



## Avinashilingam

Institute for Home Science and Higher Education for Women University  
(Estd. u/s 3 of UGC Act 1956)  
Coimbatore - 641 043, Tamil Nadu, India  
Deemed University under Category 'A' by MHRD  
Re-accredited with 'A' Grade by NAAC

### Consolidated Report of Academic and Administrative Audit held during the Academic Year 2018-19

#### Members of the Academic Audit Team:

Dr.Premavathy Vijayan-Vice Chancellor

Dr.S.Kowsalya - Registrar

Dr.U.Jerinabi -Dean, Business Administration

Dr.T.Geetha – Dean, Education

Dr.K.T.Geetha – Dean, Arts & Social Sciences

Dr.G.P.Jeyanthi - Research & Consultancy

Dr.K.Manimozhi – Controller of Examinations

Dr.Uma Mageshwari- Dean, Student Affairs

Dr.K.Sivakamasundari – Director, IQAC

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Mr.S.Lakshmanan – Finance Officer (i/c)

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#### The various aspects of inspection of all departments were:

- (i) Admission status
- (ii) Curriculum restructure
- (iii) Infrastructure
- (iv) Examination pattern and results
- (v) Other aspects
- (vi) Recommendations by the audit members

## Consolidated Report of Academic and Administrative Audit- 2018-19

### CURRICULUM

S. No	Department/centre	Comments	Suggestions
1	Resource Management	Institute Framework followed Checked, each faculty members are given individual subjects. HoD used to check with the concerned teachers about the completion of their syllabus before each CIA and each CE	H.O.D to obtain feedback from Representatives and document the same
2	Food Service Management and Dietetics	As per Institution norms Individual paper handling For practical papers – sharing at UG level	It is suggested that the HOD can hold a meeting with class representatives to check syllabus coverage and document it
3	Food Science and Nutrition	As per Institute model	Maintain document for validation and for staff on leave
4	Textiles and Clothing	As per institution guidelines	-
5	Human Development	Institute Curriculum Framework, Based on student's level of involvement	Maintain record for syllabus validation
6	Extension Education	As per University Norm	HOD can get feedback from students before CIA I & II and staff on leave
7	Visual Communication	Verified According to the norms	-
8	Biochemistry	The syllabi are on par with those of UGC and other universities	Credits and number of hours may be increased for UG ED project work Extra credits for additional MOOC courses, value added and co-curricular courses can be given.
9	Chemistry	Model I of Conceptual framework for undergraduate programs is adopted – with Language and English for 4 Semesters. Model I of Conceptual framework is adopted - Two-year programmes with separate practical papers	Conceptual framework can be framed as per latest UGC Syllabi
10	Zoology	Model 1 is followed PG- Two-year Programme with practical is followed.	Papers taught by teachers may be changed once in three years

11	Botany	Model 1 is followed	-
12	Physics	Syllabus is Strong in core subjects to meet the standards of LOCF Hons	Well distributed, support of a second staff for practical if the class strength exceeds 20 was requested
13	Mathematics	As per University Norm	Conceptual framework is suggested to meet the new UGC norms of curriculum Specialisations to be introduced at PG level Participation of industry experts from its sector can be encouraged
14	Computer Science	Curriculum Framework Model II is followed. Scheme and Syllabus framed accordingly The lesson plans were prepared in accordance with the academic calendar of the university	Model curriculum of UGC for all courses and Model curriculum of AICTE for MCA and B. Voc to be followed from time to time Mapping of Outcomes to lesson plan and question bank can be undertaken
15	Psychology	According to the norms Curriculum is framed	-
16	Economics	It was according to the UGC norms	-
17	English	According to the norms model was framed	-
18	Tamil	As per the Higher authorities given Instruction, UG & PG Syllabus framed	-
19	Hindi	Verified According to norms	-
20	French	Verified, according to the norms. Curriculum model framed	-
21	Music	Verified. According to the norms	-
22	Business Administration	Verified. Framed the Syllabus according to the norms as per UGC/AICTE/ Institute.	-
23	Commerce	As per UGC norms	-
24	Tourism Management	Verified -As per the norms curriculum and Syllabus is framed	-
25	Education	As per NCTE norms subject experts' views were incorporated	-
26	Special Education	Model 4 As per RCI syllabus	Credit should be allotted based on intensity of the paper, Inbuilt practical
27	Physical Education	1 with NCTE and UGC	Suggested to allot credits based on the content and intensity of course

28	Information Technology	Good coverage	Include ERP in syllabus Quantitative Analysis should be included in the mathematics paper
29	Physician Assistant	Model-V Framed at par with MOHFW, comparing other medical Universities and by BOS members suggestions	Syllabus covered by staff members must be recorded twice in a month.
30	Biomedical Instrumentation Engineering	As per AICTE norms	-
31	Computer Science and Engineering	As per AICTE Norms	-
32	Civil Engineering	As per AICTE Norms	-
33	Electronics and Communication Engineering	AICTE Model Curriculum Based on the faculty specialisation, subjects are allocated	-
34	Food Processing and Preservation Technology	As per AICTE norms Based on specialization and preference - subject allotted to faculty members based on expertise as per scheme	-
35	Printing Technology	Fitted in AICTE Model and Institute Framework	-
36	Science and Humanities	AICTE norms verified	-
37	B.Voc - Food Processing and Engineering	As per UGC guidelines Based on specialization and preference expertise included	
38	B Voc- Medical Equipment Technology	As per UGC guidelines Credit allotted as per UGC scheme	-

## CURRICULUM TRANSACTION

S. No	Department/Centre	COMMENTS	SUGGESTIONS
1	Resource Management	Adequate PPT/You Tube, Blended Learning, Visualizer, Models, Mobile learning, ICT Enabled Teaching, UG, PG Internship	Periodic Evaluation suggested
2	Food Service Management and Dietetics	Adopted various teaching methods Teaching aids used Overhead projector Smart board, Visualizer, Software's, Computers – desktops, Laptops, Need based on meetings	Online parent meeting can be arranged
3	Food Science and Nutrition	A variety of teaching aids are used	Assessment / review for mini project and major project periodically with ruberics
4	Textiles and Clothing	Varieties of teaching methods adopted Motivate the students to start small start-ups Special lectures by successful alumini	Parent's meeting can be held once a semester on online mode Faculty should analyse the feedback and document the action taken
5	Human Development	As per workload & subject allotted, Time table has been framed	Periodic review of the project to be documented & follow-up to be done
6	Extension Education	Encouraged field visit, Participation in seminar/conference, Placement identified and encouraged start-ups	Periodic evaluation and documentation
7	Visual Communication	Designing and Editing Software, Related models for Visual Arts, Students support for the following functions: Video Coverage & Editing – Kalai vizha and Institution functions	Very Good
8	Biochemistry	Models, seminar on latest topics, problems, journal discussion and case studies are given as assignment/seminar topics.	Complete history of the students should be in one folder. Duration of the internship can be increased in order to enhance the employability skill of the students -For UG internship – 30 to 60 days duration may be given, -For PG internship – 2 to 3 months duration may be given
9	Chemistry	Time table framed based on curricular structure, Various teaching methods and teaching aids used	Project's outcomes can be linked to the industries for application-oriented outcomes Unique assignments and PowerPoint presentations may be saved as a digital repository for the department. Funded project or small assignments can be initiated
10	Zoology	Teaching through models, slides, virtual lab kits, visualize, charts. UG and PG projects are at the level of publications, 14 papers were published	See to that the content of the project innovative, Geo-tagged evidences and minutes should be recorded

		in the period of 2018-2020	
11	Botany	Various teaching methods adopted with various teaching aids	Smart Board may be provided & each staff members to be given training Frequent parents meeting may be conducted to inform the progress of ward
12	Physics	Various teaching methods adopted with various teaching aids Internships carried out in ISRO and National Laboratories by PG Students	National and international level research project funding by ISRO and such laboratories should be encouraged and continued. Industrial projects can be tried.
13	Mathematics	The present teaching methods, the internal assessment procedure followed I n the department and the measures taken towards the feedback of the students are appreciated.	Industry based inter disciplinary projects should be initiated Mathematical model may be developed based on applications
14	Computer Science	Adopted new paradigm of teaching and learning- Flipped classroom, GSuite products like Google classroom, LMS Moodle, Assessment tools like Kahoot & Quizzes. SWAYAM-MOOCs Few students have earned online certification through NPTEL, SWAYAM & MOOC and that has been considered for assessment Counselling and monitoring of students for progress is carried out.	Live assignments to develop patches for applications incorporated with each paper Records can be maintained online and updated – LMS can be initiated
15	Psychology	Mime, Video on Psychological Issues, Role Play, Counselling, Case Study, Quiz and Group Discussion, Case Discussion, Mock Counselling Sessions	V. Good
16	Economics	As per the work load, the Time table was framed. Necessary teaching methods were adopted & teaching aids were used wherever necessary	-
17	English	Carried out Enacting of plays Skype class, Screened movies based on literary works, Representation of literature through models, Creative assignments uploaded in You tube - 2	Whenever necessary evaluation is done
18	Tamil	According to the designation workload was allotted, Folklore – songs like Villupattu, used for the students as a Teaching method, Parent's meeting was conducted regularly for the UG & PG.	PG Sanction Strength has to be increased
19	Hindi	verified	-
20	French	E-modules & apps are additional advantages to the department.	-
21	Music	Tape recorder, Veena, Violin Electronic sritu box, CDs, Youtube	Students number has to be increased

		used for teaching, Uniqueness- Vocal and Instruments	
22	Business Administration	Various teaching aids adopted Mini project, Internship and thesis are based on industry needs. Many awards received by members	Excellent, Very updated, Using Digital Teaching Tools properly
23	Commerce	Verified	-
24	Tourism Management	Experiential Learning based on Heritage and Biodiversity, Students involved in all events and activities	-
25	Education	Individual workload is more than the UGC/NCTE norms, well practiced, incorporating all kinds of strategies including technology, Aids are well prepared, maintained and used	Complete history of both the personal & individual student profile may be maintained
26	Special Education	Simulation method, Role play, Field Visit Live Demonstration, Hands on experience are the some of the unique teaching methods. Group & Individual projects are given for Innovative and Indigenous material preparation.	Standardization can be done Can go for publication & Patents
27	Physical Education	Student centered methods-experiential learning, participative learning and problem-solving methodologies are used for enhancing learning experiences, Visited Laboratories, Satisfied	ICT enabled teaching method should be adapted. Usage of smart board must be known
28	Information Technology	Moodle, LMS Quiz, simulations Mooc NPTEL spoken tutorial E-PG pathasala, virtual labs videos. Blended /Flip patterns are followed	Projects from competitions by industrial giants like IBM, Google, Amazon, etc. can be motivated and applied for. Internships and projects with software design and development firms to be started through MOU. In PG (Even Semester) mini projects should be done individually.
29	Physician Assistant	Clinical presentation, case study, chalk and board method, exhibition, lecture, demonstration, simulation, participatory learning, models and charts.	More ICT enabled teaching methods may be adopted
30	Biomedical Instrumentation Engineering	As per UGC norms, Working models, Online Apps, Black board, LCD, Video, YouTube, Anatomy models	Parent's meeting can be organised once in a semester
31	Computer Science and Engineering	NPTEL, PPT, Google classroom, Bodhi Tree Platform with IIT Bombay, e-book, Advanced Learners are motivated to take up NPTEL Courses	Organise parents meet one per semester
32	Civil Engineering	Checked and as per the Curriculum, Video- you tube – practical models used	Conduct parents meeting either online or offline mode per semester

33	Electronics and Communication Engineering	Framed as per the workload, PPTs/ Videos, Referring the NPTEL contents Kahoot, flipped class and Quizzes are conducted. Records verified	More parent's meetings to be arranged. At least one per semester. It can be done on online mode also.
34	Food Processing and Preservation Technology	Black Boards & Study material in form of PPT, videos, animations are collected from all staff members and saved in CD, Hard disc, E- PG Pataskala 52 modules prepared by staff members are used as e resources. Teaching methods and aids checked	-
35	Printing Technology	Live Demonstration – Packaging course, Real Product for developing, ICT tool, technical Articles in print magazines, samples from industry, Group project -3 in a batch / Innovative project with industry collaboration	-
36	Science and Humanities	Simulation Experiments, PPT, Google Classroom, Smart board, And Utilizing Language lab for English Teaching & Interview Skills	-
37	B.Voc - Food Processing and Engineering	Students developed novel food products, value added products, food waste utilization Participated in food mela Mentoring session is conducted	-
38	B Voc- Medical Equipment Technology	As per scheme, black boards, working models, online apps for teaching	-



## FACULTY PROFILE

S. No	Department/Centre	COMMENTS	SUGGESTIONS
1	Resource Management	Workload as per UGC norms Faculty members attended Seminars / Conferences/ Symposia / Workshops Published papers in journals	Explore opportunities to get more projects both national and international
2	Food Service Management and Dietetics	DST Project and project funded by private agency-New recruit of staff -Resource persons for outside functions Completed e-lessons 2018-19 - 4, 2019-20 - 5 projects completed Conferences attended in 2018-19 - 30, 2019-20 - 27	Explore avenues for funded research project. Apply for funds from the Institute
3	Food Science and Nutrition	International/National workshop seminars conducted, 38 papers published in national/international journals	Enhance publication in CARE / WOS / Scopus journals. Explore and initiate for content writing
4	Textiles and Clothing	Work load as per UGC norms Programmes organised	Improve the Scopus and Web of Science Publication. Take steps to apply for MOOC course preparation
5	Human Development	Well Maintained, Content writers in MOOC, PG pathashalla PPT uploading in LMS	More collaborations with Universities / Research Institutes
6	Extension Education	Work load As per UGC norms	Explore the revenues for funded research projects. Improve the Scopus and Web of Science Publication
7	Visual Communication	According to the norms it is carried out	apply for a greater number of projects from various funding agencies prepare a greater number of E- Learning
8	Biochemistry	52 seminars / Conferences/ Symposia / Workshops attended	Publications in UGC-CARE list journals can be enhanced
9	Chemistry	Overloaded in labs, 20 Journal Papers published	Faculty, Support staff required 1: 15 staff to student ratio to be adopted in all practical sessions Lab assistants required – 2 Staff to be permitted to take up research fellowships and PDFs in rotation. Aim for high index journals
10	Zoology	As per norms, sizable number of Seminars / Conferences/ Symposia / Workshops attended	All the faculty should prepare proposals and apply for external funding agencies, Teachers can attend training programme
11	Botany	As per the Institution norms, sizable number of Seminars / Conferences/ Symposia / Workshops attended	Staff members can be motivated to send project proposal at least 5 proposals every year, Preparation of e-content & MOOC to be motivated. MOOC Course to be created

12	Physics	Verified	The regular teaching positions to be filled One more assistant professor is needed for M.Sc. Physics Participated in international presentations leading to WOS or Scopus publications should be initiated
13	Mathematics	Verified	faculty can be encouraged for research and publication Guide ship for available faculty can be increased and guide ship can be given for faculty from the self-financing program
14	Computer Science	Sanctioned projects DST-SERB, NPOL-DRDO DST-Women Scientist Scheme Good number of programs organized	Can collaborate with industries for funding
15	Psychology	Verified, Seminars / Conferences/ Symposia / Workshops attended	Apply for more Project Proposals to Funding Agencies
16	Economics	Verified, Workload has been distributed according to the norms. Attempt was made on current economic issues	Staff members are advised to publish one book every year
17	English	Verified, Sufficient 45 papers, 3 books, 2 conference proceedings published	Increase the number of papers publication and publish in web of science and Scopus. Participate in a greater number of conferences in order to receive awards
18	Tamil	According to the designation workload was allotted. Coaching is given for the Slow Learners	Apply more projects from UGC and other Funding Agencies Collaborate with other Institutions to Conduct a greater number of programmes
19	Hindi	Verified – A/c to the norms the workload is fixed. Attended 2 Seminars / Conferences/ Symposia / Workshops attended 7 papers published	Attend a greater number of Seminars/Conferences/Symposium/ Workshops, Apply for MOOC E-learning to UGC
20	French	Workload Verified, according to the norms it is sufficient, 5 programs organized,	Very good
21	Music	Workload verified; 3 Seminars / Conferences/ Symposia / Workshops attended	Seminars / Conferences/ Symposia / Workshops attended numbers has to be increased
22	Business Administration	Workload Sufficient according to the designation. 3 projects completed 9 Seminars / Conferences/ Symposia / Workshops attended, 6 FDP / RC / OC / Training Program attended 17 Papers / Articles / Books published	Very good

23	Commerce	Work load sufficient 2 Projects completed 34 Seminars / Conferences/ Symposia / Workshops attended 21 FDP / RC / OC / Training Program attended, 45 Papers / Articles / Books published	Excellent
24	Tourism Management	Work Load of staff verified, 1 Projects completed, 15 Seminars / Conferences/ Symposia / Workshops attended, 4 FDP / RC / OC / Training Program attended	Apply for more projects
25	Education	Workload should be according to the UGC norms. 3 Projects completed, 34 Seminars / Conferences/ Symposia / Workshops attended, 3 FDP / RC / OC / Training Program attended	All Staff should be motivated to develop E- learning materials All Staff should apply for getting funds from Govt./Non-Govt agents
26	Special Education	Workload as per Institute norms 1 Projects completed, 14 Seminars / Conferences/ Symposia / Workshops attended, 5 Papers / Articles / Books published	May attend Training programmes
27	Physical Education	Workload should be according to the UGC/NCTE norms. 29 Seminars / Conferences/ Symposia / Workshops attended, 27 FDP / RC / OC / Training Program attended	Additional Faculty required More funding agencies can be identified, and more Interdisciplinary projects can be initiated.
28	Information Technology	2 Projects completed 6 FDP / RC / OC / Training Program attended	SF may be permitted to apply for projects in collaboration with related aided department. collaborate with the other Departments like Mathematics, Computer Science, Physics and Engineering. Financial assistance for attending Seminars / Conferences/ Symposia / Workshops
29	Physician Assistant	Workload as per norms 3 Seminars / Conferences/ Symposia / Workshops attended, 1 Papers / Articles / Books published	Suggested to attend more seminars/conferences. Opportunities may be given for self financing staff
30	Biomedical Instrumentation Engineering	Workload As per norms Completed ICMR, AICTE MODROB, DST-CURIE AI projects 8 Papers / Articles / Books published	Staff to be encouraged to apply for funded project. Quality publications to be enhanced
31	Computer Science and Engineering	AICTE Norms, 13 Seminars / Conferences/ Symposia / Workshops attended 23 Papers / Articles / Books published 12 Programmes for students Collaborated with RV College of Engineering, Bangalore, CSI, ICTACT, Gateway Software Solutions	Faculty should explore opportunities and identify lacunae in Project Proposal. Increase the number of publications in Scopus, Web of Science, etc

32	Civil Engineering	Adequate workload, 1 CSIR project and 3 AI projects completed, 5 Papers / Articles / Books published	Explore further opportunities for such funded project. Increase the number of publications in Scopus index
33	Electronics and Communication Engineering	According to the specialization of the faculty, load is assigned AICTE norms are followed for the distribution, 14 FDP / RC / OC / Training Program attended 23 Papers / Articles / Books published	To improve quality of publication and include more in web of Science Faculty can initiate steps to apply for preparation of MOOC programme
34	Food Processing and Preservation Technology	Workload Distributed as per AICTE norms. 1 DFRL ongoing project 15 Seminars / Conferences/ Symposia / Workshops attended, 8 FDP / RC / OC / Training Program attended, 13 Papers / Articles / Books published	More financial assistance to be provided and Encourage participation in Institutions outside. Increase Publications in Scopus, Web of science etc.
35	Printing Technology	Workload more than the norms 10 Seminars / Conferences/ Symposia / Workshops attended, 5 Papers / Articles / Books published	Require additional Staff Publish More paper in Scopus, Web of Science
36	Science and Humanities	Workload as per AICTE norms 3 Seminars / Conferences/ Symposia / Workshops attended, 9 Papers / Articles / Books published	Apply for Research Projects Faculty should have more outside exposure, Publish more in Scopus and Web of Science
37	B.Voc - Food Processing and Engineering	As per UGC norms work load distributed. All staffs participated in Seminars / Conferences/ Symposia / Workshops	Publications can be enhanced
38	B Voc- Medical Equipment Technology	Work load as per UGC norms, All staffs participated in Seminars / Conferences/ Symposia /	Explore the possibility for applying project

## PROFILE OF STUDENTS

S. No	Department/ Centre	COMMENTS	SUGGESTIONS
1	Resource Management	Record maintained and checked Examination results UG-80%, PG-90% 3 Students involved in sports	Improve the pass percentage Students be encouraged to involve in sports, academic and non-academic events
2	Food Service Management and Dietetics	Various scholarships awarded to students Awards in NSS, sports. Health camps, Nutrition education camps	-
3	Food Science and Nutrition	UG 77 to 96 %; PG 89 to 97 % UG – 5; NET - 4 <u>2019-2020</u> UG – 12, PG – 1, PhD Scholar – 6 NET – 9 + 1 (NET with JRF) Government Fellowship – 1	Improve the result for UG language papers
4	Textiles and Clothing	II & III UG – 85-95 % I UG – 79%, PG – 100% 18 Participation in national and regional competition and won prizes	Pass percentage in I UG should be improved.
5	Human Development	UG – 85%, PG – 100% Tours/Industrial Visits/ Exhibitions/Camps are part of curriculum	Pass percentage can be enhanced for UG students through remedial coaching
6	Extension Education	Adequately documented 3 % students participate in sports	Motivate for more participation
7	Visual Communication	Distributed according to the norms 2 Study Tours/Industrial Visits/ Exhibitions/Camps	Results has to improved next academic year
8	Biochemistry	Good maintenance of records	-
9	Chemistry	All students secured above 75% attendance No condonation for all four semesters 13 students participate in sports 42 Students Achievements 4 Study Tours/Industrial Visits/ Exhibitions/Camps	Good
10	Zoology	Sufficient numbers of visits were planned related to subject respectively	-
11	Botany	23 students participate in sports 1 Study Tours/Industrial Visits/ Exhibitions/Camps	Good
12	Physics	Achievement Inter-zonal and university level laurels by 2 students ISRO Bangalore Astrophysics centre- Kodaikanal For Environmental Science Visit to Salim Ali Centre Astronomy Club Exhibition	Good, continue such exposures, some industries with applied physics and instrumentation can be explored
13	Mathematics	Verified 3 Study Tours/Industrial Visits/ Exhibitions/Camps	Good and documentation well maintained

14	Computer Science	Examination results UG 84, PG 93 Participation in various sports events at University, State and National Level	Community wise profile to be modified based on admissions
15	Psychology	Verified - According to the norms it is distributed students involved in sports 2 Tours/Industrial Visits/ Exhibitions/Camps	Motivate the students to participate in Sports
16	Economics	Verified 7 students' achievement Study Tours/Industrial Visits/Exhibitions/Campus	Motivate students to bring more laurels
17	English	Verified Distribution done according to the norms 8 Students involvement in Sports 30 Students Achievement	Motivate a greater number of students to participate
18	Tamil	Verified according to norms Pass percentage of UG & PG are Very Good	-
19	Hindi	100% Excellent Results 4 Students Achievement	-
20	French	Verified, According to the norms 1 Students Achievement	-
21	Music	very low percentage in examination 2 Students Achievement	
22	Business Administration	Verified According to the norms it is distributed 9 Students Achievement	Good
23	Commerce	Followed A/C to the norms 23 Students involvement in Sports 110 Students Achievement 3 Study Tours/Industrial Visits/ Exhibitions/Camps	V. Good
24	Tourism Management	Verified Distribution according to the Norms 5 Students involvement in Sports 3 Students Achievement 6 Study Tours/Industrial Visits/ Exhibitions/Camps	Good
25	Education	100% of Result Good 10 Students involvement in Sports 20 Students Achievement	Teachers should encourage the students to participate in sports
26	Special Education	13 Students involvement in Sports 5 Students Achievement 1 Study Tours/Industrial Visits/ Exhibitions/Camps	-
27	Physical Education	Good pass percentage 35 Students involvement in Sports 43 Students Achievement	Advised to plan: Sports Research Centres Visits

28	Information Technology	Maintained good 4 Study Tours/Industrial Visits/ Exhibitions/Camps	To be converted based on OBC quota in admission
29	Physician Assistant	Satisfactory Supporting the sports people during events by giving first aid during emergency situation supporting the institution also	-
30	Biomedical Instrumentation Engineering	As per quota Community/Religion wise distribution of students 10% Students involvement in Sports Students have gone for Industrial visits and exhibition	-
31	Computer Science and Engineering	Adequate 80- 100% results Exhibition:1 Students displayed Smart bin projects with mentor	Motivate students to participate in outside programmes
32	Civil Engineering	91% results 5 Students Achievement Study Tours/Industrial Visits/ Exhibitions/Camps: Gujarat Industrial Visit CSIR SERC, Chennai Cochin – International Airport CODISIA – Trade Fare Build Expo	
33	Electronics and Communication Engineering	Examination Result is 68% 18% of the students involved in sports activities 5 Industrial Visits	Identify the problems for the poor performance and take appropriate steps.
34	Food Processing and Preservation Technology	As per the Quota. Student achievement Smart India Hackathon, IIT Kharagpur-1 <sup>st</sup> (Rs.1 lakh) and 2 <sup>nd</sup> prize (Rs .75000) National Environmental Day- Amul Dairy- 1 <sup>st</sup> prize (Rs.5000 Rs) Guinness record – Seed ball making (Certificate provided)	-
35	Printing Technology	Adequate Representation 95% -- 100% results NSDC World Skills, State-level First in achievement	-
36	Science and Humanities	Adequate; Good 90% overall, 14 Students Achievement Industrial Visit-02	Motivate students to participate in outside activities
37	B.Voc - Food Processing and Engineering	Representation as per quota, Good examination results	-
38	B Voc- Medical Equipment Technology	Examination results: UG-76% PG-100%	Steps should be taken to improve the pass percentage

## INFRASTRUCTURE AND OTHER DETAILS

S. No	Department/Centre	COMMENTS	SUGGESTIONS
1	Resource Management	Four class rooms are available and two laboratories, There are 4 Computer sufficient at present for faculty use Student - Staff Ratio - 1:17 Sanctioned strength UG – 50+5, PG 15+5 70-75% of e-modules prepared covered the syllabus	Require 2 more classrooms 1 lab for drafting Identify and prepare e-modules to cover syllabus
2	Food Service Management and Dietetics	Available 6 Classrooms and 1 staff room %portion covered – 80 No. of Modules prepared – 250 16 Faculty members Required / Available	Require 2 more classrooms Four staffs are required One office assistant required
3	Food Science and Nutrition	Adequate infrastructure and Laboratory available Student - Staff Ratio - 24:1 30-40% of portion covered and 309 Modules prepared	Computer facility for Students may be increased Preparation of e-Modules can be explored and initiated
4	Textiles and Clothing	9 labs required and 6 available 1:1 computer for permanent Staff members Student - Staff Ratio - 17:1 Sanctioned strength UG – 55, PG – 25, TFA – 15 9 Faculty members Required / Available	Required three additional labs, Additional four computers are required for students and Research scholars
5	Human Development	4 classrooms and adequate laboratories 2 Copiers/Printers/Scanners available Student - Staff Ratio - 1:19 15-20% of portion covered and 41% of Modules prepared	Need one more room for UG Modules prepared percentage can be increased
6	Extension Education	9 classrooms required and 6 available 5 Desktop and 9 Laptop available for teachers	Require each 2 Desktops for Students and research scholars
7	Visual Communication	Very sufficient classrooms 31 Desktop and 18 iMac for students	Apply for MOOCs and e-Modules
8	Biochemistry	Sanctioned strength UG – 60 PG BC – 20, PG BT – 20, PG BI – 25 7 temporary faculty 2 permanent non-teaching staff Student - Staff Ratio - 13	Horizontal expansion of the department at the UG level may be permitted in campus II
9	Chemistry	11 computers available for teachers 1 Faculty member Required and 10 Faculty members Available	Research Lab needs upgradation, Computer lab needs to be repaired and systems need upgradation



10	Zoology	4 Classrooms and 1 staff room available 3 Copiers are available Student - Staff Ratio – UG 25:1, PG- 25:1	Sufficient space may be provided for staffs.
11	Botany	5 Classroom and 1 staff room available 2 Copiers/Printers/Scanners available Student - Staff Ratio – 23:1 2 Faculty members Required and 4 Faculty members Available	PG class room not sufficient for accommodating the student strength
12	Physics	2 laboratories are available Student - Staff Ratio – 22:1	1 PG Laboratory required Computational laboratory required
13	Mathematics	7/6 class rooms Required /Available 2/2 Staff rooms Required /Available Student - Staff Ratio – 20:1 Sanctioned strength UG – 44,PG – 23 10% of portion covered and 4 Modules prepared	Student teacher ratio can be 15:1 and teaching post be sufficiently filled
14	Computer Science	5 laboratories available 15 desktops and 6 laptops for teachers, 187 desktops for students and 22 desktops for research scholars available, Sanctioned strength B.Sc. – 50,BCA – 50,M.Sc. – 20 MCA – 30,B. Voc – 50 13 Faculty members Required / Available	AI lab can be state of art type
15	Psychology	Sufficient classrooms and staff rooms available 1 Copiers and 2 Printers/Scanners available Student staff ratio – 24:1 Sanctioned strength UG – 50+5, PG – 20+5	Apply for more MOOC Courses.
16	Economics	Sufficient laboratories available 10 computers available for teachers Student staff ratio – 17 Sanctioned strength, UG –50,PG – 20	-
17	English	5 printers available Student staff ratio – 1:113 Sanctioned strength UG – 50, PG -20	one class room is needed
18	Tamil	Sufficient Staff rooms and Classrooms available,3 Copiers/Printers/Scanners available, Sanctioned strength UG – 50, PG – 20	-
19	Hindi	3 desktop and 1 laptop for teachers Sanctioned strength UG - 20	Insufficient classrooms for UG

		PG – 20 2 faculty members required and 3 faculty members available	
20	French	2 copier/printers available Sanctioned strength PG – 20	-
21	Music	Sufficient classrooms and staff rooms available Student - Staff Ratio – 1:6	Two staff required
22	Business Administration	11 desktops and 5 laptops available for teachers, 68 desktops available for students and 10 desktops available for research scholar Student staff ratio – 11:1	1 Class Room and 2 Staff Rooms are required Require 1 non-teaching staff
23	Commerce	1 Copier and 5 Printer available Student - Staff Ratio - 1:30	Need one Classroom
24	Tourism Management	Very sufficient classrooms and staff rooms available Desktops - 6 and Laptops – 11 available for teachers and Desktops – 10 for students Student staff ratio – 1:20 Sanctioned strength UG - 120 PG – 60 7 Temp. Faculty and Nonteaching Staff available	Additional staff is required
25	Education	8 classrooms and 1 staff room available 10 laboratories available 10 desktops for teachers, 55 computers for students and 5 computers for research scholars 2 Copiers/Printers/Scanners available Student staff ratio – 1:14 Sanctioned strength B. Ed-100, M.Ed-100 7 permanent and 7 temporary faculty members available	Sanctioned Vacant Post may be filled NCTE approval letter to be provided
26	Special Education	4 classrooms and 1 staff room available, 1 classroom required Copiers -1, Printers-4 and Scanners-2 available Student staff ratio – 1:20 Sanctioned strength – 30 E content prepared	Classroom for PG is required Can increase the percentage of e modules
27	Physical Education	5 classrooms and 1 staff room available, 1 classroom and staff room required, Inadequate space in staff room, Student staff ratio – 1:25 Sanctioned strength, B.Sc. – 30, B. PE – 50, 30% of portion covered and 30 Modules prepared	Staff Room may be Provided More no of e -modules to be Prepared

28	Information Technology	2 classrooms available and 4 laboratories required 7 Faculty members Required / Available, 7 Temp. Faculty and Nonteaching Staff	3 classrooms required As per UGC Lab Sufficient 1 or 2 staff required to meet the workload of Lab.
29	Physician Assistant	3 classrooms, 1 laboratory and 1 staff room available Student staff ratio – 33:1 Sanctioned strength UG - 45	-
30	Biomedical Instrumentation Engineering	Very much adequate classrooms and staff rooms Copiers/Printers/Scanners available Student staff ratio – 1:20 as per norms Sanctioned strength, UG – 60,PG – 18	PG strength low and need to be improved
31	Computer Science and Engineering	Adequate classrooms and staff rooms Adequate Copiers/Printers/Scanners available, Student staff ratio – 13: 1 9 faculty members available 80% e-modules (44 modules)	Create awareness about the uniqueness of the department to attract students
32	Civil Engineering	Adequate classrooms, staff rooms and laboratories available Adequate Copiers/Printers/Scanners available, Student staff ratio – 7:1	Improve student strength
33	Electronics and Communication Engineering	3 classrooms, 6 laboratories and 2 staff rooms are available Student staff ratio – 12:1 Adequate faculty members available 10% of portion covered and 6 Modules prepared	Improve student strength Create participation for preparing e modules
34	Food Processing and Preservation Technology	Adequate classrooms, staff rooms and laboratories available Student staff ratio – 1:17	-
35	Printing Technology	Adequate classrooms, staff rooms and laboratories available Adequate Copiers/Printers/Scanners available Student staff ratio – 11:1	Improve student strength
36	Science and Humanities	Adequate classrooms, staff rooms and laboratories available 10 Faculty members Available The remaining staff requirement is satisfied by staff from other departments who handle service subjects	-
37	B.Voc - Food Processing and Engineering	3 computers for teachers, 4 for students, 2 Copiers/Printers/Scanners available 40% portions covered and 100% modules completed	-
38	B Voc- Medical Equipment Technology	Very much adequate classrooms and laboratories	-

## ACTIVITIES OF THE DEPARTMENT

S. No	Department/Centre	COMMENTS	SUGGESTIONS
1	Resource Management	1 MoUs signed Collaboration with CADD Centre, Dream Zone, Kiba Kitchen Design, TNAU, Urban Space Architect, Ve-SAT, Ideal Stores 6 Association Meetings/ Guest Lectures/ Conferences / Seminars / Workshops conducted	Explore the possibilities of signing for more MoU's
2	Food Service Management and Dietetics	MOU with SKM industry -Consultancy to Private companies 18 Collaborations with hotels and 11 Collaborations with hospitals 1. Empowering students to become successful entrepreneurs. 2. Keeping consistent collaboration with Industries 15 Association Meetings/ Guest Lectures/ Conferences / Seminars / Workshops conducted	-
3	Food Science and Nutrition	27 Collaborations are here One consultancy with CTPR	Department can explore the avenues for more MoUs and consultancy UG placement can be strengthened
4	Textiles and Clothing	2 MoUs signed Collaboration with various industries 7 Association Meetings/ Guest Lectures/ Conferences / Seminars / Workshops conducted Placement UG- 10 ; PG- 14	Placement for UG students can be improved by motivating the students to take self-employment
5	Human Development	10 consultancies without financial commitments 13 Association Meetings/ Guest Lectures/ Conferences / Seminars / Workshops conducted Department initiates for placement – most of the PGs who are not for higher education got place through Department initiative.	Possibilities for the tie-ups with income generation & collaboration Enhance UG placements
6	Extension Education	Existing collaboration, Internship – Fieldwork – 22 Industries /Research centres and NGOs /Government department / Educational institutions = 30	Explore for more collaboration
7	Visual Communication	15 Association Meetings/ Guest Lectures/ Conferences / Seminars / Workshops conducted	Try to get consultancy and Collaboration
8	Biochemistry	-	Good sign for the improvement of department

9	Chemistry	Conjoint MoU with Biochemistry Department 4 Association Meetings/ Guest Lectures/ Conferences / Seminars / Workshops conducted 18 NSS, 5 CSS activities,	Industry interaction and scientific research institutions can be leveraged and enhanced
10	Zoology	12 Association Meetings/ Guest Lectures/ Conferences / Seminars / Workshops conducted 1 placed as school teacher	To improve the department, MoU, Consultancy and collaboration should be signed with premium institutions, industries and research centres
11	Botany	Free – Consultancy inside Institute done 10 Association Meetings/ Guest Lectures/ Conferences / Seminars / Workshops conducted	Income generating consultancy is needed Department may have e-newsletters, yearly once
12	Physics	7 Association Meetings/ Guest Lectures/ Conferences / Seminars / Workshops conducted NSS Activities carried out	Subject related activity can be promoted Recommended to carryout e-waste management Awareness programme
13	Mathematics	6 Association Meetings/ Guest Lectures/ Conferences / Seminars / Workshops conducted, NSS, CSS, 4 Placed	Should be initiated with industry and other institutions
14	Computer Science	4 MoUs signed Collaborative research done through MOU's NSS - 299 NCC - 8 CSS -47 4Interaction with industries / Research Centres / Educational Institutes, BCA – 71,PG - M.Sc. -7 MCA -1	Corporate tie –ups for campus training and recruitment should be initiated and the institute computer science department should be – selected for day1 campus. Pool campus placement by corporate should be initiated
15	Psychology	10 Association Meetings/ Guest Lectures/ Conferences / Seminars / Workshops conducted Received award from the Panchayat Office for NSS, 14 placed	Try to apply for MoUs, Try to apply for more Consultancy, Try to apply for more Collaborations
16	Economics	8 Association Meetings/ Guest Lectures/ Conferences / Seminars / Workshops conducted - DG NCC Medallion Award Interaction with two experts from Research Centre for Interaction 12 placed	Motivate the students to go for placement
17	English	MoUs signed with BULATS 2 Students of III yr to Delhi and Chennai -both represented in Republic Parade, 26 placed	Have MoU, consultancy and collaborations

18	Tamil	5 Association Meetings/ Guest Lectures/ Conferences / Seminars / Workshops conducted 3 placed as assistant professor	Interaction with other Institutes/Industries has to rapo to get placement
19	Hindi	Collaboration with Bharat Sanchar Nigam Ltd., Coimbatore. 3. Sugarcane Breeding Institute, Coimbatore. 3. Bank of Baroda, Regional Office, Coimbatore.	-
20	French	MoU with Alliance Française de Madras, 5 Association Meetings/ Guest Lectures/ Conferences / Seminars / Workshops conducted	-
21	Music	6 Association Meetings/ Guest Lectures/ Conferences / Seminars / Workshops conducted 3 Interaction with industries / Research Centres / Educational Institutes	More numbers of MoUs is needed
22	Business Administration	19 industry Collaborations 79 Association Meetings/ Guest Lectures/ Conferences / Seminars / Workshops conducted 33 placed	Excellent
23	Commerce	4 MoUs signed 274 Collaborations, 77 placed	Good
24	Tourism Management	1 MoUs signed 21 Association Meetings/ Guest Lectures/ Conferences / Seminars / Workshops conducted, 21 placed	Well done
25	Education	Organized Guest Lecture-15 46 Interaction with industries / Research Centres / Educational Institutes, Placement – 44%	Suggested to have consultancy & collaborations
26	Special Education	MOU signed and live Free Counselling, assessment & Referral services 15 Association Meetings/ Guest Lectures/ Conferences / Seminars / Workshops conducted Extension activities: Counselling, assessment & Referral services Enabling Unit for Differently abled Computer Training Digital book Production Promotion of Higher education Early Intervention for Differently abled	Income generation consultancy may be followed

27	Physical Education	1 Consultancy Collaborations with: i. 40 Schools (Govt. Aided / Private) ii. PE Colleges iii. Sports Industries iv. Sports Association / Clubs v. School Sports Promotion Foundation vi. Sports Development Authority of Tamil Nadu	Advised to uphold the current practices. Number of Consultancies may be increased
28	Information Technology	MoU signed with CADD training centre for training Internal collaboration with computer science and Mathematics Department 9 Association Meetings/ Guest Lectures/ Conferences / Seminars / Workshops conducted Extension activity: 40 3 Interaction with industries / Research Centres / Educational Institutes Placement: 58	MOUs for Internship, projects should be finalised with industries and organisations.
29	Physician Assistant	7 MoUs signed, 2 consultancy, 10 Collaborations 6 Association Meetings/ Guest Lectures/ Conferences / Seminars / Workshops conducted 100% placement	Encourage to have e-Newsletters .
30	Biomedical Instrumentation Engineering	MoUs signed with NI India, CADD Centre, KG hospital Research Collaboration - Centre for Incubation Innovation, Research and Consultancy – JIT Campus, Tataguni, off Kanakapura Road, Bangalore 12 Association Meetings/ Guest Lectures/ Conferences / Seminars / Workshops conducted Placement in core company, IT company based on medical journal	Enhance Placement
31	Computer Science and Engineering	4 MoUs signed Collaboration with BodhiTree platform with IIT Bombay 12 Association Meetings/ Guest Lectures/ Conferences / Seminars / Workshops conducted 26 placed	Increase the number of MoU's, Department to identify the avenue for consultancy
32	Civil Engineering	MoUs signed with V Land Hub Technology 20 Association Meetings/ Guest Lectures/ Conferences / Seminars / Workshops conducted Extension activity: Quarry dust , M sand – awareness, 9 placed	Enhance further MoUs , consultancy, collaboration with industry and research institutes

33	Electronics and Communication Engineering	5 MoUs signed 12 Association Meetings/ Guest Lectures/ Conferences / Seminars / Workshops conducted Extension activity- AICTE Vishwakarma Award to help the tribal people livelihood. Placement: 29	Identify appropriate agency for collaboration
34	Food Processing and Preservation Technology	4 MoUs signed, 2 collaborated Industry Projects for students	More Collaborations for MoUs and consultancy
35	Printing Technology	3 MoUs signed Carried out in-house printing jobs like certificates, sticker labels for Diwali sweet boxes, mug printing, 20 Association Meetings/ Guest Lectures/ Conferences / Seminars / Workshops conducted	Identify opportunities for MOU and consultancy with financial support
36	Science and Humanities	18 Association Meetings/ Guest Lectures/ Conferences / Seminars / Workshops conducted E- newsletter ( Manthan) – for the past 10 years hosted in the website ; Once in a semester	Have interaction with outside institute and research organisation
37	B.Voc - Food Processing and Engineering	Collaborations with industries, 12 association meeting 30% placed	-
38	B Voc- Medical Equipment Technology	MoUs signed with KG hospital and Kongunad hospital	Explore awareness for more tie-up with hospitals



## SWOC ANALYSIS

S. No	Department/Centre	COMMENTS	SUGGESTIONS
1	Resource Management	<p><b>Strength:</b> Demand for the course, Student enrolment, Employability Prospects, Skill development</p> <p><b>Weakness:</b> Alumni support, Linkages with employers, Infrastructure and tools (software)</p> <p><b>Opportunities:</b> Placement options: Prospects for self-employment, Exposure to various stakeholders in the field</p> <p><b>Challenges:</b> Ensuring stakeholder involvement, Meet all employability parameters, Reluctance among students to accept placements</p>	-
2	Food Service Management and Dietetics	<p><b>Strength:</b> Well qualified faculty with doctorate degree Course has wide scope abroad and at National level.</p> <p><b>Weakness:</b> Publications in Indexed journals Grants for research</p> <p><b>Opportunities:</b> Entrepreneurship opportunities are abundant. Centre of Excellence in Dietetics and food service systems.</p> <p><b>Challenges:</b> Empowering students to become successful entrepreneurs</p>	-
3	Food Science and Nutrition	<p><b>Strength:</b> Consultation for Government and Non-government Nutrition Intervention Programmes Performance in UGC - NET / JRF examination – laudable</p> <p><b>Weakness:</b> Parent teachers meeting documentation Industrial oriented linkages</p> <p><b>Opportunities:</b> Funding for projects at national and international level Dissemination of research findings from lab to land for upliftment of the community</p> <p><b>Challenges:</b> Cater to the requirement of first generation learners Skill oriented output for improving slow learners</p>	-

4	Textiles and Clothing	<p>Strength:  State of the art well equipped classrooms and laboratories  Qualified Teaching professionals with Ph. D and NET  Good rapport and networking with government organizations and artists across the country</p> <p>Weakness:  Consultancy Services by Individual Faculty  Publication in Scopus Journals</p> <p>Opportunities:  Expanding self-employment opportunities  Growing employment opportunities in textile and garment industries</p> <p>Challenges:  High competition from other affiliated colleges  Avail Government funded projects</p>	-
5	Human Development	<p>Strength:  Well established child lab Well qualified and accessible teachers  Placements of student initiated by the faculty</p> <p>Weakness:  Inadequate classrooms and staff room  Documentation of certain events.</p> <p>Opportunities:  NEP recognition for ECCE</p> <p>Challenges:  Obtaining funded research projects  Accommodating students within given space</p>	-
6	Extension Education	<p>Strength:  Well qualified faculty  Motivating community for rural empowerment.</p> <p>Weakness:  Financial constraints for field visits  Lagging in research publication and funded project.</p> <p>Opportunities:  Career opportunities in national and international organizations.</p> <p>Challenges:  Poor awareness about the programme.  Poor enrolment of students in PG and Ph.D.</p>	-

7	Visual Communication	<p>Strength : Labs are very strong with high end equipment's</p> <p>Weakness: Lack of PG Programme &amp; Research Programme</p> <p>Opportunities: Media and newspaper organisations across the country</p> <p>Challenges: Awareness of the subject is less in the Society</p>	-
8	Biochemistry	<p>Strength: Staff members are specialized in different thrust areas of research All theory papers are supported with practical's UG with complementing double majors</p> <p>Weakness: Less number of consultancy projects Lack of newsletter Lack of adequate space Lack of aided teaching and non-teaching staff</p> <p>Opportunities: Wide opening for students in pharmaceutical companies Available sophisticated instruments paving way for consultancy projects and income generation</p> <p>Challenges: Expensive maintenance and running cost for sophisticated instruments Demand for Post-graduation in bioinformatics is less</p>	-
9	Chemistry	<p>Strength :</p> <p>Congenial and conducive work atmosphere-A healthy, social and happy work environment helps the department to energetically focus on the academic this strength helps the department to achieve targets well within the time-limits. The work gets accomplished successfully owing to the hardworking staff.</p> <p>Willingness of staff members "to go the extra mile"- Availability of teachers outside classroom and working hours to guide and to counsel</p> <p><i>Student cantered approach</i> – committed to student Success. The commitment of faculty and staff, the high quality of faculty scholarship, and the quality of infrastructure are the strengths associated with student success.</p> <p>Greener methods are being adopted to</p>	-

		<p>carry out experimental work</p> <p>The teaching methodologies have also improved with the introduction of LCD's in class rooms</p> <p>Infrastructures facilities in the department for teaching and research activities</p> <p>Weaknesses:</p> <p>Paucity of time: paucity of time in the semester system to complete the syllabus. There is hardly any time for the students to go through extra material on their own in the library or elsewhere.</p> <p>It is very difficult for faculty to monitor 25 odd students / staff member in a lab</p> <p>For PG laboratories only 1 staff member handles class.</p> <p>Opportunities</p> <p>Provision of updating and modifying syllabus in periodical BOS meetings</p> <p>Improving computational facilities</p> <p>Introducing undergraduate research</p> <p>Encouraging research by faculty members</p> <p>Using online resources to supplement traditional teaching methods.</p> <p><i>Develop strategic partnerships</i> –great opportunity to partner with other Private and public institutions to enhance the quality of academic programs, to enrich the Student experience, to better engage the region and state, and improve the overall quality of the University exposure to undergraduates</p> <p>Challenges:</p> <p>Effectively teaching a heterogeneous group of students</p> <p>Keeping students focused in the face of increasing competition in every sphere</p> <p>Career guidance to women students, Managing time for academics and research simultaneously</p> <p>The number of communications need to be increased and more number of conferences so that the department gets to learn from other universities and agencies the technique of facing the challenges that come before the scientific communities</p>	
10	Zoology	<p>Strength:</p> <p>Well-maintained record for students and staff. Virtual lab and Animal Tissue culture laboratory for research purposes.</p> <p>Weakness:</p> <p>E- content development for MOOC and SWAYAM, collaboration, consultancy</p>	-

		<p>must be improved</p> <p>Opportunities: Job opportunities in medical laboratories, hospitals, Government and Non- Governmental organizations.</p> <p>Challenges: Apply and acquire projects based on diverse field of interest of faculty.</p>	
11	Botany	<p>Strength:</p> <p>Initiation of Herbal Garden in Ayya Mandapam, Nakshatra Garden in the campus I</p> <p>Implementation of Green campus initiative</p> <p>Weakness:</p> <p>MoU / Consultancy Opportunities:</p> <p>Entrepreneurship development</p> <p>Scope for field based research</p> <p>Challenges:</p> <p>Strengthening Collaborative Research</p> <p>Getting Grants from UGC</p>	-
12	Physics	<p>Strength:</p> <p>Well Qualified Faculty Members</p> <p>Publications in Web of Science and Scopus indexed Journals</p> <p>Weakness:</p> <p>Patent filing</p> <p>Research (Both computational and experimental) Laboratory and class rooms need to be strengthened</p> <p>Opportunities:</p> <p>Extend consultancy services in Energy Management</p> <p>Challenges:</p> <p>Collaborations with industries</p>	-
13	Mathematics	<p>Strength:</p> <p>Reputed department with alumni strength</p> <p>Supported and guided by faculty with experience</p> <p>Weakness:</p> <p>Retirement of teachers and lack of succession plans</p> <p>Opportunities:</p> <p>Specializations in applied mathematics</p>	-
14	Computer Science	<p>Strength:</p> <p>Full-fledged under graduate and post graduate programs</p> <p>AICTE approved MCA and B.Voc program</p> <p>Weakness:</p> <p>Documentation of all statutory approval letters should be transparent and accessible to authorities</p> <p>Team teaching and research can be encouraged</p> <p>Opportunities:</p> <p>Industry tie ups</p> <p>Research funding opportunities</p> <p>Challenges:</p> <p>First generation learners and regional</p>	-

		language medium students to be brought into the general stream	
15	Psychology	Strength: Demand for Under Graduate Programme Weakness: Interaction with Industry and MoU is less. Opportunities: Counselling Skills Staff Counselling Centre Challenges: Compete with other institutions worldwide	-
16	Economics	Strength: Framed the syllabus concentrating on NET, SET, UPSC, TNPSC etc. Weakness: Academic – industry linkage. PG student's enrolment has to be increased. Opportunities: MOOC – E-Modules to be prepared. Motivate the students for better job opportunities. Challenges:To enrol more number of students in PG Programme	-
17	English	Strength: Dynamic department with a good admission ratio in UG/PG/Ph.D. programmes Good academic and research background for the faculty members Weakness: Staff strength is less Opportunities: Equal opportunities for all students. Challenges:More number of students in UG (across the University) and Ph.D scholars	-
18	Tamil	Strength: Folk Arts, KalaiVizha Cultural, Pattimandram Weakness: PG – Strength has to be fulfilled. Opportunities: Teachers Professors Press Reporter Challenges:Take more attention to avoid Drop-outs. PG Strength has to be increased	-
19	Hindi	Strength: Teaching Computer in Hindi. Spoken Hindi are conducted to non-Hindi Speaking Student and Faculty. Weakness:	-

		<p>Enrolment of Students is low.</p> <p>Opportunities: Students can continue their higher studies both in Literature and Journalism</p> <p>Challenges: To attract students to Hindi Major. To get more research funding.</p>	
20	French	<p>Strength: Assured employability 100% placement</p> <p>Weakness: No refresher courses conducted in French</p> <p>Opportunity: International collaboration –French embassy</p> <p>Challenges: PG course can be initiated</p>	-
21	Music	<p>Strength: The training for pursuing live Performances and hands-on experience with musical instruments, nurture talents in students who are thereby equipped to pursue music professionally.</p> <p>Weakness: Enrolment of less students in UG and PG</p> <p>Opportunities: Orchestra, Cine fields, Teachers, Institutions</p> <p>Challenges: Inborn quest needed for the subject</p>	-
22	Business Administration	<p>Strength: AICTE approved programmes, Strong Corporate Linkages</p> <p>Weakness: Feeder Course, Blazer for Students, 6 months certificate course</p> <p>Opportunities: Overseas collaboration</p> <p>Challenges: Management Development Programme, Start-ups</p>	-
23	Commerce	<p>Strength: Qualified, motivated and competent faculty with a blend of high experience with young and energetic dynamism</p> <p>Weakness: Need for more Funded Research Projects</p> <p>Opportunities: Collaboration with Auditors and Industry Consultancy Services</p> <p>Challenges: Non acceptance of students to take jobs outside the city. Attitude of parents hindering students to grab opportunities outside.</p>	-

24	Tourism Management	<p>Strength: Strategically Located centre for tourism studies providing state of the art education in the region in a safe and secure environment</p> <p>Weakness: MOU's has to be increased.</p> <p>Opportunities: Scope for Higher education in Placement and Related Industries.</p> <p>Challenges: Competition in the Educational field and diversified interest of student parent fraternity</p>	-
25	Education	<p>Strength: e-Content and MOOC Programs, All Curricular labs, Psychology Lab, Language Lab, AV Lab, ET Lab and AI &amp; Machine Learning Lab</p> <p>Weakness: MoU, Collaboration, Consultancy has to be improved.</p> <p>Opportunities: App development for rural School Children</p> <p>Challenges: Students &amp; Teachers should get exposure to the very advance technologies which are followed in schools in urban cities</p>	-
26	Special Education	<p>Strength: International Collaboration E Content Development and MOOCs Highest Number of MOOCs Coordinators</p> <p>Weakness: MOU to be followed in Institute format Income generation Consultancy</p> <p>Opportunities: Can meet the demands of Students with Special Needs Enrolment of Differently abled in Higher Education Hi tech Computer Lab for the Differently Abled</p> <p>Challenges: Handling adolescent problems Lack of parental support Providing opportunities for Differently Abled in Higher Education</p>	-
27	Physical Education	<p>Strength: 100% Placement in Govt., Aided and Private Schools/ Colleges</p> <p>Weakness: Lack of Fields and Courts for Major Sports - Hockey, Handball, Tennis.</p>	-



		<p>Opportunities: State/National, Inter University, Overseas Participation with TA and DA Conduct of Officiating Exams for Major Sports and Additional Authorised</p>	
28	Information Technology	<p>Strength: Industry oriented futuristic curriculum Weakness: Research consultancy opportunities Opportunities: Research product prototypes and patents Challenges: Lack of opportunities for research guidance, consultancy and FDP.</p>	-
29	Physician Assistant	<p>Strength: 100% placement. Dedicated staff. Weakness: Inadequate classroom. Opportunities: Getting jobs globally for the students. Challenges: Getting fund to develop the infrastructure from Government and non-government agencies</p>	-
30	Biomedical Instrumentation Engineering	<p>Strength: Team Work NBA Accredited Weakness: Web of Science publications are limited Opportunities: Research proposals submitted – PS AICTE – 2018-2019 (1 No) project proposals submitted to DST-2019-2020 (2 Nos) Challenges: Admission lagging MoUs with Multispecialty Hospitals to be increased</p>	-
31	Computer Science and Engineering	<p>Strength: Qualified and Experienced Staff Good admission for Research Programme Weakness: Collaborate with R&amp;D organizations Low intake for PG programme Opportunities: Develop Interdisciplinary Research across departments and Internship in IITs and MNCs Challenges: PG,UG and NRI Admission Retention of qualified faculty Funded Projects</p>	-

32	Civil Engineering	<p>Strength: Qualified staff and good Lab Facilities</p> <p>Weakness: Poor student strength</p> <p>Opportunities: Enhance network with Government and NGO's.</p> <p>Challenges: Admission and employment, Attract more intake</p>	-
33	Electronics and Communication Engineering	<p>Strength: Team Work Experienced Staff with 22 - 18 years of experience</p> <p>Weakness: Quality publication are less</p> <p>Opportunities: Research openings in Automation and Embedded Systems Students Projects can be applied for Tamil Nadu State Council for Science and Technology for Financial Support</p> <p>Challenges: To get funded projects Enhance the Industry tie up (MNCs)</p>	-
34	Food Processing and Preservation Technology	<p>Strength: Alumni Interaction</p> <p>Weakness: International Collaboration Consultancy and funded projects.</p> <p>Opportunities: Funding schemes offered by the National agencies / Government bodies Incubation and Entrepreneurship opportunities for students.</p> <p>Challenges: Bridging the gap between academia and Industry for skill training for employment</p>	-
35	Printing Technology	<p>Strength: Groom students for career Qualified and dedicated staff members</p> <p>Weakness: No funded research projects Lack of income generating programme Limited publications in Scopus and web of science</p> <p>Opportunities: Scope for entrepreneurial development Innovation in print products Creates placement for students in printing sectors</p> <p>Challenges: Attracting above average students, Creating awareness about printing technology</p>	-

36	Science and Humanities	<p>Strengths: All the thirteen staff members are doctorates Strong mentoring and counselling offered to students Weakness: E content to be developed for all subjects Make online classes more interactive Opportunities: Participation of students and faculty in outside programmes Involving students in policy decisions relating to curriculum, internships Challenges: Explore alternatives for retaining students Reduce barriers inhibiting academic performance</p>	-
37	B.Voc - Food Processing and Engineering	<p>Strength Industry collaborates in development of need-based curriculum and strengthen academia-industry linkage Intensive skill training Weakness Lack of course awareness Opportunities in PG courses Opportunities Industry-specific skills to enhance employability Leading institution/industry collaborations for training enabling 100 per cent placement Challenges Admissions</p>	-
38	B Voc- Medical Equipment Technology	<p>Strength Adequate laboratory and infrastructure for training students in medical electronics Weakness Lack of course awareness Opportunities Strategic location of the university in Coimbatore, a city with many biomedical device manufacturers and hospitals Challenges -MoU signed to be increased Representations in government jobs</p>	-

## BEST PRACTICES

S. No	Department/Centre	COMMENTS	SUGGESTIONS
1	Resource Management	Focus on need based and community oriented research	-
2	Food Service Management and Dietetics	Imparting Diet counselling and creating awareness on health to population groups through community based activities.	-
3	Food Science and Nutrition	Entrepreneurial skills in Food Product Development and Marketing	-
4	Textiles and Clothing	Organising Journal Club	-
5	Human Development	Team work and accessibility	-
6	Extension Education	Strengthening ties with the villages	-
7	Visual Communication	Students create designs, do video coverage and photography for the university events which enhance their practical skills	-
8	Biochemistry	Documents related to students, staff and stakeholders are maintained and updated regularly Individual assignment topics, models, problems and journal case studies for the students related to subject topics are given	-
9	Chemistry	On the Job training offered to post graduate students Greener practices in teaching, documentation and in laboratory Effective documentation on time	-
10	Zoology	Maintenance of student profile and record Regular Maintenance of aquarium and	-
11	Botany	Vermicompost Campus - Greenery	-
12	Physics	Inculcating research aspirations by visiting premier Research Organizations/Laboratories and green energy utilization	-
13	Mathematics	Application orientation in teaching and learning	-
14	Computer Science	Scientific research orientated and funded projects	-
15	Psychology	Centre for Advanced and Resourceful Endeavours( C.A.R.E) Student and Staff	-
16	Economics	To nurture Analytical and Research skills to critically analyse Economic Policies and Reforms-good	-
17	English	Catering to visually challenged students at all levels	-
18	Tamil	Folk Arts, KalaiVizha Cultural, Pattimandram	-

19	Hindi	Spoken Hindi course is conducted for non-Hindi speaking students.	-
20	French	Technology Assisted Teaching/Learning Sensitization of students about the importance of foreign languages	-
21	Music		-
22	Business Administration	Different Digital Modes of Teaching - Google Classroom, Kahoot, Edmodo, Moodle, Hotpotatos, Quizzes, Gnomic, Socrative, Loom, Screen Cast-o-matic, OBS, E-campus LMS	-
23	Commerce	E filing of Income tax Returns	-
24	Tourism Management	Salubrious growth by experiential learning of Indian -Biodiversity, Heritage, Cuisine and Adventures.	-
25	Education	Live Labs: Teachers are sitting on their respective labs. Book Talk: In daily assembly Students give a talk on the book they read from library Love Lunch: Teachers lunch with a group of students once in while Instructional Materials are given to the rural government schools to uplift they downtrodden	-
26	Special Education	Academic Dual major system for better employment avenues to students Syllabus updation & revision as per need Incorporation of Multi Category disability components in syllabus for teacher preparation High tech laboratory for practical activity Faculty qualified in specific disability disciplines Application of technology in teaching learning Simulation approach for teaching learning process Research Enrolment of Ph.D scholars from different States and at International level and thereby increasing enrolment and visibility to the institute Creation of linkages with foreign universities for research and academic enhancement adapting US educational Paradigm in Indian schools. Research on indigenous devices and techniques rehabilitation of Persons with Disabilities Inter disciplinary Inter-disciplinary research ( Education/ Psychology/ Extension / Women's Studies /	-

		<p>Human Development / Nutrition/ Textile)          Involvement of multi disciplinary team for research( Education/ Psychology/ Extension/ Clinician/ Industrial expert)          Administration          Faculty members with appropriate specialization for delivery of content/ programme          Facilitate to avail merit scholarship/ research fellowship for the students of special education and students with special needs from different funding agencies.          Facilitating and advocating 4% reservation in admission for the differently abled.          Establishment of Early Intervention Centre, Hi Tech Lab, Enabling Unit and Resource Centre for the differently abled.          Establishment of Diagnostic Centre for identification and assessment of children with special needs and referral service.</p>	
27	Physical Education	Offer Employability Skill Training – Thro Internship and Practice Teaching	-
28	Information Technology	Learner centric participative pedagogy	-
29	Physician Assistant	Exposure to hospitals related to course.	-
30	Biomedical Instrumentation Engineering	Internship exposure helped to gain scope for skill training and placements for the students both in the Electronics, Healthcare Industry and Hospitals	-
31	Computer Science and Engineering	Blended Learning with Bodhi Tree Platform	-
32	Civil Engineering	Development of prototype model for construction sector	-
33	Electronics and Communication Engineering	Encourage students to take up societal projects	-
34	Food Processing and Preservation Technology	Experiential learning through Industrial linkages	-
35	Printing Technology	Department undertakes placement of students on individual basis	-
36	Science and Humanities	Counselling and handholding the entry level learners	-
37	B.Voc - Food Processing and Engineering	Special lectures experts from industry, research institutes, academia, bank, government, and entrepreneurs	-
38	B Voc- Medical Equipment Technology	Providing opportunity for the students to earn while learn during the course of study	-

## ADMINISTRATIVE AUDIT

S.No	Centre	COMMENTS	SUGGESTIONS
1	Health Centre	Manual report available for student medical report and students health checkup	A trained nurse may be required, since students numbering of an average 30 Basic facility to be set up for which coordination or joint work with the biochemistry department
2	NCC	Well maintained	Newspaper clipping to be maintained for annual reports
3	NSS	Well consolidated	Village adopted can be classified under rural, urban, slum, corporation, etc.
4	Library	Fully systemized and facility loaded library for students and faculty The Library staff are proactive and well informed Reader's book corner is an innovative initiative done by this library 985 registered users Achievement <ul style="list-style-type: none"> <li>• Institutional member in Science Association</li> <li>• Authorized member in IEEE</li> <li>• Initiative of Institutional Repository</li> <li>• Organized National Conference</li> <li>• Inaugurated NDLI Club &amp; Reader's Book Corner</li> <li>• Proposal for ICSSR</li> </ul> Visited British, Oxford Libraries and GPERI (Gujarat)	Resource mobilization like income generated by reprography services may be documented.  Example: income generated by reprography services; sponsorships received <ul style="list-style-type: none"> <li>• Visitors note to be maintained.</li> <li>• Faculty to orient students by way of assignments relating their subject topic and resources in our Library.</li> </ul> Example: How many resources or information are available in a topic in "DELNET" etc.
5	Examination Section	Complete details regarding the smooth conduct of comprehensive examination such as Examination halls, seating arrangements, Invigilators list, duties, non-teaching staff involved etc. were provided The 3 reported cases during the period were dealt with systematically and the issues resolved. Filed in chronological order. Minimum number of applications received for revaluation and retotalling. Services were rendered satisfactorily	Updation to be added in the manual Pictorial / Graphical representation of data may be incorporated for better interpretation Authenticity of the Question paper is to be established. i.e. by proving barcode/ QR code /Serial number for each set of question papers. The efforts taken for conducting online examination for the special children may be documented for future reference.
6	Equal Opportunity Cell	there is no ear making of funds, for this scheme for three years it functions well with the help of the team involved	Remedial coaching is one of the major criteria in the quality assessment. Hence it should

			function. Due to budget cut, the functions may impair the education of slow learners, hence funds should be mobilized. Mechanism for fund mobilization to be worked out.
7	Computer Centre	eCampus modules, Website, Attendance Software are well maintained.	To improve the signal strength, number of Access Points can be increased. Upgradation of storage may be increased
8	Placement Cell	Placement cell is functioning effectively in order to bring more placement opportunities. More department support will lead to strong student participation in all placement activities	Placement Software may be procured for placement activities and documentation as these facility are available in other premier institutes( Ex. Examly
9	Sports	Very good	All sport activity related list to be maintained in the front of file
10	Academic session	Well maintained	The details required in online application for admission can be minimized. After admission required information may be collected from the enrolled students Storage facilities to be made available for the office. A separate room with cabinets has to be provided to keep the records safe as there are several files to be maintained. As only two permanent and 1 temporary staff (Office Assistant, LDC and Multitask Assistant respectively) are working for the office, one record clerk is necessary for smooth functioning of the office.
11	Establishment section	Face reading attendance for staff is being followed Leave management maintained manually	Suggested to prepare pay bills and pension in a separate software so that the particulars may be viewed by the concerned individual employee. Hard copies of the Leave letters may be avoided. All the leaves may be applied, forwarded and approved electronically in the system. So as to maintain accuracy, avoid stationery and waste of time. The employees may also be able to view their leave balance online.



12	Finance section	Maintenance of accounts, list of bank accounts, financial support from government, internal receipts generated, regularity of internal audit, pending audit, computerization of finance management, resource mobilization, unit per unit cost are well maintained	<p>1. Efforts to be taken to maximize returns from use of the infrastructure of the Institute by way of rental income for auditoriums/halls etc.,</p> <p>2. TDS Exemption certificate may be obtained at the beginning of the year.</p> <p>3. Continuous efforts to be taken for getting the dues such as a) reimbursement of Scholarships for SC/ST Students, b) refund of TDS deducted on Interest earned from ITO, c) Interest on GPF and d) block grant receivable from Tamil Nadu Government.</p> <p>Initiatives are to be taken for mobilization of more resources such as encouraging receipt of donations from CSR Funds and Philanthropists.</p>
13	Engineering section	Getting plan approval from Town and country planning authorities and local bodies. Tender opening meeting have been conducted 3 times and minutes have been recorded. Properly maintaining the Measurement Book for the construction work carried out. Execution of all works according to the norms and standards. All the works are carried out as per the guidelines of UGC	<p>For maintenance of HT line during night time and holidays, additional one electrician with 'B' license holder may be appointed</p> <p>For onsite supervision of workers, head work man/ mesthiri may be appointed</p>
14	PRO office	<p>Technical Assistant: 1 No.  Office Assistant : 1 No.  Water Boy : 1 No.  Lift Operator : 1 No.  Multitask Assistant : 1 No.</p> <p>Table:  Bureau:  Rack:  Computer:  Laptop:  Printer cum  Copier and  Scanner:  Internet facility:</p>	<p>Hospitality arrangements of Institute Guest</p> <p>Support during function arrangements (tent, additional chairs, focus light etc.)</p> <p>Institute Garden maintenance</p>

15	IQAC	Verified the parameter and Well Presented and well appreciated AQAR, NAAC, SSR and certificate, NIRF submission and grade, student annual survey, feedback analysis (all five category), self appraisal form, PBAS proforma, e—iqac, minutes of IQAC meetings, composition of IQAC, action taken reports, IQAC activities are given in the website with proper web link	Research Associate, JRF, SRF date in the required template may be added, Research facilities to be improved modified
16	Hostel	Disciplinary Practices Conduct of the community prayer daily Visitors day to students-Tuesday and Thurs day from 4.30P.M to 5.30 P.M Saturday and Sunday from 9.00A.M to 12.00P.M. UG students are allowed only with parents on Visitors days PG students on Saturday from 9 A.M to 5.00P.M. attendance taken daily attendance taken daily	Facility for washing, drying and ironing of clothes may be provided. Incinerator is to be installed in each block. In addition to the television, Newspapers in Tamil, English, Malayalam, and Hindi are to be provided in the common hall. Study table per student needs to be ensured. Guest rooms may be provided. Fire extinguishers are to be provided in appropriate places.
17	Research and consultancy	All the records were developed and maintained systematically For all Research and Consultancy ventures the centre motivates and provides proper guidance	PhD and M.Phil. Prospectus should include Fee Structure to maintain transparency in Admission
18	Incubation center	Activities: Entrepreneurship Awareness Programmes EAC- DST NIMAT- 2 Nos Earn While You Learn - Rs.88059/- distributed Income Generation: (July, 2019 – March, 2020) Incubation projects and Infrastructure Usage ( 15000x9) = Rs.1,35,000/-	Activities like Boot Camp, Product Designing may be planned
19	IMF	They have maintained the files since 2011. It is highly appreciable Staff can keep updating themselves through webinars/workshop in online mode. IMF shall plan for conducting training programs in online mode	To update staff profile in website also
20	Bharat Ratna Prof. CNR Rao Research Centre	All equipment's are functioning Satisfied with basic infrastructure	Preferably one regular house keeping faculty to clean the centre
21`	Advanced research lab	All equipment's are functioning except one or two Number of seminars, workshops	Necessary steps may be taken to replace the equipment's
22	Animal house facility	To fulfil the requirements of inhouse research scholars	Number of animals can be increased based on the requirement

23	Women's study Centre	79 students enrolled in co-curricular course on gender and empowerment 54 students enrolled in co-curricular course on gender and education 2 M.phil students enrolled in women studies Strengthening of regular and co-curricular course of women studies, Centre to be converted to department Present staff to be given permanency with scale of pay	As many candidates opt for Ph D in women studies, teaching faculty post be filled (at least an SF staff)
24	Guest house	1 conference hall, 1 video conference hall, conventional energy sources, water doctors for drinking water, wifi access and dining & transport facility are available	Reservation methods for host department and visitors on their own have to be put up Rules and regulations to be followed by guest to be put up Floor plan drawings have to be put up Coimbatore city map plan shall be maintained Emergency numbers of hospitals, police stations and fire stations have to be maintained Telephone directory has to be maintained Transport related help shall be provided News papers, magazines in reception area, mini stationery unit with stationery, snacks shall be put up in reception area