

## **Part-A**

The IQAC committee chalked out the following plan of action at the beginning of the current academic year, 2008–2009.

1. To apply for Minor/ Major Research Projects and to send proposals to funding agencies through the Principal for conducting Seminars and Symposia.
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 Volley Ball Court.
3. To conduct special coaching and preparatory classes for the students who fail in the University Exams to help them to clear their arrears papers and to improve the results, as instructed by the Inspection Committee of the NAAC.
4. To plan a computer literacy programme for the needy students.
5. It is decided to request the Management to establish a language lab to improve students' communication skills in English.
6. To establish a new Computer Laboratory in the new block.
7. To take steps to renovate the Student Centre.
8. To apply and obtain affiliation for Ph.D., courses in Commerce and Chemistry.
9. To plan to construct a new hostel building.

## **Part B:**

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

The College had decided to apply for affiliation of Ph.D., course in Chemistry and Commerce with the sole aim of imparting training to youth in need-based job-oriented courses.

Select students belonging to minority communities had been given special coaching to fair well in the Competitive Examinations under the Minority Remedial Class for Minorities, sponsored by UGC.

Fee concessions to the economically weaker sections of students to the tune of Rs.25,057/- under the aided stream and Rs.1,78,000/- 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 concerned, based upon the social, industrial, agricultural and employment prospects.

The Choice Based Credit System (CBCS) had been introduced in all courses by Thiruvalluvar University, Vellore.

### **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 seminars / workshops conducted:**

NIL

**9. Research projects:**

**a) Newly implemented**

Ø Antimalarial activity of isolated compounds from indigenous plant extract against *Plasmodium falciparum* funded by UGC for Rs.8,27,800/-.

Ø Development of antiviral therapy using double stranded RNA (ds RNA) against shrimp viruses, WSSV, MBV, and HPV (Dt: 04.01.2008).

**b) Completed**

Nil

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

Nil

**11. New collaborative research programme:**

Ø Development of antiviral therapy using dsRNA, collaborative with CIBA, Chennai.

**12. Research grants received from various agencies:**

Ø DBT – Rs.108.42 lakhs (2008 – 2010)

**13. Details of research scholars:**

**i. M.Phil. Completed**

S.No.	M.Phil. (Part time - Full time)	Name of candidate	Depart- ment	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. (Part time - Full time)	Name of candidate	Department	Date of Registration	Field of Specialisation	Publication / Award, if any	Fellowship 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 and vector control	12	Nil
15	Full Time	Mr. K. Balaji	Maths.	19.02.2008		Nil	Nil
16	Full Time	Mr. T.H. Mohamed Younus	Maths.	19.02.2008	Stochastic 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 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 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

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. V. Devendiran	History	26.03.2009	Socio Economic	Nil	Nil
2	Full Time	Mr. A. Devendiran	History	26.03.2009	Economic	Nil	Nil
3	Full Time	Mr. K. Dhandapani	History	26.03.2009	Education	Nil	Nil
4	Full Time	Mr. A. Dheenadayalan	History	26.03.2009	Social	Nil	Nil
5	Full Time	Mr. S. Jayavelu	History	26.03.2009	Socio Economic	Nil	Nil
6	Full Time	Mr. E. Ramamoorthy	History	26.03.2009	Education	Nil	Nil

S.No.	M.Phil. (Part time – Full time)	Name of candidate	Depart- ment	Date of Registration	Field of Specialisation	Publication / Award, if any	Fellowship awarded
7	Full Time	Mr. G. Sundar Rajan	History	26.03.2009	Personality Service	Nil	Nil
8	Full Time	Mr. K. Udayasankar	History	26.03.2009	Education	Nil	Nil
9	Full Time	Mr. V. Kaliappan	Chemistry	26.03.2009	Inorganic	Nil	Nil
10	Full Time	Mr. Mastanvali Shaik	Chemistry	26.03.2009	Coordination	Nil	Nil
11	Full Time	Mr. S. Md. Shafiullah	Chemistry	26.03.2009	Polymer	Nil	Nil
12	Full Time	Mr. S. Rajiv Gandhi	Chemistry	26.03.2009	Coordination	Nil	Nil
13	Full Time	Mr. S. Subash	Chemistry	26.03.2009	Kinetics	Nil	Nil
14	Full Time	Mr. J. Sundarasan	Chemistry	26.03.2009	Kinetics	Nil	Nil
15	Full Time	Mr. G. Janakiraman	Chemistry	26.03.2009	Polymer	Nil	Nil
16	Part Time	Mr. W. Paul Raj	Chemistry	26.03.2009	Kinetics	Nil	Nil
17	Full Time	Mr. P. Sathish	Chemistry	26.03.2009	Polymer	Nil	Nil
18	Full Time	Mr. S. Abdul Majeed	Zoology	15.04.2009	Application of Fish Cell line	Nil	Nil
19	Full Time	Mr. A. Abdul Zahir	Zoology	15.04.2009	Parasitology	8	Nil
20	Full Time	Mr. G. Elango	Zoology	15.04.2009	Parasitology	8	Nil
21	Full Time	Mr. P. Kandhan	Zoology	15.04.2009	Aquatic Entomology	1	Nil
22	Full Time	Mr. K. Sathiyaraj	Zoology	15.04.2009	Animal Physiology	6	Nil
23	Full Time	Mr. V. Babu	Maths.	15.04.2009	Mechanics	Nil	Nil
24	Full Time	Mr. V. Bharathi	Maths.	15.04.2009	P.D.E.	Nil	Nil
25	Full Time	Mr. A. Madhavan	Maths.	15.04.2009	Operations Research	Nil	Nil
26	Full Time	Mr. S. Magi	Maths.	15.04.2009	Mechanics	Nil	Nil
27	Full Time	Mr. S. Muhammed Huzaifa	Maths.	15.04.2009	Cryptography	Nil	Nil
28	Full Time	Mr. R. Sivanandham	Maths.	15.04.2009	P.D.E.	Nil	Nil
29	Full Time	Mr. M. Vidhuram Kumar	Maths.	15.04.2009	Operations Research	Nil	Nil
30	Full Time	Mr. B. Balaji	Commerce	15.04.2009	Marketing	Nil	Nil
31	Full Time	Mr. M. Imthiyas	Commerce	15.04.2009	Organisational Behaviour	Nil	Nil
32	Full Time	Mr. A. Obaidullah	Commerce	15.04.2009	Finance	Nil	Nil
33	Full Time	Mr. D. Rajiv Gandhi	Commerce	15.04.2009	H.R.M.	Nil	Nil
34	Full Time	Mr. K.N. Jaffar Sadique	Commerce	15.04.2009	Finance	Nil	Nil
35	Full Time	Mr. R. Purushothaman	Commerce	15.04.2009	Marketing	Nil	Nil
36	Full Time	Mr. S. Siva	Commerce	15.04.2009	Organisation Behaviour	Nil	Nil
37	Full Time	Mr. Siva Kumar	Commerce	15.04.2009	Marketing	Nil	Nil
38	Full Time	Mr. S. Shayinsha	Commerce	15.04.2009	Business Management	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	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

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	A.Bagavan	Zoology	28.01.2009	Phytochemistry and molecular biology	33	UGC
2	Full Time	C.Kamaraj	Zoology	24.08.2009	Phytochemistry and molecular biology	33	Tamil Nadu State govt. Scientist Fellowship
3	Full Time	Dr.C.Venkatesan	Zoology	12.01.2006	SNAKE VENOM	8	CSIR-SRF
4	Full Time	Dr.M.Ravi	Zoology	20.06.2007	VIROLOGY	7	IFCPAR
5	Full Time	A.Nazeer Basha	Zoology	14.07.2008	Fresh water prawn pathology	5	DBT
6	Full Time	John Thomas	Zoology	16.10.2007	Fish Pathogenicity	5	MoES
7	Full Time	V.Sarath Babu	Zoology	07.03.2007	Cell Culture	6	Indo-Norway
8	Full Time	K.S.Nathiga Nambi	Zoology	21.07.2008	Cell Culture	3	DBT
9	Full Time	N.Sundarraj	Zoology	27.02.2009	Shrimp immunegene	---	DBT
10	Full Time	G.Taju	Zoology	24.11.2009	Nanotechnology	2	DBT
11	Full Time	N.Madan	Zoology	11.06.2009	Ds RNA Therapy	1	DBT
12	Full Time	Dr.A.Sivaraj	Zoology	23.02.2007	Animal Physiology	25	---
13	Full Time	Dr.P.Vinoth Kumar	Zoology	02.01.2004	Animal Physiology	13	---
14	Full Time	Dr.S.Palani	Zoology	14.03.2007	Animal Physiology & Biochemistry	21	---
15	Full Time	Zameer Ahmed	Zoology	21.07.2008	Animal Physiology & Biochemistry	6	---
16	Full Time	K.Sakthivel	Zoology	27.02.2009	Animal Physiology	3	---
17	Full Time	S.Kotteswaran	Zoology	21.10.2009	Environmental Biology	---	---

S.No.	Ph.D. (Part time - Full time)	Name of Candidate	Department	Date of Registration	Field of Specialisation	Publication / Award, if Any	Fellowship Awarded
18	Full Time	A.Jeyavelu	Zoology	16.12.2009	Environmental Biology	---	---

#### 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> , Bagavan A, Kamaraj C, Vadivelu M, Zahir AA, Elango G, Pandiyan G (2009) Evaluation of indigenous plant extracts against larvae of <i>Culex quinquefasciatus</i> Say (Diptera: Culicidae). Parasitol Res 104(3):637-43	Parasitology Research	1.721	4
2	Bagavan A, Kamaraj C, <b>Rahuman AA</b> , Elango G, Zahir AA, Pandiyan G (2009) Evaluation of larvicidal and nymphicidal potential of plant extracts against <i>Anopheles subpictus</i> Grassi, <i>Culex tritaeniorhynchus</i> Giles and <i>Aphis gossypii</i> Glover. Parasitol Res 104(5):1109-17	Parasitology Research	1.721	6
3	Kamaraj C, Bagavan A, <b>Rahuman AA</b> , Zahir AA, Elango G, Pandiyan G (2009) Larvicidal potential of medicinal plant extracts against <i>Anopheles subpictus</i> Grassi and <i>Culex tritaeniorhynchus</i> Giles (Diptera: Culicidae). Parasitol Res 104(5):1163-71	Parasitology Research	1.721	8
4	<b>Rahuman AA</b> , Bagavan A, Kamaraj C, Saravanan E, Zahir AA, Elango G (2009) Efficacy of larvicidal botanical extracts against <i>Culex quinquefasciatus</i> Say (Diptera: Culicidae) Parasitol Res 104(6):1365-72	Parasitology Research	1.721	8
5	Elango G, <b>Rahuman AA</b> , Bagavan A, Kamaraj C, Zahir AA, Venkatesan C (2009) Laboratory study on larvicidal activity of indigenous plant extracts against <i>Anopheles subpictus</i> and <i>Culex tritaeniorhynchus</i> . Parasitol Res 104(6):1381-8	Parasitology Research	1.721	8
6	Zahir AA, <b>Rahuman AA</b> , Kamaraj C, Bagavan A, Elango G, Sangaran A, Senthil Kumar B (2009) Laboratory determination of efficacy of indigenous plant extracts for parasites control. Parasitol Res 105(2):453-61	Parasitology Research	1.721	4
7	Elango G, Bagavan A, Kamaraj C, Zahir AA, <b>Rahuman AA</b> (2009) Oviposition-deterrent, ovicidal, and repellent activities of indigenous plant extracts against <i>Anopheles subpictus</i> Grassi (Diptera: Culicidae). Parasitol Res 105(6):1567-76	Parasitology Research	1.721	4
8	Bagavan A, Kamaraj C, Elango G, Zahir AA, <b>Rahuman AA</b> (2009) Adulticidal and larvicidal efficacy of some medicinal plant extracts against tick, fluke and mosquitoes. Vet Parasitol 166: 286-292	Veterinary Parasitology	2.278	2
9	<i>Artemia</i> is not a vector for Monodon baculovirus (MBV) transmission to <i>Penaeus monodon</i> 2008	<i>Journal of Fish Diseases</i>	1.5	1 (2009)

S.No.	Author Name / Article Title	Journal Name	Impact Factor	Citation Index
10	Cloning and sequencing of capsid protein of Indian isolate of extra small virus from <i>Macrobrachium rosenbergii</i> . 2008	<i>Virus Research</i>	2.4	
11	Oral administration of bacterially expressed VP28 dsRNA to protect shrimp, <i>Penaeus monodon</i> from white spot syndrome virus. 2008	<i>Marine Biotechnology</i>	2.503	2(2008) 6(2009)
12	Natural aquatic insect carriers of <i>Macrobrachium rosenbergii</i> nodavirus (MrNV) and extra small virus (XSV) 2008	<i>Diseases of Aquatic Organisms</i>	1.6	2 (2009) 1(2010)
13	Immunological responses of <i>Penaeus monodon</i> to DNA vaccine and its efficacy to protect shrimp against white spot syndrome virus (WSSV). 2008	<i>Fish and Shellfish Immunology</i>	3.2	1 (2008) 10(2009)
14	Potential use of chitosan nanoparticles for oral delivery of DNA vaccine in Asian sea bass ( <i>Lates calcarifer</i> ) to protect from <i>Vibrio</i> ( <i>Listonella</i> ) <i>anguillarum</i> . 2008	<i>Fish and Shellfish Immunology</i>	3.2	9(2009)
15	A fish nodavirus associated with mass mortality in hatchery-reared Asian Sea bass, <i>Lates calcarifer</i> 2008	<i>Aquaculture</i>	1.735	
16	A new epithelial - like cell line from eye muscle of catla <i>Catla catla</i> (Hamilton): development and characterization. 2008	<i>Journal of Fish Biology</i>	1.2	1(2009)
17	Oral administration of antiviral plant extract of <i>Cynodon dactylon</i> on a large scale production against White spot syndrome virus (WSSV) in <i>Penaeus monodon</i> . 2008	<i>Aquaculture</i>	1.735	1(2008)
18	Clearance of white spot syndrome virus (WSSV) and Immunological changes in experimentally WSSV-injected <i>Macrobrachium rosenbergii</i> . 2008	<i>Fish and Shellfish Immunology</i>	3.2	
19	Studies on the immunomodulatory effect of extract of <i>Cyanodon dactylon</i> in shrimp, <i>Penaeus monodon</i> and its efficacy to protect the shrimp from white spot syndrome virus (WSSV) 2008	<i>Fish and Shellfish Immunology</i>	3.2	1 (2010)
20	<b>A.Mohamed Ali</b> , N.Arunai Nambi Raj – Tensite, flexural and compressive strength studies on natural and artificial phosphate urinary stones – (2008) 36: 289-295.	Urological Research		
21	<b>A.Mohamed Ali</b> , N.Arunai Nambi Raj, S.Kalainathan and P.Palanichamy –62 Microhardness and acoustic behaviour of calcium oxalate monohydrate urinary stone (2008) 2351-2354.	Material Letter		
22	<b>A.Mohamed Ali</b> , N.Arunai Nambi Raj, S.Sosamma, P.Palanichamy, C.Bebu Rao & T.Jayakumar –, Morphological studies on calcium oxalate monohydrate urinary stone – Proceedings, seventh National Symposium on 2008, pp. 486-490.	Ultrasonics, NSU-XVII, Magmillan Publishers India Ltd		
23	<b>Anver Basha, K</b> , Balakrishnan , T, Urzua, M, Leiva, A., Gargallo, L., and Radic, D., Copolymers of Phenoxy Ethyl Methacrylate with Butyl Methacrylate. Synthesis, Characterization and Reactivity ratios (2008).	. Polymer International		



S.No.	Author Name / Article Title	Journal Name	Impact Factor	Citation Index
	58(3), 141-149.			
24	<b>Anver Basha, K.</b> , Balakrishnan, T, Urzua, M, Leiva, A., Gargallo, L., and Radic, D., (2008). Copolymers of Phenoxy Ethyl Methacrylate with Glycidyl Methacrylate. Synthesis, Characterizations and Reactivity Ratios. <i>57</i> ; 216-227.	International Journal of Polymeria materials		
25	Rajesh Kumar, S., Venkatesan. C, Sarathi, M., SarathBabu.V., John Thomas, <b>AnverBasha.K.</b> , Sahul Hameed, A.S (2008). Oral delivery of DNA construct using chitosan nanoparticles to protect the shrimp from white spot syndrome virus (WSSV)., <i>26</i> , 429-437.	Fish and Shelfish Immunology	<b>3.2</b>	
26	Sarathi, M., A. Nazeer Basha, M. Ravi, C. Venkatesan, <b>B. Senthilkumar</b> and A.S. Sahul Hameed. Clearance of white spot syndrome virus (WSSV) and Immunological changes in experimentally WSSV – injected <i>Macrobrachium rosenbergii</i> . (2008) <i>25</i> , 222 – 230.	<i>Fish &amp; shell fish Immunology</i>	<b>3.2</b>	
27	Sivaraj. A, P. Vinoth Kumar, E. David, K. Devi and <b>B. Senthilkumar</b> . Hypoglycemic effect of <i>Melia azedarach</i> and <i>Eugenia jambolana</i> in streptozotocin (STZ) induced diabetic male albino rats.. (26) 1 : 75 – 79, 2008.	<i>J.comp.Ani. Phy</i>		
28	Palani, S., <b>B. Senthilkumar</b> , R. Praveen Kumar, K. Devi, D. Venkatesan and E. Raja Sathendra. Effect of the ethanolic extract of <i>Indigofera barberi</i> (L) in acute Acetaminophen – Induced Nephrotoxic Rats.: (3) 28 – 31 (2008).	<i>Adv. Biotech. VII</i>		
29	Venkatesan, D., S. Palani, S. Kamatchiammal, Mazher sultana, K. Devi and <b>B. Senthilkumar</b> . Isolation and detection of indicator MS2 coliophage in different environment and sea foods by PEG precipitation and GAC – UAPB, RT – PCR method. : (01) 26 – 32 (2008)	<i>Adv. Biotech. VII</i>		

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

- Ø Dr. A.S. Sahul Hameed received Tamilnadu Scientist Award 2008 under the discipline Biological Sciences and the award was given by Tamilnadu State Council for Science and Technology.
- Ø Dr. A.S. Sahul Hameed was designated as an Expert in white tail disease by the World Health Organisation for Animal Health.

- Ø Mr. H.Munavar Jan, one of our NSS Programme Officers, had been adjudged the ‘Best NSS Programme Officer’ by Thiruvalluvar University.
- Ø The University Grants Commission had accomplished all its official mechanism in clearing the proposals made by Dr. B.Senthil Kumar for an ‘Indo-Hungary Professors’ Mutual Exchange Programme’.

**16. Internal resources generated:**

**Nil**

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

The U.G.C. had granted the PG Development fund of Rs.7,00,000/- to the PG and Research Department of Zoology.

**18. Community services:**

‘Healthy Youth for healthy India’ as the dictum, our N.S.S. Volunteers had rendered yeomen service winning the applause from every section of human society. The laudable activities picked up their momentum by planting saplings under the dynamic stewardship of our most exalted Correspondent, Alijanab Hajee S.Z.Abrar Ahmed Sahib and Mr. A.Thanigachalam, Forest Range Officer, Arcot Range.

A Communal Harmony Fortnight from 20<sup>th</sup> August to 3<sup>rd</sup> September was observed in true spirit commemorating the Sadbhavana Diwas. The massive rally that paraded through the streets of Melvisharam, propagating the message of communal harmony, was highly appreciated by the elite of the town.

The Flag Day Fund was raised to help the Ex-Servicemen and the amount was sent to the Directorate concerned. The Volunteers’ cycle rally that was organized as part of the solemn proceedings of ‘Rashtriya Sankalp Diwas’ highlighted the crowded activities of our N.S.S. Units.

The Special Lecture delivered by Mr.T.M.Vijayaraghavan, Senior Advocate, Vellore, on Human Rights mesmerized the audience. Five of our Volunteers' participated in the Seminar hosted by the Government Museum, Vellore. Some of the Volunteers had the unique opportunity of learning a lot from 'The Red Ribbon Club Express' stationed at Katpadi Railway Junction.

The Seven-Day Special Camp at Kilminnal Village bore witness to the well admired scenes of our Volunteers laying roads, clearing bushes, filling pot holes and maintaining the campus of a temple, a church and the mosque neat and tidy. The sanitary work undertaken by the Volunteers was non pareil. A special survey had been conducted to help the natives aware of their social, economic, cultural and employment segments. An Anti-Tobacco rally, comprising 50 Volunteers, was staged in collaboration with 'Annai Teresa Self-Help Women's Group', Arcot. As they are and as they had been, our N.S.S. Units continue to be the helping hands, the beacon lamps of guidance and the supporting anchors in times of need.

The College Unit of Youth Red Cross catered to the meaningful and emergent needs of our students and the society in the neighbourhood.

Member-Volunteers of the Red Ribbon Club had donated blood to the needy patients in the hospitals, in public and private sectors, and spearheaded the urgency of the awareness of HIV or AIDS by popularizing the Slogan, 'Health for all'.

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

Recruitment of new Teaching Staff :

Nil

Recruitment of new Non-Teaching Staff :

1. Mr. A. Hameeth Basha (Record Clerk)

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

**68:26**

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

More books were added to the Reference Section in the General Library.

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

Total Number of Books Purchased – 467 : Rs. 66,500/-  
Journal Subscription – Subscriptions were renewed for 27 Journals & Magazines.

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

The student assessment of teachers had been introduced in the following courses:

B.Com. / M.Com.  
B.Sc. Zoology / M.Sc. Zoology  
B.Sc. Chemistry / M.Sc. Chemistry  
B.Sc. Maths / M.Sc. Maths  
B.Com.C.S.

The teachers concerned were properly counselled by the Principal and HODs to rectify the shortcomings pointed out by the students.

Such teachers were motivated to come up to the level of teachers whose abilities had been praised by students.

**24. Unit cost of education:**

Rs. 24,200/- (With Salary)

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

Process of admissions had been fully computerized. Administration segment had also been computerized.

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

Construction work of the new hostel building registered a progress.

**27. Technology upgradation:**

Name of the Instrument	Quantity	Model & manufacture	Date of purchase	Uses of the Instrument
Bench top Fermentor model KLF2000	1	Bioengineering	07/02/2008	To produce recombinant proteins
UV visible spectrophotometer Model UV-2450.	1	Shimadzu	22/03/2009	Determining the concentration of the solutions
Thermostat	1	Raaga	15/12/2008	Maintaining constant temprature
Static Torsion apparatus	2		26/03/2008	For static torsion experiments
Resistance Box 2 dial	2	System	12/03/2008	For Electrical Experiments
Resistance Box 4 dial	4	System	16/02/2008	For Electrical Experiments
Grating	3	Hilger Watt	12/03/2008	For Spectrometer

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

A net centre had been made available to provide access to the internet and to impart computer training to non-computer knowing staff and students.

**29. Financial aid to students:**

Financial aid 2008-2009		No. of Scholarships	Amount in Rs.
i. Merit scholarship	---	---	---
ii. Merit-cum-means	SC/ST	253	7,16,586
	MBC	249	1,95,543
	BC	375	2,70,313
iii. Beedi worker Scholarship	---	10	30,000
iv. Education Loan Scholarship (Special Scholarship)	---	07	45,500
v. Farmer Scholarship	---	03	5,250
92- T.N.E.R. Fee Concession (SC only)	---	34	22,500

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

<b>S.No.</b>	<b>Endowment Awards</b>	<b>Subjects</b>
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 the academic year 2008-2009: **Rs.25,057/-**

#### EVENING COLLEGE (UN-AIDED COURSES)

Fee paid by the Management during 2008-2009: **Rs.1,78,000/-**

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

#### ALUMNI ASSOCIATION

A meeting of the Alumni Association comprising members from local areas (Arcot, Melvisharam and Ranipet) was conducted in the month of February, 2009. More than 40 members were present at the meeting and it was unanimously resolved to give away fountain pens, each worth Rs.20/-, to all the 430 New Graduates on the Convocation Day. The decision was duly carried out.

### **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 of UG & PG Courses by the College Medical Officer was carried out.

The Medical Officer visited the College hostel at regular intervals.

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

Mr.S.Akbar Khan of III B.A., History, won the Gold Medal in All India Inter-University Weight-Lifting Tournament held in Vizag. He also won the Gold Medal in the

State-Level Open Tournament held at Mannargudi. He bagged the Silver Medal in the Junior State-Level Weight-Lifting Tournament held at Madurai.

Mr.S.Akbar Khan was honoured with a sum of Rs.5,000/- in the light of his laudable achievement at the National-Level.

Mr.B.Muruganandam, of II B.B.A., bagged the Gold Medal in the 22<sup>nd</sup> National Level Karate Tournament held in Kolkatta.

Mr.Manikandan of III B.Sc., Mathematics, won the Bronze Medal in the 22<sup>nd</sup> National-Level Karate Tournament held in Kolkatta.

Mr.V.Naresh Babu of I B.A., History and Mr.Joseph Raj Kumar of I M.A., History, had the distinction of playing in the Andaman League 20-20 Cricket-Match at Port Blair, Andaman.

Mr.K.Balaji of I B.C.A., and Mr.B.Raj Ganesh of I B.C.A., secured First Place in the State-Level Weight-Lifting Tournament held in Pondichery, in 77 kg. and 85 kg. categories, respectively.

The Ball badminton Team secured the First-Place in the Inter-Collegiate and Inter-Divisional Tournaments.

The Lawn Tennis Team came First in the Inter-Collegiate and Inter-Divisional Lawn Tennis Tournament.

The Weight-Lifting and Power-Lifting Teams lifted the Champions' Trophy by winning the overall Championship.

In the Best Physique Contest, our Super-Stars lifted the Champions' Trophy.

The Kabaddi Team Secured First-Place in the Inter-Collegiate Kabaddi Tournament. The Team had the distinction of winning the Title in the Third consecutive year.

In the Inter-Collegiate Tournaments, the Table-Tennis and Hockey Teams came Second Best.

Mr.A.Joseph Rajkumar of I B.A., History and Mr.Sivasankar of III B.Com.C.S., of Day College and Mr.M.Md.Waseem, of II B.C.A., and Mr.R.Balamurugan, of I B.Com., of Evening College won the Individual Championship in the Intramural Competitions.

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

**Nil**

**35. Student achievements and awards:**

- Ø Mr.Sivakumar of II M.Sc., Zoology, was awarded Rs.5000/- as Student-Supportive Project Fund by Tamil Nadu State Council.
- Ø Three Students of III B.Sc., Bio-Chemistry won the First Prize in the Poster-Writing Competition conducted by K.M.G. College, Gudiyattam, under the banner of RUSAC.
- Ø Mr.Kamaraj, our M.Phil., Scholar in Zoology, lifted Janab S.M.Abdul Jameel Sahib Memorial Rolling Cup. He also won the Second Prize in the Essay–Contest.
- Ø Mr.K.Aswin of III B.Sc. Chemistry, bagged the First Prize in the Inter-Class Oratorical Contest in English.
- Ø Mr.K.Dhanasekar of I B.Sc., Physics, pocketed the First Prize in the Essay–Contest and Mr.R.Srinivasan of II B.A., History, bagged the First Prize in the Painting Contest and he also lifted the Rolling Cup in the Painting Contest sponsored by Aringar Anna Government Arts College for Women, Walajapet.
- Ø Mr.Kamaraj, M.Phil., Scholar in Zoology, won the Second Prize in the Inter-Collegiate Essay-Contest conducted by Poet Bharathidasan Art & Literary Association.
- Ø 103 Students took the State-Level Exam in English on the life and teachings of Gandhiji, sponsored by Gandhi Study Centre, Chennai, and all the 103 had passed, each pocketing a First Class.



- Ø In the State-Level Exam in English on Vegetarianism conducted in collaboration with Karuna International, Chennai Kendra, eighteen of our Students bagged Cash Prizes worth Rs.7,200/-.
- Ø Mr.K.Aswin of III B.Sc. Chemistry, won the First Prize worth Rs.2000/- and Mr.S.Mohammed Huzafa, an M.Phil. Scholar in Mathematics, pocketed the Second Prize worth Rs.1000/.
- Ø Poems in English penned by two of our Students had been published by The National Daily, The Hindu, in its Special Issue on the Teachers' Day.
- Ø Mr.A.Naveen Kumar of III B.Sc., Bio-Chemistry, won the First Prize in the Inter-Collegiate Essay-Contest in English hosted by Minerva Vidya Mandir.
- Ø Mr.Q.Abdul Wahid of III B.Com., won the First Prize in the Oratorical Contest in English. He also won the First Prize in the Essay-Contest in English.
- Ø Mr.Santosh Kumar of I B.Sc. Chemistry bagged the First Prize in the English Maxims Contest.

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

- Ø The Indian Institute of Learning Management, Chennai, had organized a Special Lecture on 'Competency Awareness' for the benefit of III year students.
- Ø Coaching classes for TNPSC group IV Competitive Examination were conducted for Minority Students with the financial assistance extended by UGC.
- Ø Newspaper advertisements on Employment Opportunities and Higher Studies Information were displayed on the college notice board.
- Ø Departmental meetings were conducted on career guidance.
- Ø Books and Journals were provided to students preparing for the competitive examinations.

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

Some of our students are getting recruited every year in the Interviews conducted by some of the top Concerns in the country.

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

Special coaching classes were conducted for computer Literacy and Tamil language competency.

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

In collaboration with the English Daily, The Deccan Chronicle, the College has launched an online Newspaper entitled 'Hakeem Times' to facilitate the world outside the campus to be aware of the current happenings and achievements within the campus.

The National Council for Promotion of Urdu Language, Ministry of Human Resource Development, Government of India, had sanctioned sum of Rs.1,57,000/- to the Department of Urdu to help 188 Non-Urdu knowing Students to learn Urdu and qualify for the Diploma in Urdu.

Having obtained permission to start the Diploma Course in Functional Arabic and the Certificate Course in Functional Arabic, the Department had enrolled 131 Students for the Diploma Course in Functional Arabic, 62 Students in the Certificate Course and 152 students for the Diploma Course in Urdu Language.

The College has adopted three villages for community-oriented development activities. The co-curricular activities of the College have been aimed at imparting value-based education, which has helped students to prioritise values, face challenges of life and find the right direction.

The Campus-Parent 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 has organized get togethers and has kept the students informed about higher studies and job opportunities. The Cell has arranged campus interviews for better placement.

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

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

**National:**

Dr.Ramesh Bhande and Dr.Patole,  
National Center for Cell Sciences,  
Pune.

Dr.K.Pandian,  
Dept. of Inorganic Chemistry,  
University of Madras,  
Chennai.

**International:**

Dr. R.J.Bonami,  
University of Montpellier,  
Montpellier,  
France.

Dr. Jimmy Kwang,  
National University of Singapore,  
Block MD4,  
5 Science Drive 2,  
Singapore 117597,  
Singapore.

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

- Teachers were counselled to make classroom instruction more resourceful by tapping the services of departmental computers.
- The Institution's complaint management process was made more transparent.
- The core values were given wider publicity to be reflected in the academic and administrative segments of the college.
- Research Scholars were encouraged to win laurels to the college by excelling themselves in their research activities.

## **Part C**

### **DETAIL PLANS OF THE INSTITUTION FOR THE ACADEMIC YEAR 2009-2010**

- 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 establish one more Computer Lab in the new block.
- 3.** To create a multimedia centre to facilitate the effective learning process.
- 4.** To take steps for the formation of a separate laboratory for students of Bio-Chemistry in the new block.
- 5.** To establish a new conference hall.

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

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