K.S.RANGASAMY COLLEGE OF ARTS AND SCIENCE (Autonomous)

THIRUCHENGODE – 637215

IQAC REPORT

Section A

The plan of action chalked out by the IQAC in June 2011 -12

1. Quantifiable Objectives

Academic progress:

- To enhance the graph of pass percentage to 75 in all the disciplines in the UG and the PG level.

Placement:

- To increase the number of employable students by conducting more placement classes and training and to achieve 75% placement of the eligible students.
- To extend the placement awareness for all undergraduate and postgraduate students from enrollment.

Competitive Examinations:

- To qualify at least 10 students in the competitive examinations

Infrastructure:

- To equip all the laboratories leading for research activity

Library:

- To procure a minimum of 1000 books per year
- To promote accession of online libraries

Progress in extracurricular activities:

- To develop the spirit of sportsmanship among the students so as to represent the institution in the state and national level games

Extension Activity:

- To promote Extension activity in all the departments
- To train the rural school children in Computer Education
- To create health consciousness among rural population

2. Target Fixed by various committees

2.1 Statutory committees

S.No	Committee	Date of Meeting	Resolutions taken
1.	Board of Studies	21.06.2012 to 17.08.2012	Each department has framed its syllabus for the academic year 2011-2012 independently.
2.	Academic Council	28.09.2012	The syllabus for the academic year 2011- 2012 has been approved by the academic council.
3.	Finance Committee	10.10.2012	1. Budget approval for the academic year 2011-2012 2. The examination fee for the academic year 2011 – 2012. 3. The remuneration for the examination related work for the academic year 2011 – 2012. 4. The sitting fee for the members of Board of Studies, Academic Council and Governing Body meeting for the academic year 2011 – 2012.
4.	Governing Body	17.11.2012	The Governing body approved the various proposals passed in academic council and in finance committee.

2.2 Non-Statutory Committees

S.No	Committee	Date	Resolution taken
1.	Library Committee	07.06.2011	Discussion about

			• Periodic journals and magazines were reviewed • Purchase of Books • Conduct of Book Fair
2.	Academic Audit Committee	15.06.2011	The Committee decided • To compose seven security features in the Mark Statement. • To go for Re-Certification Audit under ISO 9001-2008 in the month of June 2012. • To frame a committee of External Experts to conduct Academic Audit every year from 2012-13 onwards. • To conduct Internal Audit during the month of October and April
3.	Admission Committee	21.06.2011	The committee approved the students admitted in the academic year 2011-12
4.	Planning and evaluation Committee	07.07.2011	Approval of • Academic calendar for the year 2011-12. • Examination schedule for the odd semester, November 2011. • Examination schedule for the even semester, April 2012.

5.	Grievance appeal Committee	18.07.2011	Review of • Class committee meetings. Approved the • Rules framed for the conduct of students.
6.	Examination Committee	28.10.2011	Approval of • End Semester Examination Time table. • Regulations for attendance and leave of absence. • Regulations for Examination. • Rules for students to earn additional credits. Framed and Approved • The rules for the conduct of CIA test. • The procedure for Transparency and Revaluation.
7.	Extra curricular activity Committee	21.09.2011	The committee decided • To conduct NCC camp in the academic year 2011-2012. • To conduct the NSS camp in the month of December 2011. Approved • The other activities of NSS planned for the year 2011-12. • The sports calendar for the

			year 2011-12.
			• The activities of RRC and YRC for the academic year 2011-12.
8.	Admission Committee	21.06.2012	The committee decided to adhere the reservation policy of the Government of Tamil Nadu for the academic year 2012-13
9.	Planning and evaluation Committee	03.07.2012	Resolved to approve • Academic calendar for the year 2012-13. • Examination schedule for the odd semester, November 2013.

Section B

ACADEMIC PROGRESSION 2011-2012

1. A Constructive Vision:
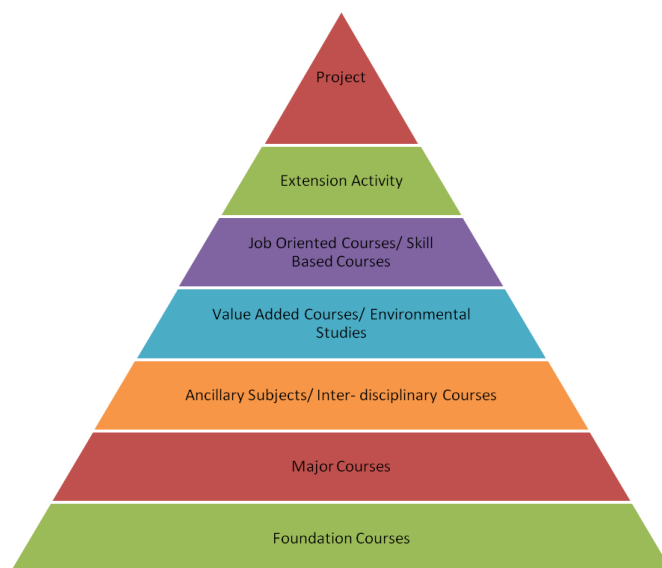
The Vision of the institution encompasses

- Widening the placement opportunities in the MNCs
- Extending research programmes in all disciplines
- Paving way for extension activities and to sign MoU with other agencies

2. A Framework of Innovative Curriculum:

In relation to the conferment of autonomous status by UGC, the institution has been functioning as an independent body by framing the syllabi of all the disciplines. An Individual board of studies has been formed to frame the syllabi for the respective discipline. Subject experts from various reputed institutions and Universities form the Board of Studies. The Curriculum has been framed based to the requirements of the students, employability and expert's suggestion.

The present curriculum for UG & PG programmes is framed based on the recommendations of the IQAC with certain criteria.

UG PROGRAMME:

Project
Extension Activity
Job Oriented Courses/ Skill Based Courses
Value Added Courses/ Environmental Studies
Ancillary Subjects/ Inter- disciplinary Courses
Major Courses
Foundation Courses

PG PROGRAMME:

Project
Elective Subjects
Job Oriented Courses
Value Added Courses
Inter- disciplinary Subjects
Major/ Core Courses
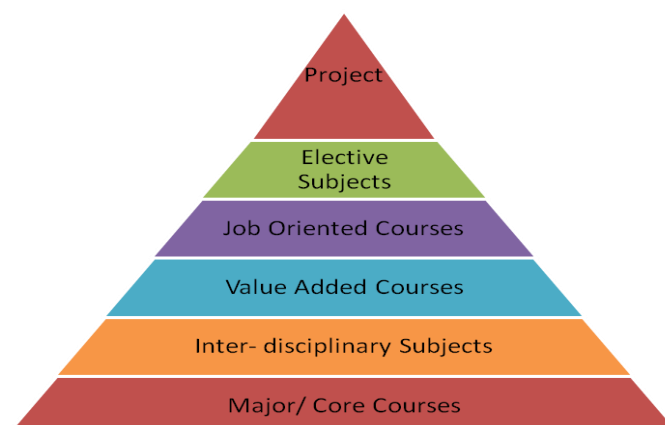
3. **Design Plan:**

The Under Graduate and the Post Graduate Programmes offered by the College are based on Choice Based Credit System (CBCS) to promote quality, standard and excellence of the students. The System aims at rendering efficiency to the students so as to acquire service in the government and private sector. The system offers 140 and 90 credit points for the UG and the PG Programme respectively. Periodic Management Review meetings were conducted with the following objectives to enrich the system.

Objectives:
- o To widen the career opportunities
- o To regulate multiple projects and programmes
- o To enhance academic flexibility
- o To mould the youth into a responsible and empowered citizens

4. **Design Inputs:** The current seven tier structure has been charted out and implemented under the CBCS of the curriculum, considering the emerging trends.

4.1. Each UG programme shall have a curriculum comprising theory and practical courses with specified syllabus. The courses shall cover

(i)   Part - I Language

(ii)   Part - II Language

(iii) Major / Core courses

(iv) Ancillary Subjects/ Inter-disciplinary courses

(v)   Value added courses

(vi) Job oriented courses

(vii) Skill Based Subjects

(viii) Environmental Studies

(ix) Extension Activity

(x)   Project (wherever applicable)

4.2. Each PG programme shall have a curriculum comprising theory and practical courses with specified syllabus. The courses shall cover

(i)   Major / Core courses

(ii)   Inter-disciplinary subjects

(iii) Value added courses

(iv) Job oriented courses

(v)   Elective Subjects

(vi) Project

The student has to carry out a project work and shall submit at the end of the fourth semester. The students of MCA Programme shall submit the project work at the end of the sixth semester.

5. **Design Outputs:**

The designed curriculum and the examination pattern have been proposed in to various departments according to the seven tier structure under CBCS. The Chairperson of the Board of Studies (Head of the Department) instructs the courses to be enclosed in the design of the curriculum based on the specialization and expertise of the faculty members and also the need and necessity. The Chairperson assigns the courses pertaining to the objectives of the college in the department meeting. The detailed syllabi of the assigned courses is planned and presented by the faculty members or members of the BoS to the Chairperson. The inputs for the curriculum design are framed through referring the various patterns of curriculum from different Universities, reputed institutions, research institutions, suggestions from the alumni and from industry.

6. **Design Review:**

A Series of discussion is carried out at the department level to review the detailed design of the curriculum. During the Board of Studies meeting the detailed design is further analyzed and reviewed by subject experts, industrial experts, University nominee and the alumni of the department. The suggestions stated by the reviewer and the members of the board of studies are considered in framing the syllabi of various courses. A BoS meeting minutes is maintained recording the changes and suggestions pointed out by the members of the BoS along with its implementations.

7. **Design Verification and Approval:**

The BoS framed the detailed syllabi with the examination pattern and regulations are submitted to Standing Committee on Academic Affairs and then to the Academic Council for its consideration and approval. The Academic Council comprises all the board of studies Chairmen, experts

representing Industry, Law, Education, etc., and three University nominees. These experts approve the detailed syllabi proposed with or without modifications. Various areas such as courses of study, academic regulations, curricula, syllabi, instructional arrangements and evaluation process, methods and procedures are taken into account for the approval.

8. **Design implementation and Validations:**

Only after the approval of the Governing Body, the recommended syllabi of the Academic Council are subjected for implementation. During the implementation period, comments from the subject experts, industrialists, students and alumni are expected for validation. The changes identified in the updating of plans and comments are revised and recorded as the design inputs for the next cycle.

9. **Inter -disciplinary Programmes:**

The Inter- disciplinary courses for the UG programme were introduced for the first four semesters and for the first two semesters for the PG programme. To procure additional learning skills in the vocational programme, NMEC (Non Major Elective Course) has been introduced to all UG students.

10. **Examination reforms implemented:**

Under the autonomous system, On-line tests have been introduced for few departments. Practical examinations have been reinstated so as to synchronize with the conceptual papers.

11. **Candidates Qualified: NET/ SET/ TET etc.**

A total of 26 faculty members have cleared NET and SET Examination.

12. **Initiative towards faculty development programme:**

The College has been constantly focusing and encouraging the Faculty members to participate in the various Faculty Development programmes, Management Development programmes and Research Conferences. About 40 per cent of the faculty members took part in various faculty development programme. The students are actively participating in different training programmes conducted by the corporate sector and are attending various conferences and seminars at the state and national level. The Faculty

members have been presenting and publishing research papers at seminars and conferences. Further, several programmes have been organized for developing the working skills of both teaching and non-teaching faculty members.

13. Total number of seminars/ workshops conducted:

During the academic year 2011 -2012, ten National level Conferences/ Seminars/ symposiums and eight workshops were organized by various departments.

14. Details of Research Scholars

M.Phil Scholars: 2011-2012:

S.No	Department	No. of Students
1.	Commerce	12
2.	Tamil	5
3.	Management	5
4.	Biochemistry	1
5.	Microbiology	1

PhD Scholars: 2011-2012:

S.No	Department	No. of Scholars
1.	Commerce	10
2	Tamil	1
3.	Microbiology	2
4.	Biotechnology	2

15. Research papers presented in Seminars/ Conferences/Symposia

S.No	Department	International	National	Total	Students Presentation
1	Tamil	6	9	15	-
2	English	-	5	5	9
3	Computer	22	16	38	14

S.No	Department				
	Science				
4	Mathematics	2	5	7	-
5	Electronics and Communication	1		1	12
6	Biochemistry	-	4	4	22
7	Chemistry	-	2	2	4
8	Commerce	-	2	2	-
9	Commerce(CA)	6	3	9	-
10	BBA	4	1	5	26
11	Microbiology	3	1	4	-
12	Biotechnology	-	2	2	17
13	MBA	11	7	18	-
14	MCA	-	4	4	-
15	Textile and Fashion Designing	-	-	-	1
16	Counseling	3	1	4	-
	Total	58	62	120	15

Research Publications:

S.No	Department	Publication by Faculty
1	Tamil	3
2	Computer Science	6
3	Biotechnology	1
4	Management Studies	1
	Total	11

16. KSR Help Fund for the year 2011-'12

The management provides educational support for meritorious students in UG and PG courses.

01.	Fees concession to students	Rs. 9, 25,000

17. Details of financial assistance from funding agencies

S.No	Particulars	Fund Granted	Received By
1	IS-STAC/C02-SR-80/10(G)Government of India/ Bharat Sarkar Ministry of Science and Technology, Department of Science and Technology *Project Title:* "Carbon dioxide sequestration using anoxic microbial consortium for the production of methane fuel and oxygenic microbial consortium for bioconversion of methane to methanol"	Rs.32,17,850	Dr.V.Chandrsekar Department of Biotechnology
2	100/(IFD)/8341/2010-11IS-STAC/C02-SR-80/ 10(G) Government of India/Bharat Sarkar Ministry of Science and Technology, Department of Science and Technology *Project Title:* "Host-bacterial symbiont co-speciation patterns amond Indigenous earthworm familes"	Rs.23,80,000	Dr.V.Chandrsekar Department of Biotechnology

3	Financial Assistance from Indian Council of Medical Research to Organize National Seminar on Textile Dye Effluents and its Health Impacts: A Bioremedial Approach on Feb 15-16, 2012	Rs. 25,000	Dr.A.Sankaranarayanan Department of Microbiology
4	Financial Assistance from NAAC to Organize National Seminar on Inculcating Innovative Practices in Teaching And Learning Methods for Quality Education on July 13-14, 2012.	Rs. 75,000	IQAC

18. Community services

There are five NSS units, one company NCC (attached to 12 TN BN NCC, Salem) unit, YRC and RRC are functioning, to develop student's social awareness, social involvement, discipline and leadership qualities.

NSS:

National Service Scheme of our College is effectively functioning through various services. The activities conducted by the NSS are as follows:

1. NSS team commemorate the days such as World Tobacco Day, Anti Drug day, and NSS Foundation Day.

2. NSS team concentrates on social awareness and healthy environment and has been rendering service through planting saplings, road safety measures and Self employment programmes.

3. AIDS awareness camp, Eye camps, General medicine camp, First Aid camp, Dental camp, Disaster Management camp, Blood Donation camp,Mosquito eradication camps were organized to promote safe and healthy life of the people.

4. NSS volunteers have been constantly visiting the adopted village Atturampalayam, Thiruchengode Tk in order to impart care and affection to the needy.

5. A Seven days camp has been organised at Atturampalayam village by the NSS team, in which 250 NSS volunteers have participated. Through this special camp the personality of the students gets developed.

6. Blood donation camp was organized in the college campus in association with Govt., Hospital Tiruchengode and Lions Club Erode blood bank. 70 students and 02 staff members donated blood. NSS Programme Officers Dr.P.Ganesamurugan,Mr.T.Thiruvengadam,Mr.D.Laxmanan Mr. D.Vijay Ms. S. Ranichandra were incharge of the programme.

7. 44 NSS Volunteers from our college have involved in the Pachayat and Local body elections 2011 security duty for 5 days.

NCC:

- NCC involved in various social service activities by conducting programmes like Blood donation Camp, Rallies and demonstrations for social awareness, tree plantation, Cycle rallies.

- It was a great pleasure that being a host for the combined annual training camp of July 2011 in our campus. In this camp more than 700 SD, SW & JD along with their ANo's had participated in that overall trophy received by our KSRCAS NCC cadets.

- Under Officer (UO). Sathish kumar, A & Sgt. Sampath, M of II BA (ENG) had attended inter group competition of thal sainik camp which was held at Dr, Anbil Dharmalingam Agricultural College, Trichy.

- Under Officer. Sathish Kumar. A, of II BA (ENG) had attended **Thal Sainik Launch I Camp** which was held at **Alagappa Physical Educational College, Karaikudi** from **05 AUG** to **14 AUG 2011.** He broke the previous record of **31.47 sec** in **Obstacles Crossing** by setting a new record of **30.22 sec**

- Under Officer. Jagadish.R II B.Sc (ELE) took part in the *Inter Group Competition (IGC),* held at **Yadhava College of Technology Madura**i, from 16 Sep 2011 to 10 Oct 2011. He also selected as a **Best Cadet** of Coimbatore group and **Cherry Blossom** of the Tamil Nadu directorate. This camp is considered as the highest camp in state level**.**

- 11 of our cadets attended National Integration Camp held at Billai district of Madhya Pradesh. This camp is conducted to integrate all the culture of India in one place, in which our cadets represented Tamil Nadu with the crew strength of 17 cadets.

- 16 of our cadets were attended the SPRITUAL SERVICE CAMP (Emergency Structure) held at Sabarimala, Kerala from 14th Dec to 27th Dec 2011, our college cadets saved a life of a child incapacitated in a stampede at sabarimala sannidhanam by admitting it to the Pamba hospital (about (14 K.M)) in just 23 min. Akila Bharatha Ayyapa Seva Sangam congratulated their heroic deed on saving a girl child's life.

- The cadets had won the overall championship trophy of 7th Hero's Day Celebration which was held at Bishop Heber's college, Trichy.

RRC:

- 38 students have donated blood in the Blood donation camp held at Namakkal collectrate.

- Essay writing competition on Aids awareness and blood donation was conducted and prizes were distributed to the winners.

- A guest lecture on Aids Awareness was given to RRC Volunteers by District RRC Manager Mr.H.Santharam.

- A signature campaign against HIV Aids was organized.

CONSUMER CLUB:

- Consumer club was inaugurated and has conducted Orientation programme to students.

- Periodically conducts awareness programmes.

19. Teachers newly recruited

New faculty recruited for the Academic Year 2011-2012

English

Sl. No	Name of the Faculty	Qualification	Designation	D.O.J
1.	Ms.S.Brinda	M.A., M. Phil.,	Lecturer	13.06.2011
2.	Ms.S.Abinaya	M.A.,	Lecturer	20.06.2011
3.	Ms.V.Dhivya	M.A.,	Lecturer	22.06.2011
4.	Mr. S. Gowri Shankar	M.A.,	Lecturer	11.07.2011
5.	Mr.K. Murugesan	M.A.,	Lecturer	14.07.2011
6.	Mr.S.Senthilnathan	M.A.,	Lecture	04.01.2012

Microbiology (UG &PG)

Sl. No	Name of the Faculty	Qualification	Designation	D.O.J
7.	Dr.A.N.Dhinaa	M. Sc., Ph.D	Lecturer	13.06.2011

Computer Science (UG) & (PG)

Sl. No	Name of the Faculty	Qualification	Designation	D.O.J
8.	Mr.K.Shankar	M. Sc.,	Lecturer	13.06.2011
9.	Mr.K.Palanivel	M. Sc., M. Phil.,	Lecturer	13.06.2011
10.	Ms. S. Neelaveni	MCA.,	Lecturer	06.07.2011
11.	Mr.A. Arun Joseph	MCA.,	Lecturer	**11.07.2011**
12.	Ms.K.P. Mythili	MCA.,	Lecturer	11.07.2011
13.	Mr.A. Kesavamoorthy	M.Sc.,	Lecturer	22.07.2011

Mathematics (UG &PG)

Sl. No	Name of the Faculty	Qualification	Designation	D.O.J
14.	Ms.P.Elakkiya	M. Sc.,	Lecturer	**13.06.2011**

Electronics

Sl. No	Name of the Faculty	Qualification	Designation	D.O.J
15.	Mr.S.Karthikeyan	M.Sc.,	Lecturer	15.06.2011

Business Administration (PG)

Sl. No	Name of the Faculty	Qualification	Designation	
16.	Mr.B.Senthil	MBM., M. Phil	Lecturer	13.06.2011
17.	Ms.D.Praveena Devi	MBA.,	Lecturer	17.06.2011

Business Administration (UG)

Sl. No	Name of the Faculty	Qualification	Designation	D.O.J
18.	**Ms.Sudhaa Chandrasekar**	**MBA., B.L., M.L.,**	**Lecturer**	**13.06.2011**
19.	Ms.D.Suganya Devi	M.Com., M. Phil.,	Lecturer	13.06.2011

Commerce (UG) & (PG)

Sl. No	Name of the Faculty	Qualification	Designation	D.O.J
20.	Dr.S.Maheshkumar	M.Com., MBA., M.Phil., Ph.D.,	SG.Lecturer & Head in-charge Commerce(CA)	13.06.2011
21.	Mr.K.Venkatesh	M.Com., M. Sc (Management)	Lecturer	24.01.2011
22.	Mr.M.Baskar	MBA., M.Phil.,	Lecturer	13.06.2011
23.	Mr.N.Sabeer Mohammed	M.Com.,M.Phil	Lecturer	01.11.2011

20. Teaching and Non-teaching Ratio

The ratio of teaching to non-teaching staff was 0.4 and student teacher ratio was 16.1 during the academic year 2011-12.

21. Library Resource

Sl.No	Particulars	Status
1	Library area in sq.ft	3745.95
2	Seating capacity of the Library	100
3	Library Working Hours	8.00 a.m-8.00 p.m
4	Total No of Books available	26965
5	Journal and Magazine available	151
	Following sections are available in the library	
1	Circulation Services	Yes
2	Periodical Section Services	Yes
6	Research Scholars Section	Yes

7	Current Awareness Services	Yes
8	News Paper Clipping Services	Yes
10	Reprographic Services	Yes
11	Project Reports and Back Volume Section	Yes
12	Reference Services	Yes
13	Discussion Room / Group Study Room	Yes
14	OPAC Facilities (Online Public Access Catalogue)	Yes
	Internet Browsing Facility	
1	Average No of users visiting the Library per day	332
2	Average No of Transactions per day	180

22. New books / Journals

Procurement of Books for the library

Sl.No	Academic Year	Title	Volume	cost
1	2010-2011	1214	1348	3,38784
2	2011-2012	216	233	75,725

Subscription details of Journals / Magazines for the library

Sl. No	Academic Year	Renewal of Subscription	New Subscription	Cost
1	2010-2011	116	16	1,96,475
2	2011-2012	91	04 (e-journals)	7,34,506

23. Students Assessments and feedbacks on faculty members:

Students' feedbacks are received through class committee meeting and through suggestion box. The class committee meetings are conducted thrice in a semester and the student's grievances are addressed. The best, average and below-average students are the members of this committee. The remedial measures for the

feedbacks given during the class committee meetings are discussed during the Department Review Meeting. The feedback and suggestions are considered for implementation.

24. Computerization of administration

The College functions in a fully equipped environment with electronic gadgets such as computers, printers and projectors. The office is a paperless office.

Intranet plays a vital role in making the campus as "paperless campus". All communication is through Intranet and it enables to find and observe information fast. Students can get access to syllabus, Notes, Question Bank, Attendance, Circular, Library books, Examination dates, Events of the week and other academic related information in the campus.

25. Infrastructural facilities

- The College has an air- conditioned Seminar hall and a mini- gallery hall, accommodating nearly 200 and 50 students respectively.
- 2500 members can be accommodated in the College Auditorium.
- Spacious class rooms with good lighting and seating arrangements are available for the students.
- The library upholds nearly 27000 books and 160 Journals and Magazines.
- Few of the class rooms are facilitated with LCD projectors and OHP.
- The students can avail the internet facilities provided by the College.
- Free transportation is available for all students at a radius of 80 km.
- Bank, ATM facility and Post office are available in the campus.
- College canteen works on all working days.
- Hostel facility is available for the students and faculty members, those who are in need.

26. Technology up gradation.

- There are 6 computer labs with 800 systems upgraded with windows 7.
- The Language lab is installed with Hi class software which enables to improve the four essential skills (Listening, Speaking, Reading, and Writing)

of English language. It exposes the students to various dialects of English language.

- Math lab is a unique feature of our College and it consists of Geometric Sketch Pad (GSP) software and manipulative kid which is used to used to draw, measure, drag and animate mathematical sketches. Mathematical models can be built using the manipulative. These mathematical sketches and models can be used to perform some mathematical activities, which are instrumental to explain mathematical concepts. The visual effects provided by the software and hands on experience with models enhance the understanding and creates an interest towards Mathematics.

- The physical science, chemical science and biological science laboratories are equipped with latest equipments for meeting the practical requirements and for research activity.

27. Financial aid to students:

Nature of Scholarship	Year	UG		PG		Amount
		M	F	M	F	
Govt Scholarship for SC/ST candidates	2011-2012	98	27	45	13	951555
	2012-2013	114	25	60	37	823200
Total		212	52	105	50	1774755

28. Activities and support from the Alumni Association.

Several Alumni meets have been organized by individual departments during every academic year since 2009.

29. Activities and support from the Parents –Teachers Association.

The Parents- Teachers meets are organized at the department level by each department. Parents are being informed of the students' academic report, participation in the extracurricular activities, attendance and discipline.

30. Accident Insurance

All the students and faculty members are included in accident insurance scheme.

31. Performance in sports activities:

The Physical Education department and the management have induced the spirit of sportsmanship among the sports students and have trained them efficiently to bring

laurels to the institution. The team has bagged the II prize in the Soft Tennis tournament held at China on 07.10.2011 to 24.11.2011 organized by the International Soft-Tennis Association.

M.M. Vinothkumar of II MBA has been qualified for the All India Athletics tournament to be held at Mangalore from 08.12.2011 to 12.12.2011.The Handball Women team has won the State level tournament and has been adjudged III place, held at Erode on 06.08.2011 organized by Tamil Nadu Handball Association.

Sports Achievements:

S.No	Name of the Competition	Position	Dates	Conducted by
1.	Badminton	I	23.08.11 & 24.08.11	Vijay Vidhyalaya College, Dharmapuri
2.	Table Tennis	I	05.08.11 & 06.08.11	KSRCAS Tiruchengode
3.	Boxing	II	25.08.11	Muthayammal College Rasipuram
4.	Power Lifting	III	05.09.11 & 06.09.11	Muthaymmal College Rasipuram
5.	Handball Women	II	10.09.11 & 11.09.11	Sakthi Kailassh College Salem
6.	Basket ball Women	II	26.09.11 & 27.09.11	Paavai Engineering College, Rasipuram
7.	Handball Men	III	28.09.11 & 29.09.11	Balamurugan College, Mechery
8.	Basket Ball Men	III	30.09.11	Vishwa Bharathi College,Morappur
9.	Badminton	I	12, 13 & 14.09.11	M.G.R. College, Hosur

32. Incentives to sports persons

The institution offers scholarships for the sports students who excel in the field of sports.

33. Student achievements and awards

Our Students have been winning awards and honors and brought laurels to the institution.

- Final year Students of B.A. Tamil Literature won first prize in the poetry competition conducted by Citizen Consumer Club, Namakkal.

- Final year Students of B.A. Tamil Literature won third prize in the state level poetry competition conducted by Ayyanadar Janaki Ammal College, Sivalsi.

- Final year Students of B.A. English Literature has won first and third prize in Quiz Competitions conducted by AVS College of Arts & Science, Salem and Bishop Heber College, Tiruchirappalli.

- Final year Students of B.A. English Literature has won third prize in Mock Skit and first prize in Scrabble conducted by Bishop Heber College, Tiruchirappalli.

- Second year Students of B.Sc Mathematics has participated in Mathematic Training and Talent Search Programme 2011 at Vellalar College for Women, Erode.

- Students of B.Sc Mathematics has won third place in Math Quest 2011 conducted by Vysya College of Arts & Science, Salem.

- Final Year Students of B.Sc Electronics has won best paper award for presenting the paper entitled "Nano Technology" in the National Level Seminar conducted by Christian College of Arts & Science, Kerala.

- Final Year Students of B.Sc Physics won second prize for presenting the paper entitled "Medical application of Nuclear physics in Emerging trends in Life Science-AURORA-2KX1" in the International Level Seminar conducted by Navarasam Arts and Science College for Women, Arachalur, Erode.

- Final Year Students of B.Sc Electronics has won first prize for presenting the paper entitled "Photolithography" in the National Level Seminar conducted by Christian College of Arts & Science, Kerala.

- Final Year Students of B.Sc Electronics has won third prize for presenting the paper entitled "Types of Crystal in Electronics Every way (ELECTROBLIZZ - 2011) conducted by KSG College of Arts & Science, Coimbatore.

- Second year Students of B.Sc Electronics has won second prize for Project Display entitled "Signal Processing and Embedded Networking" conducted by Karpagam University, Coimbatore.

- First year Students of Commerce (CA) has won the Overall Championship and have got first prizes in various events like Product Launching, Mime, and Stress conducted by Sacred Heart College, Thirupatthur.

- Final year Students of Commerce (CA) has won first prize in various events like Corporate Walk, Group Discussion and stress Management conducted by Sacred Heart College, Thirupatthur.

- Final year Students of B.Sc Computer Science and BCA has won first prize in Multimedia and animation conducted by SRM University, Chennai.

- Final year Students of B.Sc Computer Science has won first prize in Web Designing conducted by SRM University, Chennai.

- Final year Students of BBA has won first prize in Paper Presentation for presenting the paper titled "Foreign Direct Investment in Indian Retail Industry" conducted by Erode Sengunthar Engineering College, Erode.

- First year Students of B.Sc TFD has won first prize in Fabric Designing conducted by Vivekanandha College of Arts & Science for Women, Tiruchengode.

- Final year Students of Biochemistry has won first prize in Paper Presentation in the National Level Seminar conducted by Department of Biomedical Science, Bharathiyar University.

- First year Students of Biochemistry has won first prize in Paper Presentation in the National Level Seminar conducted by Kandasamy Kandar College, Velur.

- PG Students of Biochemistry has won first prize in Paper Presentation in the National Level Seminar conducted by Department of Biochemistry, Periyar University, Salem.

- Final year MCA Students has won second prize in Intercollegiate meet conducted by Erode Arts & Science College, Erode.

- Poetry competition was held on 16.07.2011 at Namakkal in District Level in which our student V.Indhumathi – I- BCA- 'C' won the third Prize in District Level. The Prize is amt Rs. 2000/-

- Salem steel Plant "Muthamizh Mandram" Conducted by Literary competition on in which S.Thiravinya (III – Maths) Won the First Prize in state Level for Drawing competition.

- "World consumer day was celebrated on Jan 23rd – 2012 at Namakkal south school. Regarding this celebration they have conducted various competitions and students have Participated in Essay & Poetry Competitions and won the following prizes:
  - Poetry – I Prize - T.Manikandan – III BA (Tamil)
  - Essay – II Prize - K.Nithya – II BA (Tamil)

- "Ayya Nadar Janagi Ammal" College at Sivakasi conducted state Level competition on January 24th, 2012, in which T.Manikandan III BA(Tamil) won the III prize in Poetry competition.

- Intercollegiate meet took place on February 9, 10 – 2012 at Nandha Engineering College in which the following students have won II Prize in Group dance :
  - C.Theodre Tohn Samuel - II B.Com (CA) 'B'
  - K.Vignesh - II B.Com (CA) 'B'
  - P.Shyam Sundar - II B.Com (CA) 'B'
  - L. Manikandan - II TFD

- Inter Collegiate Meet took place on Feb 16th, 2012 at SSM Arts and science College in which the following students have won II Prize in Group dance with cash Prize of Rs. 1000/-
  - C.Theodre John Samuel   -   II B.Com (CA) "B"
  - K.Vignesh   -   II B.Com (CA) "B"
  - P.Shyam Sundar   -   II B.Com (CA) "B"
  - Manikandan   -   II B.Com (CA) "B"
- State Level Inter Collegiate meet took Place on February 27, 2012 at Vellalar College, Thindal in which the following students have won I Prize in Group dance with cash Prize of Rs. 2000/-
  - C.Theodre John Samuel   -   II B.Com (CA) "B"
  - K.Vignesh   -   II B.Com (CA) "B"
  - P.Shyam Sundar   -   II B.Com (CA) "B"
  - Manikandan   -   II B.Com (CA) "B"

34. Activities of the Placement Cell

Training and Placement Cell mainly focuses on guiding career options for students and finding suitable placements for them. The placement cell maintains constant liaison with business houses and industries to secure suitable campus placements.

Activities:

- Maintaining up-to-date database of the final year students to send it to the corporate based on their requirements.
- Training the students on Aptitude, Technical and Interview skills.
- Helping the students in preparing resumes and drafting job applications.
- Arranging On-campus/On-site/Telephonic interviews.
- Bringing corporate people for Guest Lectures to make the students to understand the industry requirements.
- Helping students to attend off-campus interviews.

Facilities:

- Air-Conditioned training hall for regular training during college hours and after college hours.

- Television to view News & knowledge programme.
- DVD Player to view learning tutorials.
- Separate Library with self-development books and competitive examination preparation materials.
- U Table for conduction of Group Discussion.
- Podium for Public Speaking exercise.

35. Placement services provided to students:

Placement services provided to students: (2012 Batch)

S.No	Company Name	Offers
1	ICICI Bank	56
2	WIPRO Technologies	31
3	TCS BPO	31
4	WIPRO Infotech	23
5	DELL	22
6	SAKTHI FINANCE	19
7	MUTHOOT FINCORP	17
8	KEANE	15
9	SUNDARAM DIRECT	15
10	WILLIAMS LEA	14
11	HARVEST	14
12	Reliance HR	11
13	AMBROSIA	7
14	INFOSYS BPO	7
15	Vee Technologies	7
16	DOMINO'S PIZZA	6
17	BLLUE LOTUS	5
18	MAHINDRA FINANCE	5
19	ASPIRE SYSTEM	4

20	FULLERTON	4
21	ARK LOGISTICS	2
22	MCDONALD'S	2
23	AON HEWIT	1
24	AXIS BANK	1
25	Kumaran Systems	1
26	I GATE-PATNI	1
27	SALEM MICROBES(P) LTD	1
28	Point Perfect Transcription Services(PPTS)	1
29	RICH INDIA, SALEM	1
30	AJUBA SOLUTIONS	1
	Total	**325**

36. Development programmes for non- teaching staff.

The non teaching faculty members were exposed to the latest trends in the technical field through awareness programmes on computer skills.

37. Good practices in Academic Planning and execution

37.1 Academic Planning

A Faculty profile comprising the qualification, area of specialization, personal bio-data, is maintained by the HODs. The faculty profile is updated in every academic year based on training, qualification and special courses/ projects completed. The allotment of courses is based on the preferences of the faculty members by which the time table committee prepares the timetable for the classes and for faculty members. Before the commencement of the semester, the timetable along with the list of courses allotted to the faculty is issued by the HOD. The timetable exposes the course name, faculty in charge of the course, day/ time/ day order and hour.

37.2 Course planning

Each and every faculty members of the department has to prepare the course plan of the respective subject handled by them in each semester according to the suggestion

given by the Head of the department concerned. The course plan consists of the list of faculty handling the subjects, Objective of the subject, Topics to be covered, Key Terms, Job opportunities, Text books and reference books, Web references and dates for class test, dates for uploading unit notes, portions for the continuous assessment test, pattern of the question paper, topics and date of submission for the assignments and seminars, class time table, laboratory regulations and other components if any. The first Continuous assessment includes one and half or two units; the second continuous assessment includes the other one and half units or the next two units; the model exam includes all the units. The course plan is approved by the Head of the concerned Department.

37.3 Lesson Planning

The lesson plan is prepared by each faculty for each subject. The lesson plan contains the topics to be covered and the hours allotted for each topic. The lesson plan is calculated for 70 hours, distributing equal amount of hours for each unit. Additional hours are also recorded in the lesson plan as per the topics in the units. Extra coaching classes and tutorials are offered to the mediocre and poor students based on the lesson plan. One and half/ two units have to be completed before the first Continuous Assessment; the other one and half/ other two units have to be covered within the second Continuous Assessment; full syllabus has to be finished before the model examination; any deviation in the coverage of portions has to be reported, explained and recorded in the lesson plan. The lesson plan is checked and verified after every week by the HOD. The lesson plan has to be updated after the approval of the HOD in the intranet.

37.4 Laboratory Planning

The laboratory plan encloses the list of experiments and cycle of experiments.

It also contains the students' list divided into groups. Different groups carry on different experiments based on cyclic order or the same experiment is done by all the students. If the number of students per batch exceeds 25, additional faculty is assigned to support the subject in charge. Laboratory manuals are prepared and maintained in department with the approval of the HOD. The decisions regarding

the laboratory manual is taken by the HOD. Laboratory manuals are not maintained for projects and others.

37.5 Project Work Planning

During the beginning of the semester, guide for the project, is assigned to each student or batch of students by the HOD. The review dates are also informed immediately. Institutional training is also allotted for students if prescribed in the syllabus. The project title is discussed with the guide and the final decision regarding the work is taken mutually between the guide and the student. The project plan is prepared by the class advisor with the name of the student and guide along with the title of the project and is revealed within few days after the commencement of the semester. A project work diary and a project report are maintained by the students to document the progress. The project work diary and report are submitted twice before the completion of the project. Two reviews are conducted domain wise by both internal and external reviewers. A date is mentioned to submit the rough draft to the guide. At least 20 days before the viva- voce examination, the rough draft has to be submitted. The guide has to correct and approve the project at least a week before the viva- voce examination.

37.6 Planning For Offering Optional Group and EDC Courses

The optional courses such as Job Oriented Course (JOC), Non Major Elective course (NMEC) and Inter Department Course (IDC) have to be informed by the class advisor to the students during the beginning of the semester. The students are instructed to select a course from the list of Optional courses. The final list of courses selected by the students is forwarded to the COE Office by the HOD.

37.7 Orientation Programme for Students

During the first semester, in the first week after the reopening of the college, one week orientation programme is organised for the fresher. The parents are invited on the first day of the college, for the introductory session. The orientation programme gives a brief introduction about the college and course. It focuses on the criteria for the completion of the programme, college conventions, library/ hostel provisions and regulations, introduction of recent concepts in various areas, importance of

communication skills and significance of the value education. The students are evaluated through a test conducted for two hours. The score of the students is registered in the students' record. The performance of the students in the tests and the remedial measures, if any, are discussed in the Department Review Meeting (DRM) and the same is recorded in the minutes of the meeting.

37.8 Induction Programme for Faculty Members

The Principal organizes an orientation programme for the newly recruited faculty members at the beginning of the academic year. Relevant information is briefed by the HOD concerned, for the faculty members who are recruited in the middle of the year; they are subjected to participate in the orientation programme organised in the following year. The Orientation Programme is concerned about the conventions of the college, teaching methodology and evaluation pattern.

37.9 Conduct of Theory Class

The lesson plan is utilized to handle classes. Any deviation from the lesson plan is explained and recorded, which in turn is reviewed the HODs once in 15 working days. Alternate arrangements for the classes have to be made by the faculty concerned, if availing casual leave of permission. The alternate arrangements have to be registered in the casual leave application form. The faculty has to get the concurrence of the HOD and the principal while availing leave. All the respective communication regarding casual leave, on duty report has to be uploaded in the intranet.

37.10 Conduct of Laboratory Sessions

At the commencement of each semester, the subject incharge prepares and informs about the list or cycle of experiments to be carried out. The students are divided into groups or batches to carry out the experiment. The laboratory sessions involving software programmes demand separate system for each student. As per the syllabus, the laboratory sessions may vary from two, three and five periods. The students are given laboratory manual containing the experiments of the respective laboratory. An indent slip is required to be given to the laboratory assistant for getting the apparatus or the students are supposed to record the apparatus required in the issue

register to get the apparatus. While returning the apparatus, it has to be enrolled in the issue/ return register. The students are subjected to be with the preparatory record in the observation notebook or the data required are to be prepared in the laboratory classes. The readings are registered in the laboratory record notebook, only after the verification and approval of the working experiment. The laboratory record has to submit at the end of the completion of the experiment as per the date given by the subject incharge for that particular experiment and the marks would be awarded on the respective day itself. The subject incharge shall instruct the absentees to finish the experiment in the revision or extra sessions before the closure of the semester.

37.11 Linkages with other Institutions

Being associated with many Institutions, the college has extended the exposure of the students in various fields. The institution is in association with the Summer India Textile Company, and ICTACT (ICT Academy of Tamil Nadu) where the students are trained.

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Section C

OUTCOMES ACHIEVED BY THE END OF THE YEAR

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1. Quantifiable Objectives

Academic progress:

- The graph of pass percentage has reached to 75 in all the disciplines in the UG and the PG level.

Placement

- The placement training programmes have resulted in 75% of employability in various sectors

Competitive Examinations:

- A minimum of 5 students have qualified in the competitive examinations

Infrastructure:

Library:

In this academic year, 216 titles, 233 volumes of books and 4 journals have been purchased for an amount of rupees around 8,00,000.

Progress in extracurricular activities:

20 Students have represented the college in the national level and one student has brought laurels to the institution by participating in the International level.

Extension Activity:

- The training for the rural school children in the field of Computer (45 hours) has been successfully completed.
- Creating awareness for using electronic equipments for rural school students.
- Creating awareness to village people regarding the handling of Electronics and Electrical Equipments.
- Given training to rural school children in the field of Mathematics using manipulative kits.
- Creating awareness to village people regarding the utilization of bank chalans, opening of account, schemes on deposit etc.

2. Research Activities

In this academic year, 10 faculty have obtained Ph.D degree. 4 faculty have submitted the Ph. D thesis. At present, the college possesses 33 Ph.D degree holders and 167 M. Phil. Graduates. 23 faculty have submitted M.Phil thesis. 4 and 34 faculty are pursuing Ph.D. and M. Phil degree respectively.

3. Result Analysis – Autonomous Results:

Odd Semester (UG)

ODD Semester	Batch: 2011			Semester: 1	
Programme	Total No. of Papers	100%	85 -100%	75 -85%	Less than 75%
B.A TAMIL	9	0	0	6	3
B.A ENGLISH	9	6	0	0	3
B.Sc. MATHEMATICS	9	3	4	0	2
B.Sc. MATHEMATICS COMPUTER APPLICATIONS	9	0	0	0	9

B.Sc. PHYSICS	8	4	1	0	3
B.Sc. ELECTRONICS AND COMMUNICATION	9	2	2	3	2
BACHELOR OF COMMERCE	9	3	4	1	1
B.Com. COMPUTER APPLICATIONS	9	2	6	0	1
B.Sc. COMPUTER SCIENCE	8	1	5	0	2
BACHELOR OF COMPUTER APPLICATIONS	8	3	5	0	0
BACHELOR OF BUSINESS ADMINISTRATION	9	4	3	1	1
B.Sc. TEXTILES AND FASHION DESIGNING	8	0	4	2	2
B.Sc. MICROBIOLOGY	8	5	2	0	1
B.Sc. BIOCHEMISTRY	9	4	3	0	2
B.Sc. BIOTECHNOLOGY	8	5	0	2	1
B.Sc. CHEMISTRY	8	3	2	0	3
TOTAL	13	45	41	15	36

Odd Semester (PG)

ODD Semester	Batch: 2011		Semester: 1	
Programme	Total No. of Papers	100%	85 - 100%	75 - 85%	Less than 75%
M.Com. COMPUTER APPLICATIONS	5	4	0	1	0
M.Sc. MATHEMATICS	5	1	4	0	0
M.Sc. COMPUTER SCIENCE	6	0	6	0	0
MASTER OF BUSINESS ADMINISTRATION	6	0	5	1	0
MASTER OF COMPUTER APPLICATIONS	7	6	1	0	0
M.Sc. APPLIED MICROBIOLOGY	6	2	3	1	0
M.Sc. BIOCHEMISTRY	6	6	0	0	0
M.Sc. BIOTECHNOLOGY	6	2	1	0	3
M.Sc. BIOINFORMATICS	6	0	0	0	6
M.A. ENGLISH	5	2	3	0	0
M.Sc. PHYSICS	0	0	0	0	0
M.Sc. CHEMISTRY	0	0	0	0	0
MASTER OF COMPUTER APPLICATIONS	0	0	0	0	0
TOTAL	58	23	23	3	9

2. Even Semester (UG)

EVEN Semester	Batch: 2011		Semester: 2	
Programme	Total No. of Papers	100%	85 - 100%	75 - 85%	Less than 75%

Programme	Total No. of Papers	100%	85 - 100%	75 - 85%	Less than 75%
B.A TAMIL	6	0	0	5	1
B.A ENGLISH	9	0	6	0	3
B.Sc. MATHEMATICS	10	1	7	0	2
B.Sc. MATHEMATICS COMPUTER APPLICATIONS	10	0	0	0	10
B.Sc. PHYSICS	10	0	5	1	4
B.Sc. ELECTRONICS AND COMMUNICATION	10	1	6	1	2
BACHELOR OF COMMERCE	9	4	3	1	1
B.Com. COMPUTER APPLICATIONS	9	1	5	2	1
B.Sc. COMPUTER SCIENCE	9	1	5	1	2
BACHELOR OF COMPUTER APPLICATIONS	9	2	6	0	1
BACHELOR OF BUSINESS ADMINISTRATION	9	2	6	0	1
B.Sc. TEXTILES AND FASHION DESIGNING	12	0	5	4	3
B.Sc. MICROBIOLOGY	10	2	7	0	1
B.Sc. BIOCHEMISTRY	10	2	5	0	3
B.Sc. BIOTECHNOLOGY	10	7	2	0	1
B.Sc. CHEMISTRY	9	4	1	0	4
TOTAL	151	27	69	15	40

Even Semester (PG)

EVEN Semester	Batch: 2011		Semester: 2	
Programme	Total No. of Papers	100%	85 - 100%	75 - 85%	Less than 75%
M.Com. COMPUTER APPLICATIONS	7	4	3	0	0
M.Sc. MATHEMATICS	7	2	5	0	0
M.Sc. COMPUTER SCIENCE	8	7	1	0	0
MASTER OF BUSINESS ADMINISTRATION	7	0	7	0	0
MASTER OF COMPUTER APPLICATIONS	7	5	2	0	0
M.Sc. APPLIED MICROBIOLOGY	7	6	1	0	0

M.Sc. BIOCHEMISTRY	7	7	0	0	0
M.Sc. BIOTECHNOLOGY	7	0	1	1	5
M.Sc. BIOINFORMATICS	0	0	0	0	0
M.A. ENGLISH	5	3	2	0	0
M.Sc. PHYSICS	0	0	0	0	0
M.Sc. CHEMISTRY	0	0	0	0	0
MASTER OF COMPUTER APPLICATIONS	0	0	0	0	0
TOTAL	62	34	22	1	5

No. of students Passed Out

UG Programme

Programme	Appeared	Passed	Percentage
B.A TAMIL	14	11	78.57
B.A ENGLISH	57	53	92.98
B.Sc. MATHEMATICS	41	35	85.37
B.Sc. MATHEMATICS COMPUTER	39	36	92.31
B.Sc. PHYSICS	34	31	91.18
B.Sc. ELECTRONICS AND COMMUNICATION	39	36	92.31
BACHELOR OF COMMERCE	53	40	75.47
B.Com. COMPUTER APPLICATIONS	179	126	70.39
B.Sc. COMPUTER SCIENCE	134	121	90.30
BACHELOR OF COMPUTER APPLICATIONS	153	128	83.66
BACHELOR OF BUSINESS ADMINISTRATION	87	75	86.21
B.Sc. TEXTILES AND FASHION DESIGNING	39	35	89.74
B.Sc. MICROBIOLOGY	12	12	100.00
B.Sc. BIOCHEMISTRY	19	19	100.00
B.Sc. BIOTECHNOLOGY	31	23	74.19

PG Programme

Programme	Appeared	Passed	Percentage
MASTER OF COMPUTER APPLICATIONS	37	23	62.16
Programme	Appeared	Passed	Percentage
M.Com. COMPUTER APPLICATIONS	24	20	83.33
M.Sc. MATHEMATICS	36	27	75.00

M.Sc. COMPUTER SCIENCE	53	50	94.34
MASTER OF BUSINESS ADMINISTRATION	71	69	97.18
M.Sc. APPLIED MICROBIOLOGY	11	11	100.00
M.Sc. BIOCHEMISTRY	16	16	100.00
M.Sc. BIOTECHNOLOGY	11	10	90.91
M.A. ENGLISH	20	16	80.00

SECTION D

THE IQAC CHALKED OUT THE PLAN OF ACTION FOR 2012-13 BY TAKING TO CONSIDERATION OF THE PLAN OF ACTION OF THE DEPARTMENTS & QUALITY CIRCLES

Segment	Objectives For 2012 -2013	Target
Academic	To enhance the pass percentage in the End Semester examinations	To achieve a pass percentage of Min. 80 in all disciplines and to secure a pass percentage of 80 in all Individual Subjects
	To Upgrade the facilities in the laboratories of all disciplines	• Laboratories: • Computer Science • Life Science • Electronics • Physics • Chemistry • Other Infrastructures
	To improve interaction between the Industry and Institution	• Industrial Visit for science graduates • Minimum of Two Guest lecturers from industrial experts per department

Library	Increase in No. of books / periodicals	An increase in Books and Journals by 5 %
Placement	Increase in No. of placement Programmes	Minimum of 30 to 40 hours of placement training
Admission	Reducing number of vacancies	Less than 5%
Training	Improving the research competency / Awareness of the faculty members in emerging fields	• Facilitating the faculty participation in seminars, conferences, training programmes and to pursue higher studies • Motivating 20% of faculty contribution in research publications • To undergo minimum of 2 training programmes in the related fields

IQAC – Coordinator   **Principal**