

Part-A

The IQAC committee chalked out the following plan of action at the beginning of the current academic year, 2005–2006.

1. Coaching classes for students belonging to minority communities aspiring to enter All India Services are being conducted.
2. Special coaching and preparatory classes have been conducted to the students who failed in the University Exams in order to clear their arrears papers and to improve the results, as instructed by the Inspection Committee of the NAAC.
3. The P.G. Department of Commerce is requested to continue the Accounts Test coaching class for Non-Teaching Staff.
4. In the light of the recommendations made by the Inspection Committee of the NAAC, it has been decided to improve the existing conditions of our College playgrounds.
5. Special coaching classes to facilitate the interested students to appear for the All India Civil Service Examinations (IAS, IPS, etc.,) are being conducted in collaboration with Ann Study Centre, Chennai.
6. The College has applied for affiliation to start M.Sc., Bio-Technology Degree Course in this academic year itself (2005-2006).
7. Applications for minor research projects and proposals for conducting Seminars and Symposia have been submitted to funding agencies through the Principal.
8. The Computer Literacy Programme has been given to the needy Students.
9. Tally Course on Accountancy conducted by the Department of Commerce in collaboration with the PENTASOFT Company is to be continued.

Part B:

1. Activities reflecting the goals and objectives of the institution:

The College decided to apply for affiliation to M.Sc., Biotechnology course with the aim of training youth in need-based job-oriented courses of which Biotechnology is one.

Coaching was given to the selected students belonging to minority communities to appear for Public Service Commission and Competitive Examinations under the Minority remedial classes for minorities sponsored by UGC.

Fee concessions to the economically weaker sections of students to the tune of Rs.49,808/- under the aided stream and Rs.1,56,000/- under unaided stream respectively were given.

2. New academic programmes initiated (UG and PG):

The IQAC recommended the College Management to introduce the following new academic programmes at the earliest.

- a. M.Sc. Bio-Technology
- b. M.Phil., Mathematics
- c. M.Phil., Commerce

The Inspection Committees of the Thiruvalluvar University, Vellore visited the College and assessed the feasibility of granting affiliation for these courses.

3. Innovations in curricular design and transaction:

The Curriculum for all courses, except paper III for M.Phil. courses, is designed by the respective Boards of Studies of the University. The Curriculum for Paper III of M.Phil. courses is designed, based upon the social, industrial, agricultural and employment prospects.

4. Inter-disciplinary programmes started:

Nil

5. Examination reforms implemented:

Does not arise, as ours is an affiliated College.

6. Candidates qualified: NET / SLET / GATE etc.:

Mr. R.Sudhakaran and Mr.S.Syed Musthaq, research scholars in Zoology awarded C.S.I.R.-S.R.F.

7. Initiative towards faculty development programme:

The following staff members have been deputed to undergo Ph.D., Programme under FDP.

- | | |
|--|---------------------------|
| 1. Mr.S.Mohamed Ali, M.Sc., M.Phil., | - Department of Physics |
| 2. Mr.S.Sheik Mansoor, M.Sc., M.Phil., | - Department of Chemistry |
| 3. Mr.S.Abdul Sajid, M.Com., M.Phil., | - Department of Commerce |
| 4. Mr.P.Mohammed Yousuff, M.A., M.Phil., | - Department of Tamil |

8. Total number of seminar / workshops conducted:

The workshop were conducted by the Department of Zoology, Biotechnology Unit, on Molecular Diagnostic Methods from May 12 to May 15 and May 19 to May 22,2005
Number of Participant are Sixteen.

9. Research projects:

a) Newly implemented

Development and Characterization of cell line from grouper (*Epinephelus tauvina*), catfish - DBT, New Delhi - 2006 - 32 lakhs -Three Years - National Centre for Cell Sciences (NCCS), Pune, 2009.

b) Completed

- i. Rapid survey of prevalence and geographical distribution of white spot syndrome virus (WSSV) of shrimp along the coast of India by use of molecular probes – DOD – 2002 to 2005 – 12.5 lakhs – Three years – Center for Biotechnology, Anna University, Chennai – 30-04-2005 – A set of a common primer was designed which detects WSSV without any diagnostic error.
- ii. Development of cell line from SEABASS, funded by DBT, Govt. of India for the period of 3 years from 2003-2006 with the amount of Rs.19 lakhs.

10. Patents generated, if any:

Nil

11. New collaborative research programme:

National Centre for Cell Science (NCCS), Pune - Development and characterization of cell lines from grouper (*Epinephelus tauvina*), carp and catfish.

12. Research grants received from various agencies:

NIL

13. Details of research scholars:**i. M.Phil. Completed**

| S.No. | M.Phil. (Part time - Full time) | Name of candidate | Department | Date of Registration | Field of Specialisation | Publication / Award, if any | Fellowship awarded |
|-------|---------------------------------|--------------------|------------|----------------------|-------------------------|-----------------------------|--------------------|
| 1 | Full Time | Mr.C.Venkatesan | Zoology | Aug. 2004 | Aquaculture | Nil | Nil |
| 2 | Full Time | Mr.A.Ashok Kumar | History | 26.4.2005 | Modern India | Nil | Nil |
| 3 | Full Time | Mr.L.Bharathi Raja | History | 26.4.2005 | Modern India | Nil | Nil |
| 4 | Full Time | Mr.P.Elumalai | History | 26.4.2005 | Modern India | Nil | Nil |
| 5 | Full Time | Mr.D.Kumaran | History | 26.4.2005 | Modern India | Nil | Nil |
| 6 | Full Time | Mr.V.Mathiazagan | History | 26.4.2005 | Modern India | Nil | Nil |
| 7 | Full Time | Mr.S.Ramesh | History | 26.4.2005 | Modern India | Nil | Nil |
| 8 | Full Time | Mr.S.M.Syed Imran | History | 26.4.2005 | Modern India | Nil | Nil |

ii. M.Phil. Undergoing

| S.No. | M.Phil. (Part time - Full time) | Name of candidate | Department | Date of Registration | Field of Specialisation | Publication / Award, if any | Fellowship awarded |
|-------|---------------------------------|-------------------|------------|----------------------|-------------------------|-----------------------------|--------------------|
| 1 | Full Time | Mr.N.Kollaburi | History | 21.11.2005 | Modern India | Nil | Nil |
| 2 | Full Time | Mr.N.Perumal | History | 21.11.2005 | Modern India | Nil | Nil |
| 3 | Full Time | Mr.K.Thirupathi | History | 21.11.2005 | Modern India | Nil | Nil |
| 4 | Full Time | Mr.Md.Umar Farooq | History | 21.11.2005 | Modern India | Nil | Nil |
| 5 | Full Time | Mr.L.Lakmanan | History | 21.11.2005 | Modern India | Nil | Nil |

iii. **Ph.D. Completed :**

| S.No. | Ph.D. (Part time - Full time) | Name of candidate | Department | Date of Registration | Field of Specialisation | Publication / Award, if any | Fellowship awarded |
|-------|-------------------------------|-----------------------|------------|----------------------|-------------------------|--|--------------------|
| 1 | Full time | Mr.K.Yoganadhan | Zoology | 15.11.2001 | Aquaculture | 15* /Best Innovative thesis among the thesis submitted to the University of Madras | JRF, DBT Project |
| 2 | Full Time | Mr. G.Balasubramanian | Zoology | 15.11.2001 | Aquaculture | 15* | JRF, DBT Project |

* Papers published in International Journal

iv. **Ph.D. Undergoing**

| S.No. | Ph.D. (Part time - Full time) | Name of Candidate | Department | Date of Registration | Field of Specialisation | Publication / Award, if Any | Fellowship Awarded |
|-------|-------------------------------|---------------------|------------|----------------------|-------------------------|-----------------------------|---|
| 1 | Full Time | Mr. S.Syed Musthaq | Zoology | 02.06.2003 | Aquaculture | Yes | JRF,DOD Project Tamil Nadu Collegative Education fellowship (05-06) & SRF-CSIR, New Delhi (form 06 onwards) |
| 2 | Full Time | Mr. R.Sudhakaran | Zoology | 02.05.2003 | Aquaculture | Yes | SRF- CSIR, New Delhi (form 06 onwards) |
| 3 | Full Time | Mr. V. Parmaeswaran | Zoology | 12.01.2004 | Aquaculture | Yes | JRF,DBT Project |
| 4 | Full Time | Mr.V.P. Ishaq | Zoology | 12.01.2004 | Aquaculture | Yes | JRF,ICAR Project |
| 5 | Full Time | Mr.S. Rajesh Kumar | Zoology | 19.01.2001 | Aquaculture | Yes | JRF,DBT Project |
| 6 | Full Time | Mr.Sarathi | Zoology | Mar,2005 | Aquaculture | Yes | Nil |

14. Citations index of faculty members and impact factor:

| S.No. | Article Title | Journal Name | Impact Factor | Month | Citation Index |
|-------|---|-------------------------------|---------------|-------|----------------|
| 1 | Establishment and characterization of Ubdua's first marine fish cell line from kidney of sea bass, <i>Lates calcarifer</i> | Aquaculture | 1.673 | Jan | 3 |
| 2 | Variability in the tandem repetitive DNA sequence of white spot syndrome virus (WSSV) genome and suitability of VP28 gene to detect different isolates of WSSV from India | Aquaculture | 1.673 | Jan | Not available |
| 3 | <i>Artemia</i> as a possible vector of <i>Macrobrachium rosenbergii</i> nodavirus (MrNV) and extra small virus transmission to <i>Macrobrachium rosenbergii</i> post-larvae | Diseases of Aquatic Organisms | 1.5 | Jan | Not available |
| 4 | Quantitative assessment of apoptotic hemocytes in white spot syndrome virus (WSSV) – infected penaeid shrimp, <i>Penaeus monodon</i> and <i>Penaeus indicus</i> , by flow cytometric analysis | Aquaculture | 1.673 | Feb | 1 |
| 5 | Experimental transmission of <i>Macrobrachium</i> nodavirus (MrNV) and extra small virus (SSV) in three species of marine shrimp (<i>Penaeus indicus</i> , <i>Penaeus japonicus</i> and <i>Penaeus monodon</i>) | Aquaculture | 1.673 | Feb | Not available |
| 6 | Studies on the inactivation of white spot syndrome virus (WSSV) of shrimp by physical and chemical treatment, and antiviral seaweeds tested in marine and freshwater animal models. | Journal of Fish Diseases | 1.543 | Mar | Not available |

15. Honors / Awards to the faculty:

Dr.A.Saith Sahul Hameed – Best Indian Fisheries Scientist Award, 2005 – Promotional Fishers Graduate Forum, Mumbai – June 2006.

16. Internal resources generated:

Molecular Diagnostic Workshop conducted during May 2005, fees collected of amount Rs.35,000/-

17. Details of department getting SAP, COSIST (ASSIST) / DST.FST, etc. :

Development of Post-Graduate programme during X Plan period for the Department of Zoology from UGC. The following equipments purchased under the scheme.

1. UV Spectrophotometer – (Systronics, India) – Rs.1,52,000/-
2. Co2 Incubator with accessories (Maintenance & Clustering of Fish Cell Line) – (Thermo Electron Corporation, Hong Kong) – Rs.4,00,000/-
3. Freeze Control with accessories (For cryopreservation of Fish Cells) – (Cryologic Pvt.Ltd., Australia) – Rs.6,54,000/-.

18. Community services:

More than one hundred volunteers had donated blood to the needy patients, responding to the SOP (Save Our Patient Calls) from CMC Hospitals, Vellore and the KH Apollo Hospital, Melvisharam..

More than one hundred of our volunteers helped the Police in controlling traffic on festive days at Rathinagiri.

On Saturdays and Sundays, the Volunteers undertook the noble work of cleaning rubbish at Visharam, Vepoor and Ramdoss Nagar.

A ten-day Sepecial Camp was organized at Chakkaramallur and Volunteers took an active part in clearing bushes in and around a local temple that had been deserted for about forty years. The temple was given a white washing by the Volunteers themselves and natives were all praise for them and the Program Officers. The temple would be having its Kumbhabhisekam soon.

All the students of our College are the Members of the Youth Red Cross Society. This Unit had actively involved itself in almost all the social activities.

19. Teachers and officers newly recruited:

New Recruitment Management Teaching Staff :

1. Mr. K.Md Suhail Ahmed (English Dept.)

New Recruitment Non-Teaching Management Staff :

1. Mr. A. Javeed Basha

20. Teaching – Non-teaching staff ratio:

86:36

21. Improvement in the library services:

Process of automation of the library initiated.

22. New books / journals subscribed and their value:

| | |
|---------------------------------|---|
| Total Number of Books Purchased | – 483 : Rs. 68,000/- |
| Journal Subscription | – 20 Journal & Magazines subscriptions are renewed. |

23. Courses in which students assessment of teachers is introduced and the action taken on student feedback:

Student assessment of teacher introduced in the following courses.

- B.A. History / M.A. History
- B.Sc. Zoology / M.Sc. Zoology
- B.Sc. Chemistry / M.Sc. Chemistry
- B.Sc. Maths / M.Sc. Maths

Counseling the concerned teacher by the Principal and HOD's to rectify the shortcomings pointed out by the students.

Such teachers were motivated to come up to the level of teachers upon whom students have expressed very good opinion.

24. Unit cost of education:

Rs. 21,379/- (With Salary)

25. Computerization of administration and the process of admissions and examination results, issue of certificates:

Process of admissions fully computerized. Some aspects of administration also computerized.

26. Increase in the infrastructural facilities:

New buildings have been constructed to accommodate self-financing classes and Departments. A Vehicles Shed has also been constructed.

27. Technology upgradation:

1. UV Spectrophotometer – (Systronics, India) – Rs.1,52,000/-
2. Co2 Incubator with accessories (Maintenance & Clustering of Fish Cell Line) – (Thermo Electron Corporation, Hong Kong) – Rs.4,00,000/-
3. Freeze Control with accessories (For cryopreservation of Fish Cells) – (Cryologic Pvt. Ltd., Australia) – Rs.6,54,000/-

28. Computer and internet access and training to teachers and students:

Computer and Internet access training to teachers and students were given.

29. Financial aid to students:

| Financial aid | 2005-2006 |
|---|---|
| i. Merit scholarship | --- |
| ii. Merit-cum-means | SC – 155 (Rs. 4,85,272) ST - Nil MBC – 335 (Rs.4,59,422) BC – 161 (Rs.1,16,990) Handicap – 4 (Rs.6,450) |
| Any Other iii.92- T.N.E.R. Fee Concession (SC only) | 235 (Rs. 1,60,000) |

Endowment Prizes are given to the top scorers in the University Examinations, every year.

| Endowment Awards | Subjects |
|--|-----------------|
| Janab V.M.Shafiullah Sahib Prize | Mathematics |
| Thiru P.Perumal Mudaliar Cash Prize | Chemistry |
| Tamil Annai Cash Prize | Tamil |
| Pavendar Parisu | Tamil |
| Srimathi Renu Ammal and Sri Raji Mudaliar Cash Prize | Commerce |

DAY COLLEGE (AIDED COURSES)

Fee paid by the management for the year 2005-2006 **Rs.49,808/-**

EVENING COLLEGE (UN-AIDED COURSES)

Fee paid by the management for the year 2005-2006 **Rs.1,56,000/-**

30. Activities and support from the Alumni Association:

DISTRIBUTION OF PRIZES TO STUDENTS

Books worth Rs.4000/- were purchased and distributed as prizes to the toppers in each subject in the University Examinations held in April, 2005 in the Convocation Function of the College held on 01.04.2006.

31. Activities and support from the Parent-Teacher Association:

To be initiated.

32. Health services:

Annual check-up of students who join in the College in the I year (UG & PG) by the College Medical Officer.

Our Medical Officer visits our College hostel at regular intervals.

33. Performance in sports activities:

Mr. Prabu Raj of II B.A. History, secured second place in the Junior State-Level Weightlifting Tournament held at Madurai.

Mr.E.Giri Babu of II B.A. History Mr.Jeelani of II B.C.S., Mr.Sadique Ali of II B.C.A., had the distinction of participating in the State-Level Football Tournament held at Dindigul.

Mr. Balaji of II B.A. History and Mr. Hari Krishnan of I B.Sc., Zoology had the distinction of participating in the State-Level Volleyball Tournament held at Ooty..

Mr. S.Siva, of II M.Com., had been commended for his super performance at the All India Inter-University Level Chess Tournament held at Vellore Institute of Technology, Vellore.

Mr.D.Ezhumalai of I B.A. History, represented our College at the South Zone Inter University Kabaddi Tournament held at Salem.

Mr.R.Naresh of I B.E.S., participated in the South Zone Inter University Ball Badminton Tournament held at Chidambaram.

Mr T.M.Junaid Ahmed,III of B.B.A., Mr.M.Owais Ahmed, of II B.B.A., P.Md.Zaheeruddin of III B.Com., played their part excellently well at the South Zone Inter University Table Tennis Tournament held at Gulbarga in Karnataka.

Mr.D.Sathis Kumar of III B.Sc., Zoology, won high praise at the South Zone Inter University Basketball Tournament held at the University of Madras.

M/s M.Neelamegam,III B.A.History, B.Karthick,III B.A., History, Md.Akbar, III B.Com., and E.Giri Babu of II B.A., History had their participation made in the South Zone Football Tournament held at the Agriculture University in Kerela.

M/s V.Dinakaran,I M.A., History, S.Thiyagarajan,III B.A., History and A.Senthil Kumar of II B.Sc., Computer Science excelled themselves in the South Zone Inter University Cricket Tournament held at the Manipal University, Karnataka.

Mr.D.Tamil Vanan of II B.A., History participated in the South Zone Inter University Hockety Tournament held at the Madurai Kamaraj University, Madurai.

Mr.B.Baskar,III B.A.History & Mr.M.Natarajan,II M.Com., distinguish themselves participating in the All India Inter University Athletic Meet at Tirunelveli.

34. Incentives to the outstanding sports person:

Fee concession are given to two outstanding sports persons.

1. Mr.Baskar – I B.A.History
2. Mr.V.Dinakaran – I M.A.History

35. Student achievements and awards:

Our Chess players, the pride of the Department of Physical Education, bagged the Championship at the Tkhiruvalluvar University, Inter-Divisional Tournament.

Our College foot-ball Team qualified for the quarter finals at the South Zone Level Bertram Football Tournament organized by Loyola College, Chennai.

Our Weight Lifting and Power Lifting Teams came Second at the Thiruvalluvar University, Inter-Divisional Tournaments.

Our Ball Badminton Team came Runner-up at the Thiruvalluvar University, Inter Collegiate Tournament.

Our Football Team Secured Runners-up in the Thiruvalluvar University, Inter-Collegiate Tournament.

Our Table Tennis Team bagged championship at the Thiruvalluvar University Inter-Collegiate Tournament and was Runners-up at the Inter-Divisional Tournament.

Mr.M.Baskar, III B.A.History & Mr.M.Natarajan,II M.Com., had the distinction of proving their mettle at the All India Weight Lifting Competition Sponsored by the G.D. University, Punjab.

Mr.J.Prasath,II M.Com., & J.Hemachandra,III B.A.History, Pocketed the thundering applause in the National Level Power Lifting Competition held at G.D. University, Punjab.

36. Activities of the Guidance and Counselling unit:

1. Coaching classes for TNPSC group IV Competitive Examination were conducted for Minority Students with UGC sponsorship.
2. Newspaper advertisement regarding Employment Opportunities and Higher Studies Information were exhibited in the notice board.
3. Departmental meetings were conducted regarding Career Guidance. Books and Journals were provided for Competitive Examinations.
4. Our students participated the Professional Career Guidance, Exhibition and Symposium conducted by District Employment Office, Vellore at Auxilium College on 06.02.2006.

37. Placement services provided to students:

1. Trans Continental Traders, Recruiting Agents & Consultants from Chennai conducted a Campus Interview in our College on 19-08-2005. About 103 students attended the interview. The following students are short-listed for employment in HCL.

- | | |
|-----------------------------|---------------------------|
| i. Mr.V.Md.Younus | - Chemistry |
| ii. Mr.T.Md.Imdadullah | - Commerce |
| iii. Mr.Kirubanandhan | - Physics |
| iv. Mr.M.Mohammed Ameen | - Chemistry |
| v. Mr.Sabiruddin | - Corporate Secretaryship |
| vi. Mr.Syed Musafeer Ahamed | - Mathematics |
| vii. Mr. V.Selva Ganapathy | - Chemistry |

2. Chemidye Manufacturing Company Pvt.Ltd., Ranipet conducted a campus interview in our College on 20.05.2006, for the post of Lab. Chemist. 5 students of M.Sc., Chemistry 15 students of B.Sc., Chemistry attended the interview. Devakumar and Dhanachezian of M.Sc., Chemistry and 5 students of B.Sc., Chemistry got selected.

3. West Asia Exports & Imports (P) Ltd., Chennai conducted a Campus Interview in our College on 01-05-2006. About 17 students are provisionally selected for pre-employment vocational supervisory training.

- i. Mr.A.Noorullah
- ii. Mr.H.Md.Waseef Junaid
- iii. Mr.A.Abdus Subhan
- iv. Mr.M.Althaf
- v. Mr.A.Raffiq Ahmed
- vi. Mr.S.Mohammed Aliyar

4. Next Input Trend (NIT), Ranipet conducted a Campus Interview in our College on 18-10-2005. About 43 students attended the interview, 4 students were short-listed.

5. The following Companies approached us for placement.

- i. M/s. Smart Billing Services Pvt.Ltd., Vellore.
- ii. Eureka Forbes Limited, Vellore-9.
- iii. South Eastern Roadways, Chennai.
- iv. Reliance Info streams Pvt.Ltd.,
- v. Lapiz Digital Services, SIPCOT, Ranipet.
- vi. Svis Labs Limited, SIPCOT, Ranipet.
- vii. Tata Consultancy Services at VIT Campus.
- viii. Thirumalai Chemicals, SIPCOT, Ranipet.
- ix. Syntel, MNC Software Company, Chennai

38. Development programmes for non-teaching staff:

Information regarding computer Literacy, Tamil test and account test were provided.

39. Healthy practices of the institution:

The Zoology Research Laboratory is being utilized by Poseidon Bio-Tech, Chennai for its research and development activities.

The College has adopted three villages for community oriented development activities. The co-curricular activities of the College are aimed at imparting value-based education, which helps students to prioritise values, face challenges of life and find right direction. It brings out general awareness, inculcates civic responsibilities, motivates community service and develops an all round personality.

The Campus-Parent System and the Students' Grievance Redressal and Welfare Cell help students in finding solutions to their academic and personal problems.

The Career Guidance and Placement Cell organizes get togethers and keeps the students informed about higher studies and job opportunities. The Cell arranges campus interviews for better placement.

Aptitude Tests, oratorical competitions, essay writing competitions, spoken English classes, mock interviews and quiz competitions are conducted at regular intervals for improving the communicative and numerical abilities of students.

40. Linkages development with National / International, academic / Research bodies:

Nil

41. Any other relevant information the institution wishes to add:

- ◆ Although there was a ban of Govt. Recruitment during the year 2005-06, the Management was magnanimous enough to recruit the necessary teaching & non-teaching staff with the payment from the Management funds.
- ◆ Deserving students are encouraged by the Management by way of Scholarships and fee concession.
- ◆ Students are covered under the LIC Accident Group Insurance

Part C

DETAIL PLANS OF THE INSTITUTION FOR THE ACADEMIC YEAR 2006-2007

1. Speeding up the work of automation in the Central Library.
2. Visit by Dr.Sait Shahaul Hameed, Reader in Zoology & Dr.Senthil Kumar, Reader in Zoology to University of Montpellier, France, under the Indo-French Centre for Promotion Advanced Research (IFCPAR) – Project.
3. Visit by Dr. Jeane Rober Bonami & Dr.Jonannes Sri Widada by French Collaborators under- IFCPAR project, to the Department of Zoology.
4. Steps to be taken to introduce certificate and diploma course in Urdu of the Moulana Azad Central University, Hyderabad.
5. Plan to establish a Language Lab to strengthen the communication skills of the students.
6. Motivating the staff members to apply for the projects under Tamil Nadu State. Council for Science and Technology, Chennai and UGC.
7. Improvement in Basket-Ball Court.
8. To apply for UGC grant for add-on course.

Name & signature
of the Co-ordinator, IQAC
(Dr.A.Abdul Rahuman)

Name & Signature
of the Chairperson, IQAC
(Prof. U.Peer)