.	Student Profile	Not Applicable
22.	Diversity of Students	Not Applicable
23.	Number of Students cleared Civil Services, NET, SLET, GATE, etc.,	Not Applicable
24.	Progression	Not Applicable
25.	Diversity of Staff	Same parent University : 00 Other University within the state – 100% Other Universities from other States – 00
26.	Number of Faculty who were awarded Ph.D. during the assessment period	Nil.
27.	Infrastructural Facilities	• Department Library : Yes • Internet Facilities for staff and students : Yes

			• Total number of class rooms : 01 • Class rooms with ICT facility :01 • (Using smart class room of Chemistry Department) • Students' Laboratories : 01 • Research Laboratories : 00.
28.	Number of Students of the department getting financial assistance from the College and other units		Not Applicable
29.	Was any need assessment exercise undertaken before the development of new programmes?		Yes, as and when necessary.
30.	Does the department obtain feedback from?		
	Faculty on curriculum as well as teaching – learning – evaluation?		Yes, Periodical meeting with the Principal.
	Students on staff, curriculum as well as teaching – learning – evaluation		Yes, Feedback from students on staff member and curriculum is obtained.
	Alumni and Employers		Feedback collected from Alumni during the Alumni meeting on yearly basis. Feedback collected from employers every year.

31.	List the distinguished alumni of the Department		1. Dr. G. Ravindran
			   Assistant Professor
			   CPA College, Bodinayakanur.
			2. Dr. R. Hariharan
			   Assistant Professor
			   Pachaiyappa's College,
			   Chennai – 30.
			3. Mr. M. Jalaludin
			   Manager,
			   Bodinayakanur Municipality

32.	Give details of student enrichment programmes with external experts		• Field Trip for plant collection with External expert Dr. G. Selvaraj, Associate Professor of Botany, H. K. R. H. College, Uthamapalayam.
33.	List the teaching methods adopted by the faculty		• OHP/Slide projector. • Group discussions. • Student Seminars. • Educational CD/ DVD
34.	Participation in Institutional Social Responsibility(ISR) and Extension activities:		• Coordinator of the Campus Green Audit • Faculty acted as House president in Cardo-Comp. • NSS Programme Officer • Blood Donation Camps- Youth Red Cross in association with NSS.
35.	Highlight the participation of students and faculty in extension activities		• Faculty acted as NSS program officer. • District Vice-President of Tamil Nadu Science Forum
36.	Give details of "beyond syllabus scholarly activities" of the department		• Consultant for research scholars from other colleges.

			• Students' participation in the Inter – Collegiate Competitions organized by the other colleges. • Resource person for CES
37.		State whether the programme/department is a accredited / graded by other agencies	1. NAAC accredited – First cycle 2. DST - FIST Sponsored
38.	Botany Department Strengths		• Well qualified, dedicated faculty with scientific temperament • DST-FIST Supported Department • Well-equipped lab facilities • Healthy student teacher relationship • Good results • UGC-Funded research projects.
	Weakness		• Absence of major status for biology. • Caliber of the students is poor.
	Opportunities		• To document medicinal plants of Western Ghats. • To establish e-herbarium • To establish herbal garden in the college • Rich Plant diversity for field trip.
	Challenges		• Application of Biotechnological tools in Secondary metabolites production • Value addition and Exploitation of herbals for income generation for rural poor. • Maximize the use of knowledge of traditional medicine. • Conserve Plant Diversity.
39.	Future Plans of the department		• Start major course status and feeding center. • Establish research facilities. • Collect and conserve endangered and threatened plant. • To establish herbarium.

DEPARTMENT OF COMMERCE

1.	Name of the department and its year of establishment	Commerce – 1978
2.	Programmes /Courses Offered	B. Com. (Aided) B. Com. (C. A.) (Aided) M. Com (Aided) B. Com. (C. A.) (Self-financed) M. Phil. (Self-financed) Ph. D. (Self-financed)
3.	Interdisciplinary Course and departments involved	Non- Major Elective Subject – All other UG Departments.
4.	Annual/Semester/Choice Based Credit System	Semester with CBCS
5.	Participation of the department in the course offered by the other departments	Allied Subject – B.A. Economics

6. Number of Teaching posts sanctioned and filled

Aided	Designation	Regular		Management	
		Sanctioned	Filled	Sanctioned	Filled
	Associate Professor	06	06	-	-
	Assistant Professor	04+01[*]	01	04	04
Self financed	Associate Professor	0	0	-	-
	Assistant Professor	07	07	00	00

* Part-Time Lawyer.

7. Faculty Profile

Name	Qualification	Designation	Specialization	No. of Years of Experience in this College	No. of M.Phil. / Ph.D. Guided
Dr. M. Selvaraj	M. Com., M. Phil., Ph. D., PGDCA., B. Ed.	Associate Professor and Head	Costing and Income Tax	33	M.Phil.:15+1*
Dr.S.Eswaramoorthi	M.Com., M.Phil., B. Ed., P.G.D.C.A., Ph. D.	Associate Professor	Income Tax	32	M.Phil.:20+1*
Dr. R. Rajendran	M. Com., M. Phil., Ph. D., B.Ed.	Associate Professor	Income Tax	33	M. Phil. : 8
Dr. M. Manoharan	M. Com., M. Phil., ICWA(inter) PGDCA., Ph.D.,	Associate Professor	Statistics	32	M.Phil.:25+1* Ph. D. : 4+4*
Dr. T. Rajakumaran	M. Com., M. Phil., Ph. D.	Associate Professor	Banking	32	M.Phil.:12+1*
Dr. S. Maria John	M. Com., B. Ed., PGDCA., M. B. A., Ph. D.	Associate Professor	Marketing	33	M. Phil. : 25 Ph. D.:18+10*
Dr. S. Balamurugan	M. Com., M. Phil., B.Ed., PGDCA., Ph. D.	Assistant Professor	Financial Accounting	20	M.Phil. : 6+1*
Management Aided					
Dr.K.Vanitheeshwari	M. Com., M. Phil., Ph. D.	Assistant Professor	Financial Management Services	5	M. Phil. : 2*
Mr. G. Rajesh	M. Com., M. Phil., B. d., M. A. (LM).	Assistant Professor	Human Resource Management	1	-
Mr. M. Arunkumar	M. Com., M. Phil.	Assistant Professor	Marketing	1	-
Mrs. S. Nagapriya	M. Com., M. Phil., DCA.	Assistant Professor	Human Resource Management	1	-
Self-financed					
Mr. R.AnandaRaman	M. C. A. M.Phil.	Assistant Professor	Network Management	8	-
Ms. S. Abirami.	B. E.	Assistant Professor	Operating System	3	-
Mr. V.Krishnakumar	M.Com, M.Phil.	Assistant Professor & Head (SF)	Income Tax	8	-
Mr. N. Vijayaanath	M.Com, M.Phil.	Assistant Professor	Bank Management	6	-

Mrs. S. Santhadevi	M.Com, M.Phil.	Assistant Professor	Marketing Management	1	-
Mr. P. Pandi	MCA., M.Phil.	Assistant Professor	Web-Technology	4	-
Miss.S.Kanchanadevi	M.Com(CA)., M.Phil.	Assistant Professor	e-Commerce	1	-

*Ongoing

8.	Percentage of Class taken by temporary faculty	30
9.	Programme wise Teacher-Student ratio	B.Com: 1:22 M.Com: 1:05 M.Phil.: 1:1
10.	Number of Academic support staff and administrative Staff: Sanctioned and filled	Management Sanctioned : 01 Filled : 01
11.	Number of Faculty with ongoing Projects	Nil.
12.	Department Projects funded by DST-FIST, DBT, ICSSR., etc.,	Nil.
13.	Research Centre facility	Recognized Research Centre by Madurai Kamaraj University, Madurai.

14. Publications

International Journal	05
National Journal	05
State level Journal	00
Text Books	05
Edited Books	00
Papers Published in Compiled/Edited Books	14
Articles in News Paper	00
International Conference Volume	01

15.	Details of Patents and Income Generated	Nil.
16.	Areas of Consultancy and Income Generated	1. Tax Consultancy – Rs. 3000 2. Entrepreneurial guidance – Rs. 2000
17.	Faculty recharging Strategies	• Attending Conferences, Workshops and Seminars. • Refresher and Orientation Programmes. • Acquiring additional Qualifications. • Attending Staff Development Programme organized by IQAC
18.	Student projects • Percentage of students who have done in-house projects including inter-departmental • Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/Industry/ other agencies:	• 100% in-house projects. • B. Com (CA) programme has project as one of the requirements of the course. Nil
19.	Awards / recognition received at the National and International level	National Level: Dr. S. Maria John, Associate Professor of Commerce, received the Rajiv Gandhi Award.

20. Seminars, Conferences, Workshops Organized.

Sl. No.	Seminar / Conference organized	Funding Agency	Amount in Rs.	Year
1.	Seminar on Entrepreneurial Traits among College Students	Management	4,000	2012
2.	Seminar on Preparation for UGC/NET – Examinations	Management	4,000	2013
3.	Seminar on DIC and Entrepreneurial Development	Management	4,000	2013
4.	Seminar on Financial Inclusion of Indian Banking Sector	Management	4,000	2013
5.	Seminar on Programme on Tally Accounting Software	Management	5,000	2014
6.	Seminar on MS Office Tools and Applications	Management	5,000	2014
7.	Seminar on Competing in the Challenging Environment	Management	5,000	2014

21. Student Profile

Name of the Course	Year	Application Received	Selected		Pass Percentage	
			Male	Female	Male	Female
B.Com	2010-2011	54	29	18	86	67
	2011-2012	42	31	11	91	89
	2012-2013	57	9	18	100	100
	2013-2014	57	20	15	73	75
B.Com(C.A) (Aided)	2010-2011	126	19	22	71	100
	2011-2012	39	17	22	92	100
	2012-2013	44	21	23	86	91
	2013-2014	47	11	36	70	94
B.Com(C.A) (S.F)	2010-2011	43	27	9	100	100
	2011-2012	58	16	27	100	100
	2012-2013	77	29	29	100	100
	2013-2014	88	46	31	100	100
M.Com	2010-2011	14	8	6	63	83
	2011-2012	38	20	18	73	59
	2012-2013	39	17	22	65	75
	2013-2014	34	14	20	55	80
M.Phil.	2010-2011	38	22	16	100	100
	2011-2012	39	17	22	100	100
	2012-2013	35	14	21	100	100
	2013-2014	25	13	12	100	100

22. Diversity of Students (2007-2014)

Name of the Course	% of Students From the college	% of Students From the States	% of Students From the other States	% of Students From other countries
B.Com	-	100	-	-
B.Com (CA)	-	100	-	-
B.Com (CA) (SF)	-	100	-	-
M.Com	40	100	-	-
M. Phil.	20	100	-	-

23. Number of Students who cleared Civil Services, NET, SLET, GATE, : NET-02

24. Progression

Student Progression	% Against Enrolled
UG to PG	48%
PG to M. Phil.	75%
M. Phil. to Ph. D	10%
Ph. D to Post –Doctoral	Nil
Employed	
Campus Selection	Nil
Other than Campus Selection	60%
Entrepreneurs/ Self – employment	20%

25.	Diversity of Staff	Same parent university:82% Other university within the state :18% Other Universities from other States – Nil

26.	Number of Faculty who were awarded Ph.D. during the assessment period	Two
		 1. Dr. S. Balamurugan
		     Asst. Prof. of Commerce
		 2. Dr. K. Vanitheeswari
		     Asst. Prof. of Commerce

27.	Infrastructural Facilities	• Department Library: Yes, Department Library has 1,710 books. • Internet Facilities for staff and students: BSNL Broadband facility available • Total number of class rooms : 08 • Class rooms with ICT facility :01 • Computer Laboratories: 01 • Research Laboratories : One research room
28.	Number of Students of the department getting financial assistance from the College and other units	• Students Aid Fund : 02 • Teachers Association Fund : 01 • Scholarship from TN Govt. : 170 • Scholarship from Spices Board : 59 • Others : 32
29.	Was any need assessment exercise undertaken before the development of new programmes?	Yes.
30.	Does the department obtain feedback from?	
	Faculty on curriculum as well as teaching – learning – evaluation?	Yes, feedback is obtained to improve the curriculum and the Teaching Efficiency of the faculty
	Students on staff, curriculum as well as teaching – learning – evaluation	Yes. The feedback of the students helps the department to modify the teaching – learning strategies and also revise the curriculum to suit their needs.
	Alumni and Employers	The opinions of the alumni and employers on the curriculum are also considered for further refinement.

31.	List the distinguished alumni of the Department	1. Mr. Radhakrishnan
		     Magistrate, Kodaikanal
		 2. Prof. K. Shankaran
		     Director of BIM,
		     Bharathidhasan University, Trichy.
		 3. Mr. Rajasekar
		     Deputy Manager
		     National Insurance Corporation
		     Dindigul .
		 4. Mr. Gopidass
		     Branch Manager,
		     State Bank of India.

	5. Mr. K. Muthukumar Manager, Karur Vysya Bank Madurai. 6. Mr. G. Nagaraj M.Com. Customs Officer Airport, Chennai. 7. R. Satheesh Kumar RADIAN Construction Ltd. Lusaka, Zambia. 8. R. Ravichandran M.Com., F.I.I.I, PGDCA., MHRM. Divisional Manager The Oriental Insurance Company Ltd.Neyveli. 9. Dr. T. Rajakumaran M.Com., M.Phil., Ph.D. Associate Prof of Commerce, C.P.A. College. 10. Dr. S. Balamurugan M.Com., M.Phil.,B.Ed., PGDCA., Ph.D. Assistant Professor of Commerce C.P.A. College. 11. Mr. Radhakrishnan Magistrate, Kodaikanal 12. C. A. Kannan Chartered Accountant, Chennai.

32. Give details of student enrichment programmes with external experts

- Special lectures are organized every year with external subjects experts
- National level workshop and seminar are organized every year

Students workshops Topics	Academic Year	Name and Address of the Resource Person
UGC/NET – Examinations	Sep, 2013	Dr. Suresh Faculty of Commerce CMR College, Coimbatore
DIC and Entrepreneurial Development	Jan, 2013	Er. L Ramasubramanian DIC , Theni
Financial Inclusion of Indian Banking Sector	Oct, 2013	Dr. T. Arulvelan Management Studies, EBIT College, Erode
Programme on Tally Accounting Software	March, 2014	Mr. A. Balamurugan Bala Tally Academy Theni
MS Office Tools and Applications	March, 2014	Dr. V. Suresh Babu Dept of Commerce MTN College, Madurai
Competing in the Challenging Environment	Feb, 2014	Dr. Mani Management Studies VIT University, Vellore.

33.	List the teaching methods adopted by the faculty	- Lecture method - Bank visit - Auditor internship - Power Point - Educational CDs. - On the Spot Study - Group Discussion - Case Study and Problem – Solving methods.
34.	How does the department ensure that programme objectives are constantly met and learning outcomes monitored?	- Department meeting - Evaluation meeting at the end of every semester - Analysis of Assignments - Through class tests - Internal and External assessment exams - Feedback from mentor
35.	Highlight the participation of students and faculty in extension activities	**Students:** - Students who are members of the NSS Units attend special camps and other camps. **Faculty:** - Offers Skill development programme though CES - CWED offers training women self help groups - Faculty acted as NSS program officer.
36.	Give details of "beyond syllabus scholarly activities" of the department	- Encouraging Students to participate in Paper presentation, Quizzes, Cultural Events etc. inside and outside college. - Encouraging Research Scholars to publish papers.
37.	State whether the programme/department is a accredited / graded by other agencies	1. NAAC accredited – First cycle
38.	Commerce Department Strengths	- All aided faculty members hold Ph. D. degree. - Research Department offering M. Phil & Ph. D. Programs - Producing good number of Ph. Ds - Consistent demand for courses - Consistently good academic results - Manageable Teacher – Student Ratio - Cluster Department meeting (Commerce, Economics and History)

		Weakness	• Less motivated students • Input of rural students • Geographical disadvantage to attract foreign and other state students
		Opportunities	• Submission of major project proposals to various funding agencies • Attending various skill development Programmes. • To receive industry sponsored projects. • To improve self employment potential
		Challenges	• Fund shortage for conducting seminars and workshops. • To ensure 100% placement. • Replacing retiring teachers with techer having research experience.
39.	Future Plans of the department		• To establish research consultancy to handle the projects outsourced from the industries. • To establish an e-commerce lab for staff and students. • To become a centre for excellence in Commerce. • To introduce a new Post Graduate Course - M. Com (CA).

DEPARTMENT OF HISTORY

1.	Name of the department and its year of establishment	History- 1977
2.	Programmes/Courses Offered	B.A. History(Aided) UGC Sponsored Certificate Course in Human Rights Education
3.	Interdisciplinary Course and Departments involved	Non- major Elective – All other UG Departments
4.	Annual/Semester/Choice Based Credit System	Semester with CBCS
5.	Participation of the Department in the course offered by the other Departments.	Nil.

6. Number of Teaching posts sanctioned and filled

Aided	Designation	Regular		Management	
		Sanctioned	Filled	Sanctioned	Filled
	Associate Professor	1	1	-	-
	Assistant Professor	3	2	1	1

8. Faculty Profile

Name	Qualification	Designation	Specialization	No. of Years of Experience in this College	No. of M. Phil./ Ph.D. Guided
Dr.A.Gnanasekaran*	M.A.,M.Phil., Ph.D., B.Ed.	Head & Associate Professor	Modern History	14	M. Phil. : 02
Dr. C. Manickaraj	M.A.,M. Phil. Ph.D.	Assistant Professor	Ancient and Medieval History,	07	-
Mr. R. Kabesh**	M.A.	Assistant Professor	Modern History, (Subaltern History)	05	-
Mr. M. Kanagaraj	M.A., M.A., M.Phil.	Assistant Professor	Medieval History	01	-

* SET qualified ** SET + NET qualified

8.	Percentage of Class taken by temporary faculty	25
9.	Programme wise Teacher-Student ratio (2013-14)	1:21
10.	Number of Academic support staff and administrative Staff: Sanctioned and filled	00

11.	Number of Faculty with ongoing Projects	Nil.
12.	Department Projects funded by DST-FIST, DBT, ICSSR., etc.,	Nil.
13.	Research facility / Centre with	Nil

14. Publications

International Journal	15
National Journal	22
State level Journal	00
Text Books	00
Edited Books	00
Papers Published in Compiled/Edited Books	31
Articles in News Paper	10
International Conference Volume	06

15.	Details of Patents and Income Generated	Nil
16.	Areas of Consultancy and Income Generated	Archaeological and Epigraphical works.
17.	Faculty recharging Strategies	• Attending Conferences, Workshops and Seminars. • Refresher and Orientation Programmes. • Acquiring additional Qualifications. • Attending Staff Development Programmes organized by IQAC
18.	Student projects	02
19.	Awards / recognition received at the National and International level	Nil

20. Seminars, Conferences, Workshops Organized.

Sl. No.	Name of the Event	Sponsors / Collaboration	Amount in Rs.	Year
1	Seminar on Indian History	Management	2500	2012
2	Bharathiar and Indian Nationalism	Management	2500	2013
3	Seminar on Temple Arts	Management	2500	2014

21. Student Profile

Name of the Course	Year	Application Received	Selected		Pass Percentage	
			Male	Female	Male	Female
B.A. History	2010-11	26	15	5	62	100
	2011-12	13	9	3	83	75
	2012-13	13	11	2	100	100
	2013-14	34	16	18	100	100

22. Diversity of Students (2007-2014)

Name of the Course	% of Students From the college	% of Students From the State	% of Students From the other States	% of Students From other countries
B.A. History	-	90	10	Nil

23. Number of Students cleared CivilServices, NET, SLET, GATE, etc., - Net: 01

24. Progression

Student Progression	% Against Enrolled
UG to PG	Not applicable
PG to M. Phil.	Not applicable
M. Phil. to Ph. D	Not applicable
Ph. D to Post –Doctoral	Not applicable
Employed	
Campus Selection	Nil
Other than Campus Selection	10
Entrepreneurs/ Self – employment	30

25.	Diversity of Staff	• Same parent University – 75% • Other University within the state - 25% • Other Universities from other States –Nil
26.	Number of Faculty who were awarded Ph.D. during the assessment period	• Mr. R. Kabesh (Doing Ph.D.) • Mr. M. Kanagaraj (Ph.D. Thesis submitted and Awaiting Results)
27.	Infrastructural Facilities	• Department books in General Library : 400 • Internet facilities for staff and students. • Total number of class rooms : 03
28.	Number of Students of the department getting financial assistance from the College and other units	• Students Aid Fund : 02 • Teachers Association Fund : 01 • Scholarship from TN Govt.: 33 • Scholarship from Spices Board : 03 • Others : 00
29.	Was any need assessment exercise undertaken before the development of new programmes?	Yes.
30.	Does the department obtain feedback from?	
	Faculty on curriculum as well as teaching – learning – evaluation?	• Yes. Based on the feedback got from the faculty, revisions in the curriculum are made in the Board of Studies meeting.
	Students on staff, curriculum as well as teaching – learning – evaluation	• Yes, Feedback from students on staff members and curriculum is

			obtained periodically
			• Feedback on Teaching learning and evaluation system is obtained.
	Alumni and Employers		• Yes, Feedback collected from Alumni during the Alumni meeting on yearly basis. • Yes, Feedback collected from employers every year.
31.	List the distinguished alumni of the Department		1. Dr. Murugavel Professor and Head, School of Physical Education, Bharathiar University, Coimbatore. 2. Mr. R. Palraj , Associate Professor, Dept. of History, Govt. Arts College, Karur. 3. Mr. M. Kanagaraj , Assistant Professor, Cardamom Planters Associations' College, Bodinayakanur. 4. Dr. T. Saravanan, Post-Doctoral Research, Madurai Kamaraj University, Madurai 5. Dr. A. Palanichamy, Assistant Professor Govt. Arts College, Poolankurinchi. 6. K. DhanavelPandi, ASO, Tamil Nadu Secreteriate, St. George Fort, Chennai
32.	Give details of student enrichment programmes with external experts		• Dr. V. Venkataraman, Principal, Raju's College, Rajapalayam Delivered an invited talk on "Bharathiar and Indian Nationalism". • Our students attended state level seminar on socio-religious reform movements-Tamilnadu at Jeyaraj Annapackium College for Women, Periyakulam on 21.02.2014. • Our students and Faculty together with Chairman (Principal) and Archeological experts visited in and around Kodangipatti, Theni District to expedite archaeological survey.
33.	List the teaching methods adopted by the faculty		• Lectures • Student seminar • Archeological survey • Field visit

			• Study Documentary film • Group discussion • ICT enabled teaching
34.	How does the department ensure that programme objectives are constantly met and learning outcomes monitored?		• Result Analysis • Feedback from Students and Teachers • Internal Assessment Test • Assignment • Quiz progarmme • Group Discussion • Seminar presentation
35.	Highlight the participation of students and faculty in extension activities		**Students:** • Students who are members of the NSS Units attend special camps and other camps. **Faculty:** • Mr. R. Kabesh acted as NSS Programme Officer • Dr. A. Gnanasekaran has acted as resource person for 'Intensive Training Programme for higher secondary PG History Teachers' • Mr. R. Kabesh serving as NCC Officer
36.	Give details of "beyond syllabus scholarly activities" of the department		• Acting as resource person for Bridge Intensive Course (BIC) conducted by the College • Offering Enrichment Course in Tourism Development. • Arranging the Guest Lectures on the Recent Developments in Historiography.
37.	State whether the programme/department is a accredited / graded by other agencies		NAAC accredited – First cycle
38.	History department	Strengths	• Two out of three regular faculty members are Ph.D. degree holders. • Library with good collection of Books. • Students tutorial system with personal care • Dedicated and experienced faculty • Two faculty members are UGC-NET qualified • Cluster department meeting (History, Economics and Commerce)
		Weakness	• Students from backward rural area. • Student with low motivation on social Science learning

		Opportunities	• To offer PG Programme • To focus on Applied Research.
		Challenges	• To infuse in the students the need to be proficient in History to face academic and employment prospects. • Encouraging Students to overcome their hurdles like language barrier to carry out the education in English Medium
39.	Future Plans of the department		• Plans to build awareness of historical values on the society through the students. • To transform the department into a full blown research Centre and setting up a healthy department library. • To collaborate with Archaeology department. • To offer a PG Diploma course in Tourism in collaboration with Tourism Department.

DEPARTMENT OF ECONOMICS

1.	Name of the department and its year of establishment	Economics - **1985**
2.	Programmes/Courses Offered	B.A. Economics (Aided)
3.	Interdisciplinary Course and Departments involved	1. Non Major Elective (NME) - All UG Departments except Economics 2. Allied subject - Principles of Accountancy-B.Com
4.	Annual/Semester/Choice Based Credit System	Semester with CBCS
5.	Participation of the Department in the course offered by the other Departments	Allied Subject – General Economics - B.Com

6. Number of Teaching posts sanctioned and filled

Aided	Designation	Regular		Management	
		Sanctioned - 4	Filled	Sanctioned	Filled
	Associate Professor	03	03	-	-
	Assistant Professor	01	-	02	02

7. Faculty Profile

Name	Qualification	Designation	Specialization	No. of years of experience	No. of M.Phil./Ph.D. Guided
Dr.P. Prince Dhanaraj	M.A., M.Phil., Ph.D.	Associate Professor & Head	Industrial Economics	28	M.Phil.:06 Ph. D : 1+1*
Dr. A. Ramachandran	M.A., M.Phil., Ph.D.	Associate Professor	Labour Economics	27	-
Dr. T. Anbalagan	M.A., M.Phil., Ph.D.	Associate Professor	Rural Development	26	M.Phil. : 1+1
Dr.C.Soundarapandian	M.A., M.Phil., Ph.D.	Assistant Professor	Agricultural Economics	7	-
Miss. M. Anbuchelvi	M.A., M.Phil.	Assistant Professor	Agricultural Economics	2	-

*On going

8.	Percentage of Class taken by temporary faculty	40
9.	Programme wise Teacher-Student ratio (2013-14)	B.A. Economics: 1:30
10.	Number of Academic support staff and administrative Staff: Sanctioned and filled	Management Sanctioned :00 Filled : 00
11.	Number of Faculty with ongoing Projects	One – UGC Major Project
12.	Department Projects funded by UGC, DST-FIST, DBT, ICSSR., etc.,	UGC, ICSSR
13.	Research Centre facility	Nil.

14. Publications

International Journal	01
National Journal	06
State Journal	03
Text Books	10
Edited Books	01
Papers published in Compiled/Edited Books	06
Article in News papers	02
International Conference Volume	01

15.	Details of Patents and Income generated	Nil
16.	Areas of consultancy and Income Generated	SPSS Consultancy – Rs. 6000
17.	Faculty Recharging Strategies	- Attending Conferences, Workshops and Conducting Seminars at the National/International level - Refresher and Orientation Programmes - Acquiring additional qualifications - Attending Staff Development Programme organized by IQAC
18.	Student Projects	Nil
19.	Awards/Recognitions Received at the National and International level	Dr. P. Prince Dhanaraj received the Research Associate award from Indian Institute of Advanced studies, Shimla. Dr. T. Anbalagan received Post doctoral research fellow award from UGC .

20. Seminars, Conferences, Workshops Organized.

Sl. No.	Name of the Event	Sponsors / Collaboration	Amount In Rs.	Year
1	Seminar on Indian Economics	Management	2500	2012
2	Seminar on National Budget	Management	2500	2013
3	Seminar on Plantation Economics	Management	2500	2014

21. Student Profile

Name of the Course	Year	Application Received	Selected		Pass Percentage	
			Male	Female	Male	Female
B.A. Economics	2010-2011	22	09	13	70	74
	2011-2012	18	04	14	65	82
	2012-2013	26	17	09	66	84
	2013-2014	37	23	14	75	94

22. Diversity of Students (2010-2014)

Name of the Course	% of Students From the college	% of Students From the STATE	% of Students From the other States	% of Students From other countries
B.A. Economics	-	100	Nil	Nil

23. Number of Students cleared Civil Services, NET, SLET, GATE, etc. :   02

24. Progression

Student Progression	% Against Enrolled
UG to PG	20
PG to M. Phil.	Nil
M. Phil. to Ph.D.	Nil
Ph. D to Post –Doctoral	Nil
Employed	
Campus Selection	05
Other than Campus Selection	20
Entrepreneurs/ Self - employment	20

25.	Diversity of Staff	Same parent university: 80% Other university within the state: 20% Other Universities from other States - Nil
26.	Number of Faculty who were awarded Ph.D. during the assessment period	One Dr. C. Soundarapandian Madurai Kamaraj University, August, 2013
27.	Infrastructural Facilities	Department Books in General Library : 600 Magazines : 04 Internet facilities for staff Total number of class rooms : 04 Class rooms with ICT facility : Nil Students' Laboratories : Not applicable Research Laboratories : Not applicable
28.	Number of Students of the department getting financial assistance from the College and other units	• Students Aid Fund : 02 • Teachers Association Fund : 01 • Scholarship from TN Govt. : 55 • Scholarship from Spices Board : 15 • Others : 02
29.	Was any need assessment exercise undertaken before the development of new programmes?	Yes
30.	Does the department obtain feedback from?	
	Faculty on curriculum as well as teaching – learning – evaluation?	• Yes. Based on the feedback got from the faculty, revisions in the curriculum are made in the Board of Studies meeting.
	Students on staff, curriculum as well as teaching – learning – evaluation	• Yes, Feedback from students on staff members and curriculum is obtained periodically • Feedback on Teaching learning and evaluation system is obtained.
	Alumni and Employers	• Yes, Feedback collected from Alumni during the Alumni meeting on yearly basis. • Yes, Feedback collected from employers every year.
31.	List the distinguished alumni of the Department	• CA. R. Kumaresan Chartered Accountant, Bodinayakanur. • Dr. Angappapillai, Assistant Professor, Government arts, College, Musuri. • Dr. S. Karthikeyan, Assistant Professor, Madura College, Madurai. • M. Anbuchevi, Assistant Professor, C.P.A. College, Bodinayakanur. • D. Balasubramanian, Assistant Professor, Government College, Udumalpet.

32.	Give details of student enrichment programmes with external experts	• Special lectures are organized every year with subject external experts • "Mathematical Methods" Dr.Chitra, Assistant Professor of Economics Madurai Kamaraj University Madurai
33.	List the teaching methods adopted by the faculty	• Lectures • Student seminar • Group discussion • ICT enabled teaching
34.	How does the department ensure that programme objectives are constantly met and learning outcomes monitored?	• Assignment analysis • Periodical department meetings • Through class test (Unit Test) • Evaluation meeting at the end of every semester • Internal and External assessment exams
35.	Highlight the participation of students and faculty in extension activities	**Students:** Students who are members of the NSS Units attend special camps and other camps. **Faculty:** Train School Teachers in General Economics Statistical analysis. Tool testing for research work Resource person
36.	Give details of "beyond syllabus scholarly activities" of the department	• Encouraging and training students to present papers in conference/ seminars • Students' participation in the Inter – Collegiate Competitions organized by the other colleges
37.	State whether the programme/department is a accredited / graded by other agencies	NAAC Accredited – first cycle
38.	Economics Department Strengths	• All the faculties are Doctorates. • Engaged in various student welfare activities in our college • Experienced and committed faculty
	Weakness	• Less motivated rural students. • Lack of reading habits among students. • Poor communication skill among students.
	Opportunities	• To offer Post Graduate Programme • To establish collaborative consultancy • To focus on Research • To create potential entrepreneurs • Collaboration with industries

		• Getting quality students as input
	Challenges	• Demonstrating excellence.
		• Providing employment opportunities.
39.	Future Plans of the department	• Coaching centre for statistics
		• Accelerating research activities
		• Intensifying the extension activities
		• Scaling up of the teaching methods.
		• Computer Applications in Economics – Path breaking approach.

DEPARTMENT OF COMPUTER SCIENCE & IT (SF)

1.	Name of the department and its year of establishment	Computer Science& IT - 2000
2.	Programmes/Courses Offered	B.C.A. B. Sc .(IT) M.Sc. (CS&IT) M. Phil. (Computer Science) D.C.A. P.G.D.C.A.
3.	Interdisciplinary Course and Departments involved	Non-major elective subjects offered by other departments
4.	Annual/Semester/Choice Based Credit System	Semester with CBCS.
5.	Participation of the Department in the course offered by the other Departments	Commerce, Mathematics, Business Administration and English.

6. Number of Teaching posts sanctioned and filled

	Designation	Regular		Management	
		Sanctioned	Filled	Sanctioned	Filled
Aided	Associate Professor	-	-	-	-
	Assistant Professor	-	-	11	11

7. Faculty Profile

Name	Qualification	Designation	Specialization	No. of Years of Experience in this College
Mr. K. Mohankumara Mangalam	M.Sc., M.C.A. M.Phil., B.Ed.	Assistant Professor & Head	Business Statistics, Computer Graphics	8
Mr. S. P. Subramaniaraja	M.C.A.,	Assistant Professor	Operating System, Computer Networks	5
Mrs. A. Nadipriya	M.Sc, M.Phil.	Assistant Professor	Data Structure, OOAD, C, C++, VB	3
Ms. P. Pabitha	M.C.A.	Assistant Professor	Java, Visual Studio .NET, SQL	1

Ms. A. Sunanthadevi	M.C.A.	Assistant Professor	C, C++, DBMS, Visual Studio	1
Ms. P. S. Dheepika	M.C.A.	Assistant Professor	Java, DBMS, Networks	1
Ms. R. Sujitha	M.Sc.	Assistant Professor	Programming in C, C++ Data structure	1
Mr. A. Muthumaniraja	M. Sc, M. Phil.	Assistant Professor	Network, Data Structure	1
Ms. C. Kokila	M. Sc, M. Phil.	Assistant Professor	Graph theory, Discrete Mathematics	2
Ms.C.ChristinaDe Pearlin	M.C.A.	Assistant Professor	C,C++, Cryptography	1

8.	Percentage of Class taken by temporary faculty	Not applicable
9.	Programme wise Teacher-Student ratio (2013-14)	BCA : 1:12 B.Sc. (IT): 1:10 M.Sc (C.S & I.T): 1:10 M.Phil (Computer Science) 1:2
10.	Number of Academic support staff and administrative Staff: Sanctioned and filled	Management Sanctioned : 02 Filled : 02
11.	Number of Faculty with ongoing Projects	Nil.
12.	Department Projects funded by DST-FIST, DBT, ICSSR., etc.,	Nil.
13.	Research Centre facility	Nil.

14. Publications

International Journal	00
National Journal	00
State level Journal	00
Papers Published in Compiled/Edited Books	05
Articles in News Paper	00
International Conference Volume	02

15.	Details of Patents and Income Generated	Nil
16.	Areas of Consultancy and Income Generated	Project Consultancy-Rs.5000
17.	Faculty recharging Strategies	• Attending Conferences, Workshops and Conducting Seminars at the National/International level • Interacting with aided faculty • Acquiring additional qualifications • Attending Staff Development Programme organized by IQAC • Visiting software companies.
18.	Student projects	• 100% in-house projects. • UG programme has project as one of the requirements of the course. • In-house projects are mandatory for all enrichment programmes.
19.	Awards / recognition received at the National and International level	Nil

20. Seminars, Conferences, Workshops Organized.

Sl. No.	Name of the Event	Sponsors / Collaboration	Amount in Rs.	Year
1.	Seminar on Computer Applications	Management	3000	2012
2.	Seminar on Data Mining	Management	3500	2013
3.	Seminar on Cloud Computing	Management	4000	2014

21. Student Profile

Name of the Course	Year	Application Received	Selected Male	Selected Female	Pass Percentage Male	Pass Percentage Female
B.C.A.	2010-2011	26	16	10	85	100
	2011-2012	17	12	5	85	100
	2012-2013	41	19	22	65	60
	2013-2014	29	14	15	0	45
B.Sc. (IT)	2010-2011	-	-	-	-	-
	2011-2012	13	8	5	50	90
	2012-2013	15	8	7	0	35
	2013-2014	18	11	7	0	13
M.Sc.Comp.Sci&IT	2010-2011	9	2	7	50	100
	2011-2012	12	6	6	50	100
	2012-2013	9	2	7	100	100
	2013-2014	17	5	12	75	85
M. Phil.	2014-2015	25	7	9	-	-

22. Diversity of Students (2007-2014)

Name of the Course	% of Students from the College	% of Students from the State	% of Students from the other States	% of Students from other Countries
B.C.A.	-	80	20	-
B.Sc. (IT)	-	90	10	-
M.Sc.(CS& IT)	60	40	-	-

23. Number of Students cleared CivilServices, NET, SLET, GATE, etc., :   Nil

24. Progression

Student Progression	% Against Enrolled
UG to PG	40
PG to M.Phil.	10
M.Phil. to Ph.D.	Nil
Ph.D. to Post –Doctoral	Nil
Employed	
Campus Selection	30
Other than Campus Selection	10
Entrepreneurs/ Self - employment	40

25. Diversity of staff

Percentage of faculty who are graduates	
of the same parent University	60
from other Universities within the State	40
from other Universities from other States	Nil

26.	Number of Faculty who were awarded Ph.D. during the assessment period	Nil
27.	Infrastructural Facilities	Department books in general Library: 1500 Magazines : 04 Educational CD/ DVDs : 250 Internet Facilities for staff and students: BSNL Broadband facility available (unlimited download). Total number of class rooms : 07 Smart Class Room -: 01 Students' Laboratories :01
28.	Number of Students of the department getting financial assistance from the College and other units	• Students Aid Fund : - • Teachers Association Fund : - • Scholarship from TN Govt. : 12 • Scholarship from Spices Board : 50 • Others : 5

29.	Was any need assessment exercise undertaken before the development of new programmes?	Yes.
30.	Does the department obtain feedback from?	
	Faculty on curriculum as well as teaching – learning – evaluation?	Yes, At the end of each semester, feedback of the faculty.
	Students on staff, curriculum as well as teaching – learning – evaluation	Yes, on the basis of the feedback from the students, teachers will tune their teaching methodology.
	Alumni and Employers	Feedback collected from Alumni during the Alumni meeting on yearly basis. Feedback collected from employers every year
31.	List the distinguished alumni of the Department.	1. Harish Dhivakar Ariharasuthan Consultant Verizon Data Services India Pvt. Ltd. 2. Logesh kumar Senior Software Engineer Aptean, Bangalore. 3. K. Sekar Area Office Incharge at LIC Nomura MF AMC Ltd. 4. D. Soyadev Manager Banking, Atlanta, USA. 5. Arunkumar Assistant Professor Kalasalaingam University. 6. M. Ramkumar Senior System Analyst Chennai.
32.	Give details of student enrichment programmes with external experts	• Special lectures are organized every year with external subject experts • National level workshops and seminars are organized every year
33.	List the teaching methods adopted by the faculty	• Chalk and Talk Method. • ICT enabled teaching. • E-Learning Resources. • Doubt clearing sessions. • Group discussions. • Remedial Coaching. • Seminars on latest developments.
34.	How does the department ensure that programme objectives are constantly met and learning outcomes monitored?	• Analysis of University result is the principal yardstick. • Learning outcomes are also measured through the number of placements the students get in on and off campus interviews. • The learning outcomes are also measured through academic audit.

35.	Highlight the participation of students and faculty in extension activities	**Students' Participation:** • NSS program, Blood Donation Camps, Youth Red Cross • Sports activities. • University Youth festival • Cardo-Comp Cultural Competitions. **Faculty Participation:** • Acting as members of the House of Cardo-Comp. • Participating in Co-curricular, Extra curricular activities. • Acted as NSS PO.
36.	Give details of "beyond syllabus scholarly activities" of the department	• Encouraging and training students to present papers in conference/ seminars • Students' participation in the Inter – Collegiate Competitions organized by the other colleges
37.	State whether the programme/department is a accredited / graded by other agencies	NAAC Accredited First cycle
38.	Computer Science Department Strengths	• Dedicated staff • Good infrastructure
	Weakness	• No Ph.D. holders • Unable to avail Research grant.
	Opportunities	• Training on soft skills • Establishing Collaborative consultancy
	Challenges	• To improve the soft skills for rural students. • Developing real time projects individually by students.
39.	Future Plans of the department	• To educate the students with the upcoming Technologies. • To organize the periodical seminars/ conferences/workshops in the international level. • To establish Research centre.

DEPARTMENT OF BUSINESS ADMINISTRATION (SF)

1.	Name of the department and its year of establishment	**Business Administration** –2010
2.	Programmes/Courses Offered	B.B.A
3.	Interdisciplinary Course and Departments involved	Non Major Elective (NME) - All UG Departments(SF) except Business Administration
4.	Annual/Semester/Choice Based Credit System	Semester with CBCS
5.	Participation of the Department in the course offered by the other Departments.	Allied Subject: Business Mathematics -Dept. of Mathematics.

6. Number of Teaching posts sanctioned and filled

Aided	Designation	Regular		Management	
		Sanctioned	Filled	Sanctioned	Filled
	Associate Professor	-	-	-	-
	Assistant Professor	-	-	5	5

7. Faculty Profile

Name	Qualification	Designation	Specialization	No. of Years of Experience In this College
Mrs.S. Vijayalakshmi	M.Com, M.Phil.	Assistant Professor & Head	Women Entrepreneurism	3
Mrs. S.Gowsalya	MBA.	Assistant Professor	Human Resource Management	2
Ms. R. Janani	MBA.	Assistant Professor	HR / Marketing	2
Mr. K. Bharath Raja	MBA.	Assistant Professor	HRM / Marketing	1
Mrs. C. Soniya	MBA.	Assistant Professor	HR / Marketing Management	1

8.	Percentage of Class taken by temporary faculty	Nil
9.	Programme wise Teacher-Student ratio (2013-14)	1:9
10.	Number of Academic support staff and administrative Staff: Sanctioned and filled	Nil
11.	Number of Faculty with ongoing Projects	Nil
12.	Department Projects funded by DST-FIST, DBT, ICSSR., etc.,	Nil.
13.	Research Centre facility	Nil.

14. Publications

International Journal/National Journal	00
State level Journal	00
Text Books	00
Edited Books	00
Papers Published in Compiled/Edited Books	00
Articles in News Paper	00
International Conference Volume	01

15.	Details of Patents and Income Generated	Nil
16.	Areas of Consultancy and Income Generated	• Hosting Trade Shows - Rs. 5000 • Offering Entrepreneurial Consultancy- Rs. 4000
17.	Faculty recharging Strategies	• Participation in Conferences and Seminars • Staff development Programmes arranged by IQAC
18.	Student projects a) Percentage of students who have done in- house projects including inter departmental/ programme b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/ Industry other agencies	100% Nil
19.	Awards / recognition received at the National and International level	Nil

20. Seminars, Conferences, Workshops Organized.

Sl. No.	Name of the Event	Sponsors / Collaboration	Amount In Rs.	Year
1.	Inter Collegiate - KAIZEN	Management	30000	2013
2.	Seminar on Emerging trends in Human Resource Management	Management	2500	2013
3.	Seminar on Emerging trends in Strategic Management	Management	3500	2014
4.	Seminar on Emerging trends in Stress Management	Management	4000	2015
5.	Trade show GAMBIT	Management	7000	2015

21. Student Profile

Name of the Course	Year	Application Received	Selected		Pass Percentage	
			Male	Female	Male	Female
B.B.A	2010-2011	5	3	-	100	-
	2011-2012	21	15	6	100	100
	2012-2013	6	4	-	100	100
	2013-2014	27	20	7	100	100
	2014-2015	29	21	8	-	-

22. Diversity of Students (2007-2014)

Year	% of Students From the college	% of Students From the State	% of Students From the other States	% of Students From other countries
2010-2011	-	100	-	-
2011-2012	-	86	14	-
2012-2013	-	84	16	-
2013-2014	-	89	11	-
2014-2015	-	94	06	-

23. Number of Students cleared Civil Services, NET, SLET, GATE, etc.,:   Nil.

24. Progression

Student Progression	% Against Enrolled
UG to PG	Not applicable
PG to M.Phil.	Not applicable
M.Phil. to Ph.D.	Not applicable
Ph.D. to Post –Doctoral	Not applicable
Employed	
Campus Selection	30%
Other than Campus Selection	30%
Entrepreneurs/ Self - employment	40%

25.	Diversity of Staff	Same parent university:20% Other university within the state :80% Other Universities from other States - Nil
26.	Number of Faculty who were awarded Ph.D. during the assessment period	One Registered. Mrs. S. Vijayalakshmi Assistant Professor of Commerce
27.	Infrastructural Facilities	• Department Library : Yes • Internet Facilities for staff and students : Yes • Total number of class rooms : 03 • Class rooms with ICT facility :01 • (Using smart class room of Commerce Department)
28.	Number of Students of the department getting financial assistance from the College and other units	• Students Aid Fund : - • Teachers Association Fund : - • Scholarship from TN Govt. : 6 • Scholarship from Spices Board : 2 • Others : 3
29.	Was any need assessment exercise undertaken before the development of new programmes?	Yes
30.	Does the department obtain feedback from?	
	Faculty on curriculum as well as teaching – learning – evaluation?	Yes. Based on the feedback got from the faculty, revisions in the curriculum are made in the Board of Studies meeting.
	Students on staff, curriculum as well as teaching – learning – evaluation	• Yes, Feedback from students on staff members and curriculum is obtained periodically • Feedback on Teaching learning and evaluation system is obtained.
	Alumni and Employers	Yes, Feedback collected from Alumni during the Alumni meeting on yearly basis. Yes, Feedback collected from employers every year
31.	List the distinguished alumni of the Department	• A.Vinoth, Proprietor, Royal Men's Wear Readymade Garments, Theni • M. Muthukumar, Proprietor Car Agencies, Bodinaykanur
32.	Give details of student enrichment programmes with external experts	• Special lectures are organized every year with subject external experts • Seminar is organized • Inter- Collegiate Events are organized

33.	List the teaching methods adopted by the faculty	- Chalk and talk - Student seminar - Group discussion - ICT enabled teaching
34.	How does the department ensure that programme objectives are constantly met and learning outcomes monitored?	- Assignment analysis - Periodical department meetings - Through class test (Unit Test) - Evaluation meeting at the end of every semester - Internal and External assessment exams - Evaluation of Managerial skills programme is conducted every week
35.	Highlight the participation of students and faculty in extension activities	**Students:** - Students who are members of the NSS Units attend special camps and other camps. - Attend Intercollegiate Competitions. - Attend University & District level sports competitions. **Faculty:** - Faculty act as NSS program officer. - Participate Cardo-Comp as member of house
36.	Give details of "beyond syllabus scholarly activities" of the department	Encouraging Students to participate in Paper presentation, Workshops, Quizzes and Cultural Events.
37.	State whether the programme/department is a accredited / graded by other agencies	Not applicable
38.	Business Administration Department Strengths	- Dedicated faculty. - Regularly Conducting week-end Management Programmes, Business Quiz and Ad-Zap. - Conducting CARDO-PLAZA Trade Show every year. - Providing newspapers to improve the reading habits of students. - The students are participating in various management seminars/ workshops in other colleges and win prizes and awards.

		Weakness	• Rural background of the students • Inadequate opportunities for Industrial Training.
		Opportunities	• Establishment of consultancy services • Promotion of Entrepreneurial Atmosphere • Enhancement of Placement opportunities
		Challenges	• Establish collaborative consultancy. • To infuse the Entrepreneurial skill in the minds of the students.
39.	Future Plans of the department		• Upgrade the Department to PG level • To establish industry-institute incubator.

ENCLOSURES

58   **C.M.S. College of Science & Commerce**
      Chinnavedampatti, Distt., Coimbatore,   Under Section : 2(f)&12(B)
      Tamil Nadu   641 006
      Tamil Nadu   641 006

59   **C.S. Jain College of Education**

      Srimushnam, Cuddalore Distt.,, Tamil   Tamil Nadu Teachers Education   Under Section : 2(f)
      Nadu 608 703   University   File No.: 8-53/2013(CPP-I/C)
      Tamil Nadu 608 703

60   Cardamom Planter's Association
      College
      Bodinayakanur, Distt., Theni, Tamil   Under Section : 2(f)&12(B)
      Nadu 626
      Tamil Nadu 626

61   Cauvery College for Women
      Tiruchirapalli, Distt., Tiruchirapalli, Tamil   Under Section : 2(f)&12(B)
      Nadu
      Tamil Nadu

62   Centre for Research on New
      International Economic Order
      1 First Street Heddow Road, Chennai,   Under Section : 2(f)&12(B)
      Tamil Nadu   600 006
      Tamil Nadu   600 006

राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद
विश्वविद्यालय अनुदान आयोग का स्वायत्त संस्थान
NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL
An Autonomous Institution of the University Grants Commission

Certificate of Accreditation

The Executive Committee of the
National Assessment and Accreditation Council
on the recommendation of the duly appointed
Peer Team is pleased to declare the

Cardamom Planters Association College
Pankajam Nagar, Bodinayakanur
affiliated to Madurai Kamaraj University, Tamil Nadu as

Accredited

at the B^{++} level.

Date : October 17, 2006

Director

- This certification is valid for a period of *Five* years with effect from October 17, 2006
- An institutional score (%) in the range of 55-60 denotes C grade, 60-65-C' grade, 65-70-C'' grade, 70-75- B grade, 75-80- B' grade, 80-85-B'' grade, 85-90- A grade, 90-95-A' grade, 95-100-A'' grade (upper limits exclusive)

POST ACCREDITATION INITIATIVE

Cardamom Planters' Association College, Bodinayakanur, an institution established to bring the benefits of higher education to the youth of this backward region, underwent accreditation process in the year 2006 and was credited with "B++" Grade by NAAC.

Our College has taken very seriously the suggestions made by the peer committee of the first accreditation cycle and initiated the following measures.

- Remedial coaching in English is given the highest priority and the Department strives to improve the language skills of the students in a tireless manner.
- Our College has strengthened Career Guidance Cell coordinated by a competent teacher, housed in a spacious room, run on an annual budget. The Cell offers interactive programmes by inviting external experts and organizes many training programmes
- The Placement Cell has shown great progress in finding placements for more than 130 students. The management supports in every way the development of the cell.
- A full-fledged Centre for Entry in Services (CES) (earlier known as IAS Study circle) functions in the College with robust energy.
- A newly constructed Library wholly was built by the management at the cost of 75 Lakh over 6000 sq. ft. It has Open bar-coding access system, automated management, spacious reading room for students, Expensive State of the art reference books, Net-cafe facility and Reprography facility.
- The University results in all the departments have shown encouraging signs of improvement. The College result is better than the average result of University in all disciplines.
- As a result of the sustained efforts taken by the administration the enrolment in all the courses has registered an upward curve.
- Our College has strengthened Students' Communication skills by setting up the English Language Lab (ELL).
- To prepare the students to face global competitions and find placements need based self financed courses were introduced in consultation with the faculty and external experts.

Courses introduced in the last four years

S. No	Course / Programme	Course / Programme Options
1	UG Degree – 3 Courses	English, Information Technology, B.B.A.
2	PG Degree – 3 Courses	English, Chemistry, Industrial Chemistry,
3	M.Phil.- 4 Programmes	Mathematics, Chemistry, Computer Science, English.
4	Ph.D.-2 Programmes	Mathematics, Chemistry.
5.	Career Oriented Programmes (COP)	Certificate Course in Medical Lab Technology Certificate Course in Chemo Informatics Certificate Course in Industrial Chemistry Certificate Course in Environmental Chemical Analysis Certificate Course in Human Rights Education Certificate Course in LATEX Certificate Course in Small Scale Enterprises

- The institution strongly believes, after careful review, that B.B.A. course be introduced first and strengthened over the years before considering the feasibility of M.B.A. introduction.
- The institution accords highest preference to the appointment of ladies staff members and accordingly the strength of the lady staff members has gone up from three to seven members.

The institution continues its journey towards academic excellence in imparting wholesome education by responding to both academic and administrative challenges. In the post accreditation period positive measures were taken to retain the quality and enhance it. The institution takes sincere efforts to cater and fulfill the needs of the society by contributing in its own way to the enrichment of the student community. The institution takes all initiatives to increase the involvement of teachers in research. A senior faculty member is nominated as Coordinator for Research committee. A reasonable chunk of total expenditure is earmarked for research. The sustained efforts taken by the institution has started yielding fruitful results. In the last five years the institution has received more than one crore rupees as research grants from various funding agencies. During the last four years, our teachers have successfully guided 44 Ph.D. scholars in various disciplines and another 37 are in the pipeline. Regarding M. Phil. 154 scholars successfully completed their dissertation and got degrees under the guidance of our teachers. At present, major and minor research projects funded by UGC are undertaken in the campus. The institution has a record number of 251 research publications in National & International journals in the past four years.

The institution has developed good infrastructure with modern amenities and state of the art laboratories and equipment to facilitate effective teaching and learning. All the departments have access to ICT enabled smart classrooms. Out of 235 computer systems including one to each department, 50 are equipped with broadband internet connectivity. Uninterrupted power supply is ensured by of 40 KVA generators. The Central library of the college has a good collection of e-resources apart from 21717 volumes of books. The college has become a member of INFLIBNET N-List access to e-resources. A specialized Centre for Nano-Chemistry research is also functioning in the campus. Many facilities including ramps were extended in the campus for differently abled students to provide them a level playing ground.

With the financial aid from the UGC, our institution has organized Remedial coaching classes and free coaching classes for entry level competitive examinations for Government services to the underprivileged students. Equal Opportunity Centre is established in the college to enhance the employability of the under privileged students by training them in communication skills and personality development.

The institution is taking sincere efforts through Placement Cell, Soft Skill Development Cell, Career Guidance and Counselling Cell and Personality Development Cell in imparting rigorous training to the students with an ultimate motive to get employment for the students in reputed companies. The integrated efforts of all these cells result in an increased number of placements to the tune of 139 in the last four years through on and off campus interviews. Women Empowerment Cell has been established to address the issues of the girl students. The Cell also counsels the girl students on their rights and privileges. The Cell tries to instill confidence among the girl students. The institution has adopted a healthy practice of recognizing the meritorious achievements of the staff members through "Throne and Crown". In it, teachers who successfully guide research candidates, render

meritorious services in Extension work and publish research articles in peer reviewed journals with good impact factor are honoured with cash incentives and citations.

The vision of the institution that higher education should benefit the underprivileged so as to enable them to become worthy citizens in nation building is ensured and the institution continues to march towards the goal of excellence in the service of the nation.

DECLARATION BY THE HEAD OF THE INSTITUTION

CARDAMOM PLANTERS` ASSOCIATION COLLEGE
Post Box No. 29, Pankajam Nagar, BODINAYAKANUR – 625 513.
Accredited with B++ Grade by NAAC

Dr. M.RAJARAJAN, M.Sc.,M.Phil.,Ph.D.,P.G.D.C.A.
PRINCIPAL

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DECLARATION BY THE HEAD OF THE INSTITUTION

I certify that data included in this Self-Study Report (SSR) are true to the best of my knowledge. This SSR is prepared by this institution after internal discussions, and no part thereof has been outsourced. I am aware that the peer team will validate the information provided in this SSR during the peer team visit.

Head of the Institution

Seal:

Place: Bodinayakanur

Date: