

## **Part-A**

The IQAC committee chalked out the following plan of action at the beginning of the current academic year, 2007–2008.

1. Planned to submit the Proposals in prescribed formats for Minor/ Major Research Projects to the funding agencies through the Principal.
2. In the light of the recommendations made by the NAAC, Peer Team 2005, it has been decided to improve the existing conditions of the College playgrounds particularly the Kho-Kho Court.
3. Special coaching and preparatory classes will be conducted for the benefit of students who have failed in the University Exams to help them to clear their arrears papers, there by improving the results, as instructed by the Inspection Committee of the NAAC.
4. The P.G. Department of Commerce will be requested to continue the coaching classes for the Account Test and Certificate Course and Orientation Programme in Banking for Non-Teaching Staff.
5. A Computer Literacy Programme has been planned for the needy students.
6. To improve the English language skills of the students, the Management will be requested to establish a language lab for I year students.

## **Part B:**

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

Coaching was given to select students belonging to minority communities to help them appear for the Competitive Examinations conducted by the Tamil Nadu Public Service Commission under the Minority Remedial Class Scheme for the Minorities sponsored by UGC.

Fee concessions to the economically weaker sections of students to the tune of Rs.26,301/- under the aided stream and Rs.1,92,000/- under unaided stream respectively were sanctioned.

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

**Nil**

### **3. Innovations in curricular design and transaction:**

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

Thiruvalluvar University, Vellore is planning to introduce the Choice Based Credit System (CBCS) from the academic year 2008-2009.

### **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.:**

**Nil**

### **7. Initiative towards faculty development programme:**

**Nil**

## **8. Total number of seminar / workshops conducted:**

A National Seminar was conducted by the Department of Urdu, C.Abdul Hakeem College, Melvisharam, on 24<sup>th</sup> of January, 2007, which was sponsored by our Educational Society, the Melvisharam Muslim Educational Society.

## **9. Research projects:**

### **a) Newly implemented**

- Ø Development and Characterization of cell line from Etroplus for virological and toxicological application, funded to the tune of Rs.29.564 by DBT, New Delhi , for a period of three years, in collaboration with the National Centre for Cell Sciences (NCCS), Pune, 2007 - 2010.
- Ø Characterization and development of diagnostics of viral necrosis in seabass (Lates calarifer) and mullet (hufil cephalus) (Dt: 11.09.2007).
- Ø Application of established fish cell lines for evaluating the toxicity of industrial effluents. (A biological alternative to the use of whole animals) (Dt: 28.12.2007)
- Ø A viral survey of marine fishes (Lates calarifer and epinephelus) along the costal lines of India using our established seabass cell lines.

### **b) Completed**

**Nil**

## **10. Patents generated, if any:**

**Nil**

## **11. New collaborative research programme:**

- Ø Etrophus collaborative with NCCS, Pune.
- Ø Characterization and development of diagnostics for viral nervous necrosis in seabass, collaborative with CIBA, Chennai.
- Ø Toxicology, collaborative with NEERI, Chennai.

## 12. Research grants received from various agencies:

Ø MoES – Rs.16.69 lakhs.

## 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.P. Balaji         | Zoology    | 14.11.06             | Endocrinology                                       | Nil                         | Nil                |
| 2     | Full Time                       | Mr. A.Bagavan        | Zoology    | 14.11.06             | Tropical Parasitic Diseases & Biocontrol of vectors | Nil                         | Nil                |
| 3     | Full Time                       | Mr. B. Dhanasekar    | Zoology    | 14.11.06             | Physiology  | Nil                         | Nil                |
| 4     | Full Time                       | Mr. K.R. Sufiyan     | Commerce   | August               | Finance   | Nil                         | Nil                |
| 4     | Full Time                       | Mr. M. Arul          | Commerce   | August               | LIC   | Nil                         | Nil                |
| 4     | Full Time                       | Mr. A. Nzeer Basha   | Zoology    | 14.11.06             | Aquaculture   | Nil                         | Nil                |
| 5     | Full Time                       | Mr. M. Syed Muzammil | Zoology    | 14.11.06             | Organic Farming & vermitechonology                  | Nil                         | Nil                |
| 6     | Full Time                       | Mr. A. Nasar         | Zoology    | 14.11.06             | Biometry  | Nil                         | Nil                |
| 7     | Full Time                       | Mr. A.S. Aleemullah  | History    | 23.05.07             | Women's Education                                   | Nil                         | Nil                |
| 8     | Full Time                       | Mr. S. Elumalai      | History    | 23.05.07             | Rotary Club   | Nil                         | Nil                |
| 9     | Full Time                       | Mr. S. Padmanaban    | History    | 23.05.07             | Women's Education                                   | Nil                         | Nil                |
| 10    | Full Time                       | Mr. V. Sivakumar     | History    | 23.05.07             | Education   | Nil                         | Nil                |
| 11    | Full Time                       | Mr. P. Thangaraj     | History    | 23.05.07             | Social upliftment                                   | Nil                         | Nil                |
| 12    | Full Time                       | Mr. R. Vijayakumar   | History    | 23.05.07             | NAESEY in Vellore                                   | Nil                         | Nil                |
| 13    | Full Time                       | Mr. U.Hari Haran     | Maths.     | 15.11.2006           | Graph Theory  | Nil                         | Nil                |
| 14.   | Full Time                       | Mr. A.Kalimullah     | Maths.     | 15.11.2006           | O.R   | Nil                         | Nil                |
| 15.   | Full Time                       | Mr. V.Krishnamurthy  | Maths.     | 15.11.2006           | Diff. Equation                                      | 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.M.Ganaprakasam | History    | 19.02.2008           | Social Economic         | Nil                         | Nil                |
| 2     | Full Time                       | Mr.S.Mohan Dass   | History    | 19.02.2008           | Education               | Nil                         | Nil                |
| 3     | Full Time                       | Mr.M.Paranthaman  | History    | 19.02.2008           | Social                  | Nil                         | Nil                |

| S.No. | M.Phil.<br>(Part time -<br>Full time) | Name of<br>candidate       | Depart-<br>ment | Date of<br>Registration | Field of<br>Specialisation              | Publication<br>/ Award, if<br>any | Fellowship<br>awarded |
|-------|---------------------------------------|----------------------------|-----------------|-------------------------|---|-----------------------------------|-----------------------|
| 4     | Full Time                             | Mr.R.Ramu                  | History         | 19.02.2008              | Education                               | Nil                               | Nil                   |
| 5     | Full Time                             | Mr.N.Sakthivel             | History         | 19.02.2008              | Social Economic                         | Nil                               | Nil                   |
| 6     | Full Time                             | Mr.G.Sankar                | History         | 19.02.2008              | Social Economic                         | Nil                               | Nil                   |
| 7     | Full Time                             | Mr.R.Soundar Rajan         | History         | 19.02.2008              | Education                               | Nil                               | Nil                   |
| 8     | Full Time                             | Mr.M.Vijayan               | History         | 19.02.2008              | Education                               | Nil                               | Nil                   |
| 9     | Full Time                             | Mr. E.Anbalagan            | Chemistry       | 19.02.2008              | Coordination                            | Nil                               | Nil                   |
| 10    | Full Time                             | Mr. E. Kasi Rajan          | Chemistry       | 19.02.2008              | Polymer                                 | Nil                               | Nil                   |
| 11    | Full Time                             | Mr. J. Md. Mustafa         | Chemistry       | 19.02.2008              | Kinetics                                | Nil                               | Nil                   |
| 12    | Full Time                             | Mr. IPakrudeen             | Chemistry       | 19.02.2008              | Polymer                                 | Nil                               | Nil                   |
| 13    | Full Time                             | Mr. Shafiullah             | Chemistry       | 19.02.2008              | Polymer                                 | Nil                               | Nil                   |
| 14    | Full Time                             | Mr. C. Kamaraj             | Zoology         | 19.02.2008              | Phytochemistry<br>and vector<br>control | 12                                | Nil                   |
| 15    | Full Time                             | Mr. K. Balaji              | Maths.          | 19.02.2008              |   | Nil                               | Nil                   |
| 16    | Full Time                             | Mr. T.H. Mohamed<br>Younus | Maths.          | 19.02.2008              | Stochastic<br>process                   | Nil                               | Nil                   |
| 17    | Full Time                             | Mr. R. Ramesh              | Maths.          | 19.02.2008              | P.D.E.                                  | Nil                               | Nil                   |
| 18    | Full Time                             | Mr. P. Sudhakar            | Maths.          | 19.02.2008              | Neural network                          | Nil                               | Nil                   |
| 19    | Full Time                             | Mr. G. Uma Shankar         | Maths.          | 19.02.2008              | Neural Network                          | Nil                               | Nil                   |
| 20    | Full Time                             | Mr. A. Venkatesan          | Maths.          | 19.02.2008              | Neural Network                          | Nil                               | Nil                   |
| 21    | Full Time                             | Mr. K. Rangarajan          | Maths.          | 19.02.2008              | Stochastic<br>process                   | Nil                               | Nil                   |
| 22    | Full Time                             | Mr. R. Vinoth              | Maths.          | 19.02.2008              | P.D.E.                                  | Nil                               | Nil                   |
| 23    | Full Time                             | Mr. K. Md. Edrees          | Commerce        | 19.02.2008              | Human Resource<br>Management            | Nil                               | Nil                   |
| 24    | Full Time                             | Mr. V. Imtiyas Basha       | Commerce        | 19.02.2008              | Financial                               | Nil                               | Nil                   |
| 25    | Full Time                             | Mr. R. Raj Kumar           | Commerce        | 19.02.2008              | Marketing                               | Nil                               | Nil                   |

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

| S.No. | Ph.D.<br>(Part time -<br>Full time) | Name of<br>candidate | Department | Date of<br>Registration | Field of<br>Specialisation  | Publication<br>/ Award, if<br>any | Fellowship<br>awarded |
|-------|-------------------------------------|----------------------|------------|-------------------------|-----------------------------|-----------------------------------|-----------------------|
| 1     | Full Time                           | Mr. R. Sudhakaran    | Zoology    | 02.05.2003              | Aqaculture<br>Biotechnology | Nil                               | Nil                   |
| 2     | Full Time                           | Mr. V. Parmaeswaran  | Zoology    | 12.01.2004              | Aqaculture<br>Biotechnology | Nil                               | Nil                   |
| 3     | Full Time                           | Mr.S.Syed Musthaq    | Zoology    | 12.01.2004              | Aqaculture<br>Biotechnology | Nil                               | Nil                   |

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                     | Dr.S.Rajesh Kumar  | Zoology    | 10.01.2004           | DNA Vaccine                      | 11                          | DST                |
| 2     | Full Time                     | Dr.M.Sarathi       | Zoology    | 28.03.2005           | Ds RNA Therapy                   | 11                          | DBT                |
| 3     | Full Time                     | Dr.V.P.Ishaq Ahmed | Zoology    | 12.01.2004           | Cell culture                     | 15                          | DBT                |
| 4     | Full Time                     | Dr.C.Venkatesan    | Zoology    | 12.01.2006           | SNAKE VENOM                      | 8                           | CSIR-SRF           |
| 5     | Full Time                     | Dr.M.Ravi          | Zoology    | 20.06.2007           | VIROLOGY                         | 7                           | IFCPAR             |
| 6     | Full Time                     | A.Nazeer Basha     | Zoology    | 14.07.2008           | Fresh water prawn pathology      | 5                           | DBT                |
| 7     | Full Time                     | John Thomas        | Zoology    | 16.10.2007           | Fish Pathogenicity               | 5                           | MoES               |
| 8     | Full Time                     | V.Sarath Babu      | Zoology    | 07.03.2007           | Cell Culture                     | 6                           | Indo-Norway        |
| 9     | Full Time                     | K.S.Nathiga Nambi  | Zoology    | 21.07.2008           | Cell Culture                     | 3                           | DBT                |
| 10    | Full Time                     | Dr.A.Sivaraj       | Zoology    | 23.02.2007           | Animal Physiology                | 25                          | ---                |
| 11    | Full Time                     | Dr.P.Vinoth Kumar  | Zoology    | 02.01.2004           | Animal Physiology                | 13                          | ---                |
| 12    | Full Time                     | Dr.S.Palani        | Zoology    | 14.03.2007           | Animal Physiology & Biochemistry | 21                          | ---                |
| 13    | Full Time                     | Zameer Ahmed       | Zoology    | 21.07.2008           | Animal Physiology & Biochemistry | 6                           | ---                |

**14. Citations index of faculty members and impact factor:**

| S.No. | Author Name / Article Title   | Journal Name          | Impact Factor | Citation Index |
|-------|---|-----------------------|---------------|----------------|
| 1     | <b>Rahuman AA</b> , Gopalakrishnan G, Venkatesan P, Geetha K (2008) Isolation and identification of mosquito larvicidal compound from <i>Abutilon indicum</i> (Linn.) Sweet. Parasitol Res 102(5): 981-988                                      | Parasitology Research | <b>1.721</b>  | <b>15</b>      |
| 2     | <b>Rahuman AA</b> , Gopalakrishnan G, Venkatesan P, Geetha K (2008) Larvicidal activity of some Euphorbiaceae plant extracts against <i>Aedes aegypti</i> and <i>Culex quinquefasciatus</i> (Diptera: Culicidae). Parasitol Res 102(5): 867-873 | Parasitology Research | <b>1.721</b>  | <b>19</b>      |
| 3     | <b>Rahuman AA</b> , Venkatesan P (2008) Larvicidal efficacy of five cucurbitaceous plant leaf extracts against mosquito species. Parasitol Res 103: 133-139   | Parasitology Research | <b>1.721</b>  | <b>16</b>      |
| 4     | <b>Rahuman AA</b> , Venkatesan P, Gopalakrishnan G (2008) Mosquito larvicidal activity of oleic and linoleic acids isolated from <i>Citrullus colocynthis</i> (Linn.) Schrad. Parasitol Res 103: 1383-1390                                      | Parasitology Research | <b>1.721</b>  | <b>13</b>      |
| 5     | Bagavan A, <b>Rahuman AA</b> , Kamaraj C, Geetha K (2008) Larvicidal activity of saponin from   | Parasitology Research | <b>1.721</b>  | <b>11</b>      |

| S.No. | Author Name / Article Title  | Journal Name                          | Impact Factor | Citation Index                |
|-------|--|---------------------------------------|---------------|-------------------------------|
|       | <i>Achyranthes aspera</i> against <i>Aedes aegypti</i> and <i>Culex quinquefasciatus</i> (Diptera: Culicidae). Parasitol Res 103: 223–229  |                                       |               |                               |
| 6     | Kamaraj C, <b>Rahuman AA</b> , Bagavan A (2008) Antifeedant and larvicidal effects of plant extracts against <i>Spodoptera litura</i> (F.), <i>Aedes aegypti</i> L. and <i>Culex quinquefasciatus</i> Say. Parasitol Res 103 (2): 325-331                            | Parasitology Research                 | <b>1.721</b>  | <b>14</b>                     |
| 7     | Kamaraj C, <b>Rahuman AA</b> , Bagavan A (2008) Screening for antifeedant and larvicidal activity of plant extracts against <i>Helicoverpa armigera</i> (Hübner), <i>Sylepta derogata</i> (F.) and <i>Anopheles stephensi</i> (Liston). Parasitol Res 103: 1361–1368 | Parasitology Research                 | <b>1.721</b>  | <b>9</b>                      |
| 8     | <b>Rahuman AA</b> , Venkatesan P, Geetha K, Gopalakrishnan G, Bagavan A, Kamaraj C (2008) Mosquito larvicidal activity of gluanol acetate, a tetracyclic triterpenes derived from <i>Ficus racemosa</i> Linn. Parasitol Res 103(2): 333-339                          | Parasitology Research                 | <b>1.721</b>  | <b>10</b>                     |
| 9     | <b>Rahuman AA</b> , Gopalakrishnan G, Venkatesan P, Geetha K, Bagavan A (2008) Mosquito larvicidal activity of isolated compounds from the rhizome of <i>Zingiber officinale</i> . Phytother Res 22(8): 1035-1039  | Phytotherapy Research                 | <b>1.746</b>  | <b>8</b>                      |
| 10    | Screening the antiviral activity of Indian medicinal plants against white spot syndrome virus in shrimp. 2007  | <i>Aquaculture</i>                    | 1.735         | 5(2008)<br>3(2009)            |
| 11    | Experimental vertical transmission of <i>Macrobrachium rosenbergii</i> nodavirus (MrNV) and extra small virus (XSV) from brooders to progeny in <i>Macrobrachium rosenbergii</i> and <i>Artemia</i> 2007   | <i>Journal of Fish Diseases</i>       | 1.5           | 3(2009)<br>1(2010)            |
| 12    | Tolerance to white spot syndrome virus (WSSV) in the freshwater prawn <i>Macrobrachium rosenbergii</i> is associated with low VP28 envelope protein expression. 2007   | <i>Diseases of Aquatic Organisms</i>  | 1.6           | 1(2008)                       |
| 13    | Protective efficiency of DNA vaccination in Asian Seabass ( <i>Lates calcarifer</i> ) against <i>Vibrio anguillarum</i> . 2007   | <i>Fish and Shellfish Immunology</i>  | 3.2           | 5(2008)<br>3(2009)            |
| 14    | Development and Characterization of Two New Cell Lines from Milkfish ( <i>Chanos chanos</i> ) and Grouper ( <i>Epinephelus coioides</i> ) for Virus Isolation. 2007  | <i>Marine Biotechnology</i>           | 2.503         | 2(2008)<br>3(2009)            |
| 15    | Development of a Pluripotent ES-like cell line from Asian sea bass ( <i>Lates calcarifer</i> ) -An oviparous stem cell line mimicking viviparous ES cells. 2007  | <i>Marine Biotechnology</i>           | 2.503         | 1(2008)                       |
| 16    | <i>In vitro</i> replication of <i>Macrobrachium rosenbergii</i> noda virus (MrNV) and extra small virus (XSV) in C6/36 mosquito cell line. 2007  | <i>Journal of Virological methods</i> | 2.1           | 1(2008)<br>1(2009)            |
| 17    | Comparative study on immune response of <i>Fenneropenaeus indicus</i> to <i>Vibrio alginolyticus</i> and white spot syndrome virus. 2007   | <i>Aquaculture</i>                    | 1.735         | 6(2008)<br>1(2009)<br>2(2010) |
| 18    | Silencing VP28 gene of white spot syndrome virus of shrimp by bacterially expressed dsRNA.   | Marine Biotechnology                  | 2.503         | 3(2008)<br>5(2009)            |

| S.No. | Author Name / Article Title   | Journal Name   | Impact Factor | Citation Index |
|-------|---|--|---------------|----------------|
|       | 2007  |  |               | 1(2010)        |
| 19    | Nazeer Basha. A., et al., 2007. Special imaginary roots of BKM Lie superalgebras. International, 38 (4): 513-542  | <i>Journal of Pure and Applied Mathematics</i>   |               |                |
| 20    | <b>A.Mohamed Ali</b> , N.Arunai Nambi Raj, S.Kalainathan and P.Palanichamy – Ultrasonic studies on artificial kidney stone models –28 (2006) 73-80.   | <i>Journal of Pure and Applied Ultrasonics</i>   |               |                |
| 21    | <b>A.Mohamed Ali</b> , N.Arunai Nambi Raj, Jacob Philip and Nisha — proceedings, NSU-XVIII.   | <i>Thermal diffuribility of natural and artificial urinary stones using photo acoustic technique</i> |               |                |
| 22    | <b>Anver Basha, K</b> , Balakrishnan, T, Urzua, M, Leiva, A., Gargallo, L., and Radic, D., (2006). Copolymers of Phenoxy ethyl Methacrylate with N-Vinyl-2-pyrrolidone: Synthesis, Characterization and Reactivity Ratios.. A.43, 10. | <i>Journal of Macromolecu lar Science- Pure and Applied Chemistry</i>                                |               |                |

**15. Honors / Awards to the faculty:**

Dr.G.Balasubramaniam, Ph.D., Department of Zoology, bagged the Young Scientist Award from the Department of Science and Technology, Government of India, New Delhi.

**16. Internal resources generated:**

Nil

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

Nil

**18. Community services:**

“Healthy Youth for Healthy India” formed the theme for this year (2007–2008) also. Our NSS volunteers had made tremendous work this year winning more appreciation.



The thorny bushes and grasses in the quadrangles of our College building were removed and the garden was renovated with the addition of few more saplings. As a part of the “Tree Plantation Programme”, saplings were planted inside the College campus.

A general “Dental checkup” was organized in our College campus for the benefit of the students in association with Sathya Dental Hospital, Kilvisharam, Oral hygiene solutions were distributed free of cost to the students during the dental camp. Apart from this, a ‘general health check up’ was carried out for the students of both I UG and PG classes.

An ‘Intercollegiate Voluntary Blood Donation Camp’ was organized in our College in association with the District Blood bank, Govt. Medical College and Hospital, Vellore and the Primary Health Centre, Melvisharam. Nearly 85 students and non-teaching staff had donated blood.

The NSS volunteers had regularly donated blood to the needy patients in the Christian Medical College and Hospital, Vellore; Apollo KH Hospital, Melvisharam; Meenakshi Medical College & Hospital, Kancheepuram and Arignar Anna Government Cancer Hospital, Kancheepuram.

To encourage communal harmony among the people, the NSS volunteers had rendered their services outside the college campus also. During the ‘Adi Kirithigai’ festival at Rathnagiri Balamurugan temple, nearly 100 volunteers had regulated the traffic. The various premises of temples, churches and mosques in and around Melvisharam town were cleaned, and saplings were planted inside the premises.

As a part of ‘Leadership Development Programme’ N.Mohamed Imran, I.Khalilullah, H.Ibrahim of III B.Com. and V.Saravanan, R.Iyyappan, P.Arun, K.Sathish and Nirmal Kumar of II B.A.History had participated as “Peer Leaders” in the ‘AIDS AWARENESS PROGRAMME’ conducted at State Level by the ‘Tamil Nadu Aids Control Society, Chennai and Thiruvalluvar University, Vellore. The NSS volunteers had participated in various competitions conducted by the Colleges in Vellore District and won prizes.

A 10 day Special Camp was conducted at ‘Anaimallur Village, Timiri Block’ from 25<sup>th</sup> January to 3<sup>rd</sup> February, 2008. A school play ground was made ready by clearing thick and thorny bushes. Both the main roads and by lanes of the villages were cleaned and the potholes were sealed. Several temple premises were cleaned off with bushes and the

premises were levelled for better utilization by the public. Sewage canals and obstructed water bodies were cleared for better running of water and to destroy mosquito breeding centers. Natives of Anaimallur and Kavanur villages were apprised of maintaining cleanliness. The premises of Primary Health Centre, Television Room, and Adi-Dravida colonies were cleaned.

The 'Republic Day' was celebrated with the school children of Anaimallur Panchayat Union School. The NSS volunteers were enlightened on their personal behaviour with lectures delivered by scholars and personal discussions by experts during the camp.

All the activities of the college NSS were highlighted by the Press and by the local T.V. Network, 'NAN TV'.

The college Red Ribbon Club rendered yeomen service by answering to the blood needs of patients in nearby hospitals.

Guest lecture by Mr.Muthiaha, Project Co-ordinator, Red Ribbon Club, Thiruvalluvar University, was organized to create an awareness on blood, eye and organ donations.

## **19. Teachers and officers newly recruited:**

### Recruitment of new Teaching Staff :

1. Mr. P.Ashraf Ali Khan (English Dept.)
2. Mr. K.Md Suhail (English Dept.)
3. Mr. S.Khaja Moideen (History Dept.)
4. Mr. M.Jailabdeen (Economics Dept.)
5. Mr. Sheik Mathar Mydeen (Maths. Dept.)
6. Mr. J.Fayajul Arifeen (Physics Dept.)
7. Mr. R.Nasir Ahmed (Chemistry Dept.)
8. Dr. R.Rafi Mohamed (Zoology Dept.)
9. Dr. M.Jamal Mohamed (Zoology Dept.)

### Recruitment of new Non-Teaching Staff :

1. Mr. M.D. Suhail (Lab. Assistant)
2. Mr. T.Althaf Hussain (Library Assistant)

## **20. Teaching – Non-Teaching staff ratio:**

**72:26**

**21. Improvement in the library services:**

Automation of Central Library was completed. New shelves purchased for keeping new arrivals.

**22. New books / journals subscribed and their value:**

|                                 |  |
|---------------------------------|--|
| Total Number of Books Purchased | – 487 : Rs. 78,500/-                                     |
| Journal Subscription            | – Subscriptions were renewed for 21 Journals & Magazines |

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

Student assessment of teacher has been introduced in the following courses:

B.A. History / M.A. History

B.Com. / M.Com.

B.Com. C.S.

B.Sc. Maths / M.Sc. Maths

B.Sc. Chem / M.Sc. Zoo.

B.Sc. Physics

Concerned teachers had been counselled by the Principal and HODs to rectify the shortcomings pointed out by the students.

Such teachers had been motivated to rise up to the level of teachers who had been commended by the student community.

**24. Unit cost of education:**

Rs. 23,515/- (With Salary)

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

Mechanism of admission and administration fully computerized.

**26. Increase in the infrastructural facilities:**

Progress in the establishment of the Multi Media Room in the college campus.

## 27. Technology upgradation:

| Name of the Instrument                                      | Quantity | Model & manufacture | Date of purchase | Uses of the Instrument                                |
|---|----------|---------------------|------------------|---|
| P <sup>H</sup> meter  | 1        | Elico               | 18/08/2007       | Determination of P <sup>H</sup>                       |
| Binocular Microscopes                                       | 7        | Labomed             | 06/11/2006       | Visualizing small objects for naked eye.              |
| Florescence Inverted microscope Germany                     | 2        | Carll Zeiss         | 15/11/2007       | Observing microscopic specimens                       |
| Liquid Nitrogen storage vessel.                             | 1        | Thermo              | 15/11/2007       | Storing cells under low temperature                   |
| Ultra centrifuge  | 1        | Beckman             | 15/11/2007       | Separation of biological samples                      |
| Thermostat Plus   | 1        | Eppendorf           | 15/11/2007       | Maintaining the fixed temperature for cDNA conversion |
| Biophotometer.  | 1        | Eppendorf           | 15/11/2007       | Quantification of biological samples                  |
| FCL-8800 Freezer control.                                   | 1        | Blue Star           | 15/11/2007       | Storing the biological samples                        |
| Deep freezer (-80°C)  | 1        | ILE Co.,            | 15/11/2007       | Storing the biological samples                        |
| CO <sub>2</sub> Hepa filtered single chamber with incubator | 1        | Thermo              | 15/11/2007       | Used in culturing animal cells                        |
| Eppendorf Master cycler.                                    | 1        | Eppendorf           | 15/11/2007       | Amplify the DNA samples                               |
| Digital Camera  | 3        | Nikon               | 15/11/2007       | Photography   |
| Osmometer, Germany.   | 1        | Monotech            | 15/11/2007       | To check the osmotic condition of the media           |
| BOD incubator   | 4        | ILE & Co.,          | 06/11/2007       | Culturing of Animal Cells                             |
| Spectrometer  | 2        | Weswox              | 22/03/2007       | For light experiments                                 |
| IC Regulated Power Supply                                   | 4        |                     | 23/03/2007       | For Ballastic Galvonometer Experiments                |
| Lamp & Scale for B.G.                                       | 1        |                     | 23/03/2007       | For Ballastic Galvonometer Experiments                |

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

Provided net facilities to the Central Library and all the P.G. Departments. Computers were provided to some U.G. and Language Departments. Periodical training was given to faculty and students based upon their needs.

## 29. Financial aid to students:

| Financial aid 2008-2009                              |       | No. of Scholarships | Amount in Rs. |
|--|-------|---------------------|---------------|
| i. Merit scholarship                                 | ---   | ---                 | ---           |
| ii. Merit-cum-means                                  | SC/ST | 233                 | 6,56,130      |
|  | MBC   | 227                 | 2,17,022      |
|  | BC    | 352                 | 2,96,492      |
| iii. Beedi worker Scholarship                        | ---   | ---                 | ---           |
| iv. Education Loan Scholarship (Special Scholarship) | ---   | 12                  | 78,000        |
| v. Farmer Scholarship                                | ---   | 01                  | 1,750         |
| 92- T.N.E.R. Fee Concession (SC only)                | ---   | 35                  | 23,500        |

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

| S.No. | Endowment Awards  | Subjects    |
|-------|---|-------------|
| 01.   | Janab V.M.Shafiullah Sahib Memorial Cash Prize                | Mathematics |
| 02.   | Thiru P.Perumal Mudaliar Memorial Cash Prize                  | Chemistry   |
| 03.   | Tamil Annai Cash Prize  | Tamil       |
| 04.   | Pavendar Parisu   | Tamil       |
| 05.   | Srimathi Renu Ammal and Sri Raji Mudaliar Memorial Cash Prize | Commerce    |
| 06.   | Janab C.K.U.Abdul Latheef Sahib Memorial Cash Prize           | Mathematics |
| 07.   | Mr.J.P.Thomas Memorial Cash Prize                             | Zoology     |

### DAY COLLEGE (AIDED COURSES)

Fee paid by the Management during 2007-2008: **Rs.26,301/-**

### EVENING COLLEGE (UN-AIDED COURSES)

Fee paid by the Management during 2007-2008: **Rs.1,92,000/-**

## 30. Activities and support from the Alumni Association:

More than 50 Alumni Association Members were present at the meeting conducted in the month of March 2008, and decided to distribute files, each worth Rs.25/-, to all the 450 New Graduates on the Convocation Day to preserve their diplomas. A water cooler worth Rs.48,000/- was donated by the Alumni Association for the use of students and staff.

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

**Nil**

### **32. Health services:**

Annual check-up of students who were admitted in the I year UG & PG courses by the College Medical Officer.

The college Medical Officer visits the hostel at regular intervals to check the health condition of the boarders.

### **33. Performance in sports activities:**

Mr. R. Krishnamoorthy of III B.A. History, lifted the Silver Medal in the State-Level Boxing Tournament held at Vellore and qualified for the National Team in the light of his marvellous performance.

Mr. S. Akbar Khan of II B.A. History secured First Place in the Sub-Junior State-Level Weight Lifting Tournament held at Mannargudi.

Mr. P. Vivek of III B.A. History and Mr. K. Saravanan of I B.A. History had the distinction of participating in the Sub-Junior State-Level Football Tournament held at Neyveli. He had his merit put to test in the Junior State Level Football Tournament held at Nagerkoil.

Mr. D. Ezumalai of III B.A. History, Winner in the State-Level Dodge Ball Tournament held at Arakkonam, had participated in the National Level Tournament held in Chandigarh.

Mr. Bhuvanasunder of II M.A. History, participated in the Senior State Level Dodge Ball Tournament held at Arakkonam.

The Table Tennis Team was the Runners-Up in the Inter-Collegiate Tournament and the same Team came Runners-Up in the Inter-Divisional Tournament.

The Handball Team was the Winner in the Thiruvalluvar University Inter-Collegiate Tournament.

The Football Team was the Second Best in the Thiruvalluvar University Iner-Collegiate Football Tournament.

The Weight Lifting, Best Physique and Power Lifting Teams secured overall Championship at the Thiruvalluvar University Inter-Divisional Tournament.

The Kabaddi Team were the Winners in the Thiruvalluvar University Inter-Collegiate Tournament and the same Team came Runners-up in the Thiruvalluvar University Inter-Divisional Kabaddi Tournament.

The College Cricket Team lifted the Winners Trophy at the District Level Inter-Collegiate Cricket Tournament held at V.I.T. University, Vellore.

The Volleyball Team secured the First Place in the District Level Inter-Collegiate Volleyball Tournament held at V.I.T. University, Vellore. The same Team excelled itself most honourably by securing the 4<sup>th</sup> Place in the Riviera – 2008, International Sports Meet, colourfully brought up by the V.I.T., University, Vellore.

The Hockey Team was the Runner-Up in the Thiruvalluvar University Inter-Collegiate Tournament.

The Ball badminton team came Runner-Up in the Thiruvalluvar University Inter-Collegiate Tournament and the same Team was the Winner in the Thiruvalluvar University Inter-Divisional Tournament.

Mr. P. Vivek of III B.A. History, played his part excellently well at the South-Zone Inter-University Football Tournament held in Chennai.

Mr. A. Balaji of III B.Sc. Zoology participated in the South-Zone Volleyball Tournament held at Nellore in Andhra Pradesh.

Mr. S.U. Imthiyaz of III B.Com. had his participation made in the South-Zone Handball Tournament held in Andhra Pradesh.

Mr. S. Akbar Khan of II B.A. History and Mr. M. Karthick of I B.A. History had participated in the All India Inter-University Weight Lifting Tournament held in Anandapur Sahib in Amritsar.

Mr. D. Elumalai of III B.A. History, Mr. Thirumal of III B.Sc. Physics, Mr. C. Iyyappan of II B.A. History and Mr. M. Madivanan of II B.A. History, had their participation made in the South Zone Inter-University Kabaddi Tournament held at Salem.

Mr. A. Joseph Rajkumar of III B.A. History and Mr. Pasalai Raj of III B.A. History had their participation made in the South-Zone Inter-University Cricket Tournament held in Chennai.

Mr. L. Aswin Kumar of III B.Sc. Computer Science had the golden opportunity of participating in the South Zone Inter-University Table Tennis Tournament held at V.I.T., University, Vellore.

Mr. Venkatesan of III B.Sc. Chemistry, had participated in the All India Inter-University Chess Tournament held at Kanpur.

#### **34. Incentives to the outstanding sports person:**

**Nil**

### 35. Student achievements and awards:

| S.No. | Name of Student               | Achievements/Awards<br>(Inter-Collegiate<br>Competitions)                                   | Awarded by                                   |
|-------|-------------------------------|---|--|
| 01.   | Mr.K.Aswin                    | Oratorical – First Prize  | Sacred Heart College,<br>Tiruppathur.        |
| 02.   | Mr.D.Rajkumar                 | Oratorical – Second Prize   | Sithisvar Polytechnic<br>College, Arcot.     |
| 04.   | Mr.K.Aswin                    | Oratorical – Second Prize<br>& Silver Cup   | District Collector,                          |
| 05.   | Mr.D.Rajkumar                 | Poem Composing Contest<br>– First Prize   | C.Abdul Hakeem College,<br>Melvisharam       |
| 07.   | Mr.A.Naveen<br>Kumar          | Short Story Competition –<br>Second Prize   | C.Abdul Hakeem College,<br>Melvisharam       |
| 08.   | Mr.K.Aswin                    | Bagged the First Prize in<br>the State Level<br>Examination in English on<br>Vegetarianism  | Karuna International,<br>Chennai.            |
| 09.   | Mr.S.Md.Huzaifa               | Bagged the Second Prize<br>in the State Level<br>Examination in English on<br>Vegetarianism | Karuna International,<br>Chennai.            |
| 10.   | Mr.R.Sugumar &<br>Mr.R.Kareem | Pocketed Individual Prizes<br>in the State Level Exam in<br>English                         | The Ahimisa Research<br>Foundation, Chennai. |

### 36. Activities of the Guidance and Counselling Unit:

- Ø Mr.Harikrishnan of Commerce, Mr. G.Padmanabhan of Chemistry and Mr.Sakthivel of Physics were recruited by M/s.Thirumalai Chemicals.
- Ø Mr. I. Riyaz Basha and T.Prem Kumar of Physics joined LAP-ROSS Engineering Ltd., as Trainees.
- Ø An Exhibition on Career Guidance and a Seminar on employment opportunities were staged by the District Employment Officer, Thiru.S.Ramamoorthy. Most distinguished Collector, Monsieur Dharmendra Pratap Yadav, I.A.S., declared the Exhibition open and delivered the Inaugural Address, studded with Emeralds of wisdom and Rubies of advice.
- Ø Coaching classes for TNPSC group IV Competitive Examination were conducted for Minority Students with UGC's financial assistance.
- Ø Newspaper advertisements on Employment Opportunities and Higher Studies were displayed on the college notice board.
- Ø Departmental meetings were conducted regarding Career Guidance. Books and



Journals were provided for Competitive Examinations.

- Ø Departmental meetings were conducted on career guidance.
- Ø Books and Journals were provided to students preparing for competitive examinations.

### **37. Placement services provided to students:**

- Ø Some of our Students are getting recruited every year in the Interviews conducted by Wipro, Infosys, Eureka Forbes, Servion Global Solutions, Shriram Valve Services, CICADA Solutions, Thirumalai Chemicals and LAP-ROSS Engineering Limited.
- Ø Mr. R.Naresh of III B.Sc. Electronic Science, got selected in the Interview conducted by Infosys.
- Ø Mr. S.P.Md.Asif of III B.C.A. successfully found his berth in Wipro.

### **38. Development programmes for non-teaching staff:**

Special coaching classes were conducted for Accountancy, Computer Literacy and Tamil language competency.

### **39. Healthy practices of the institution:**

A Ten-Day Camp was pitched at Anaimallur Village in Timiri Taluk and the Volunteers had a hectic schedule of clearing the thorny bushes in temple and school premises. A Playground for school children was made ready and the main roads and bylanes were cleared off their din and dirt. The filthy surroundings of the Primary Health Centre, the colony of Adi Dravidars and the T.V.Centre had been given a boost to the best satisfaction of the natives of Anaimallur and Kavanoor Villages.

The Zoology Research Laboratory had provided facilities to Poseidon Bio-Tech, Chennai, for its research and development activities.

The College had adopted three villages for community-oriented development activities. The co-curricular activities of the College were aimed at imparting value-based education which would help students to prioritise values, face challenges of life and find the right direction. They would bring out general awareness, inculcate civic responsibilities, motivate community service and develop an all round personality.

The Tutorial System and the Students' Grievance Redressal and Welfare Cell helped students in finding solutions to their academic and personal problems.

The Career Guidance and Placement Cell organized get togethers and kept the students informed about higher studies and job opportunities. The Cell arranged campus interviews for better placement.

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

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

**International:**

Dr. Simon,  
University of Kaiserslautern,  
Kaiserslautern 67663,  
Germany.

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

- ◆ Students were motivated to the duty of fulfilling their social responsibilities in the wider perspective of social welfare.
- ◆ Members of the college service-oriented clubs were imparted training in citizenship roles and leadership abilities.
- ◆ Inter-Class essay and oratorical contests had been organized to promote sociability.
- ◆ Slow-Learners were paid an extra attention to help them to meet the academic expectations of the Examiners.

## **Part C**

### **DETAIL PLANS OF THE INSTITUTION FOR THE ACADEMIC YEAR 2008-2009**

1. To motivate the staff members to apply for the projects under Tamil Nadu State Council for Science and Technology, Chennai and UGC.
2. To apply for UGC grant for add-on courses.
3. To establish a new Computer Laboratory in the new block.
4. To renovate the Student Centre.
5. To apply for affiliation of Ph.D., courses in Commerce and Chemistry.
6. To plan to construct a new hostel building.

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

Name & Signature  
of the Chairperson, IQAC  
(Dr.S.Mohammed Yousuff)