ANNUAL QUALITY ASSURANCE REPORT

2007-2008



Nationally Accredited at 'A' Grade by NAAC
Tiruchirapalli-620001, Tamilnadu

THE ANNUAL QUALITY ASSURANCE REPORT (AQAR) OF THE IQAC

Name of the Institution : National College

Tiruchirapalli-620001, Tamilnadu

Year of Report : 2007-2008

Part A

The plan of action chalked out by the IQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year.

Activities planned in the beginning of the year

- To submit a proposal to DST seeking FIST grant for the Department of Mathematics to establish a Computer Laboratory and to purchase equipment as teaching aids.
- 2) To submit proposals seeking financial grant to UGC to conduct Seminars in the Department of Philosophy, Mathematics, History, Physics and English.
- To establish a Computer Laboratory and an Instrumentation Center using the grant received from the DST under FIST scheme for the Department of Chemistry.
- 4) To connect all the computers in the college through LAN with Internet Facility.
- 5) To provide Intercom facility with about 50 terminals connecting all the places in the campus.
- 6) To raise an additional NCC (Naval) for which final approval was yet to be received from NCC Directorate, Chennai.
- 7) To form a group of about 200 students from all the departments and train them for overall development. They will form the **Core Group** for all the student related activities.
- 8) To continue the schemes of Remedial Coaching classes and coaching classes for those appearing for Competitive Examination, as there was a good response from SC/ST students in the previous year.
- 9) To provide ramp facility for all the buildings in the college and lift facility for the JN block which has 4 floors using the grants received from UGC under HEPSN scheme.
- 10)To conduct Faculty Development Programme on **Soft Skills** periodically.
- 11)To construct three class rooms and to renovate the existing College Auditorium.
- 12)To make available a Data Processing Center with Internet facility for both students and staff using the UGC grant.
- 13)To make available a staff Lounge for the recreation activities of the staff members.
- 14)To provide a Lunch shed and Toilet facilities for girls, as Co-Educational pattern has been introduced in the college.

OUTCOME ACHIEVED

- 1. A proposal has been submitted to DST seeking grant under FIST scheme to establish a computer laboratory in the Dept. of Mathematics.
- 2. 10 and 8 proposals were submitted seeking grants for conducting Seminar/Workshop and for Major/Minor projects respectively. **See Annexure I.**
- 3. A Computer Laboratory and an Instrumentation Laboratory have been established in the Department of Chemistry using DST-FIST funds. The centers were inaugurated by Dr.A.Mukhopadyay, Director, DST, New Delhi.
- 4. All the Computers in the College have been connected through LAN and provided with internet connectivity.
- 5. Intercom facility has been provided to all the places in the College with 40 terminals.
- 6. NCC Directorate has approved our proposal for raising a new unit of NCC (Naval wing). But the unit is yet to be raised. A copy of the approval letter is enclosed. **See Annexure II**
- 7. A proposal seeking grant for conducting coaching classes for SC/ST students for NET examinations has been submitted to UGC.
- 8. The schemes on Remedial coaching classes for SC/ST students and Coaching classes for students appearing for Competitive examinations have been renewed by UGC and grants for recurring expenditure have been received by the College.
- 9. Affiliation for M.Phil in Botany, Geology and Chemistry was obtained from Bharathidasan University, Trichy.
- 10. Faculty Development Programme was organized for newly appointed staff members.
- 11. Many Lectures were conducted under the auspices of Academic Association of each Department. **See Annexure III.**
- 12. A Data Processing Centre with internet facility has been made available.
- 13. A staff Lounge with TV, Magazines and Indoor games has been made available.
- 14. A Training Programme for final year UG and PG Students appearing for Competitive Examinations was arranged.
- 15. Three class rooms were constructed in the Golden jubilee block.
- 16. Since many vacancies of teaching posts were not approved by the Govt. eight teaching staff members were appointed using the Management's own resources to avoid cancellation of classes.
- 17. Since Govt. did not grant permit to fill up vacancies of Non teaching staff, 10 Management Staff were appointed and the college office was modernized with computers and other basic amenities.

- 18. The Fund Allocation for the Department of Physical Education was increased to Rs.1,00,000/-
- 19. As the college has adopted co-education pattern toilets for girls have been constructed.
- 20. A seminar hall in the name of Nangavaram Periya Pannai Hall has been dedicated to the college.
- 21. The two issues of the College News Bulletin each one for a semester for the year 2007-2008 have been released. (Copies enclosed).
- 22. Central Institute of Indian Languages (CIIL), Mysore and our College have signed a Memorandum of Understanding to establish a regional field unit in our College as a part of National Testing Service.
- 23. Indira Gandhi National Open University (IGNOU) and our College have signed a Memorandum of understanding to the effect that the courses affiliated to it can be offered at our College.
- 24. NCC Air Wing released a Blood Donors Directory containing 1288 names of students and staff with their addresses.
- 25. A Cultural festival in the name of NACOFEST (National College Festival) was celebrated conducting intercollegiate competitions.
- 26. Tamil Nadu State Council for Science and Technology identified our College to conduct the **Science for Sanitation Programme**. Under this programme awareness was created on sanitation among students and public by conducting rally, exhibition and distributing pamphlets.
- 27. An Employability Training Programme for coastal community "Alternate Livelihood" youth was organized funded by United Nations development programme. The objective was to provide to coastal community youth.
- 28. Sixteen new Endowments have been created for giving away prizes to meritorious students. **See Annexure IV.**
- 29. One UGC sponsored National Seminar (Geology), One DST sponsored Workshop (Geology), one MOEF sponsored Workshop (Botany), one NAAC sponsored National Workshop (IQAC), one TNSCST sponsored Orientation Programme (Geology) and eight management sponsored Workshops and Seminars were conducted during this academic year. **See Annexure V**
- 30. Two Endowment Lectures were conducted (Mathematics and History).

 See Annexure VI.
- 31. In appreciation of publishing Research Papers and books and presenting papers in Seminars / Workshops members of Staff and students have been awarded with cash incentives amounting to Rs. 15,750/-. **See Annexure VII.**

Part B

1. Activities reflecting the goals and objectives of the institution

The motto of the College, "That which liberates is education", implies liberating the suppressed sections of the society from the evil clutches of communalism, casteism and ignorance through education and helping them to lead a decent life in the society. These objectives are fulfilled by admitting 777 Scheduled Caste and Scheduled Tribe students and 928 Backward Class and Most Backward Class students out of the total 1744 students of the College in the Aided Courses and 167 Scheduled Caste and Scheduled Tribe students and 676 Backward Class and Most Backward Class students out of the total 843 students in the Un-Aided Courses.

UGC has renewed the schemes to impart coaching for entry into services for SC and ST students and Remedial coaching classes for SC and ST students. A sum of Rs.1,66,000/- has been received for the two schemes.

Ramp facilities have been provided to all the buildings in the college for the easy mobility of physically handicapped students. There are 33 physically challenged students studying in the college. Lift facility would be provided in JN block for the benefit of the PH students and special toilets would be constructed for them.

Through **Tiruchirapalli Gem Training Institute**, about 150 candidates have been trained on the use of modern machinery for gem cutting and polishing.

2. New academic Programmes initiated (UG and PG)

M.Phil programme in Botany, Geology, and Chemistry was introduced in the college. The Curriculum details of all the three courses are given in **Annexure VIII.**

3. Innovations in Curricular Design and Transaction

As per the guidelines of UGC, Choice Based Credit System was introduced in the academic year 2005-2006.It is continued this year also.

4. Inter disciplinary Programmes started

Under the CBCS pattern an Under Graduate student has to compulsorily study two Elective Papers outside his Major Department. Many of the Elective Papers are interdisciplinary in nature. **See Annexure IX.**

A number of lectures under **Academic Associations** have been organized and most of the lectures were interdisciplinary in nature. The list of lectures conducted through academic associations is given in **Annexure III.**

5. Examination reforms implemented

Continuous Internal Assessment (CIA) system has been introduced as a part of CBCS pattern to all Under Graduate courses from the year 2005-2006. Students have to write two CIA tests in a semester for all the papers.

A student who has failed in only one subject at the end of the degree programme is allowed to appear for instant examination conducted within a month from the date of publication of result.

6. Candidates qualified: NET/SLET/GATE etc.: Data not available

7. Initiative towards Faculty Development Programme

Mr.Murali, Lecturer, Dept.of Chemistry went to Netherlands under BOYSCAST scheme for his Postdoctoral Research.

8 Teachers were allowed to participate in the Orientation Course and **10** Teachers were allowed to participate in Refresher Courses. **See Annexure X.**

8. Total number of seminars/workshops conducted

One UGC sponsored National Seminar (Geology), One DST sponsored Workshop (Geology), one MOEF sponsored Workshop (Botany), one NAAC sponsored National Workshop (IQAC), one TNSCST sponsored Orientation Programme (Geology) and eight management sponsored Workshops and Seminars were conducted during this academic year. **See Annexure V**

9. Research projects a) Newly implemented b) Completed

- A UGC sponsored Major Project on Urban Health care and Medical Facilities for rural poor has been newly implemented in the Department of Commerce. Dr.S.V.Srinivasa Vallabhan is the principal investigator for the project.
- A UGC sponsored Minor Project on Geophysical and Geochemical study of the Aquifer system in Vayyampatti union, Manaparai Taluk, Tiruchirapalli District, Tamil Nadu has been newly implemented in Department of Geology. Dr.D.Srinivasan, Reader, is the Principal Investigator
- 3. A UGC sponsored Minor Project on **Self Help Group An Analysis** has been newly implemented in the Department of Philosophy. Mr.R.Prabhakaran, Dept.of Philosophy is the Principal Investigator.
- 4. A UGC sponsored Minor Project on Nano Crystalline CdZns films for opto electronic applications has been newly implemented in the Dept.of Physics. Mr.S.Kumaresan is the Principal Investigator.
- 5. DST sponsored Major Project on Benthic foraminifera as a tool for environmental impact assessment and sediment transport a case study from the inner shelf of Gulf of Mannar has been newly implemented in the Department of Geology. Dr.V.Kumar, Reader, is the Principal Investigator for the project.

10. Patents generated, if any: Nil

11. New collaborative research Programmes: Nil

12. Research grants received from various agencies

- 1. Rs.2,00,000/- was received from UGC towards XI plan development grant
- Rs.31,360/- was received from UGC towards Minor Project entitled Geophysical and Geochemical study of the Aquifer system in Vayyampatti union, Manaparai Taluk, Tiruchirapalli District, Tamil Nadu by the Department of Geology.
- 3. Rs.72,500/- was received from UGC towards Minor Project entitled Nano Crystalline CdZns films for opto electronic applications by the Department of Physics.
- 4. Rs.72,500/- was received from UGC towards Minor Project entitled **Self Help Group An Analysis** by the Department of Philosophy.
- 5. Rs.67,500/- was received from UGC towards the conduct of Seminar on **Samayangalum Manithaneyamum** by the Department of Philosophy.
- Rs.85,500/- was received from UGC towards the conduct of Seminar on Crystal Growth of laser and Non-Linear optical Materials by the Department of Physics.
- 7. Rs.22,000/- was received from DST towards the recurring expenditure for the Department of Botany under the FIST scheme.
- 8. Rs.1,24,000/- was received from DST towards the recurring expenditure for the Department of Geology under the FIST scheme.
- 9. Rs.75,000/- was received from Tamil Nadu State Council Science for and Technology, Chennai towards the implementation of **Science for Sanitation** programme.
- 10. Rs.20,000/- was received from MOEF through peace trust towards the conduct of orientation programme on **Biodiversity Conservation & Environmental Awareness** by the Department of Botany.
- 11. Rs.4,00,000/- was received from DST towards implementation of the Project entitled Benthic foraminifera as a tool for environmental impact assessment and sediment transport a case study from the inner shelf of Gulf of Mannar.

13. Details of research scholars

64 scholars undergo M.Phil Programme and **98** scholars undergo Ph.D programme. **See Annexure XI.**

14. Citation index of faculty members and impact factor: Nil

15. Honors/Awards to the faculty: Nil

16. Internal resources generated

Rs.60,00,000/- has been earned as income through the self financing courses. Parent Teacher association has contributed Rs.5,00,000/-

17. Details of departments getting SAP, COSIST (ASSIST)/DST. FIST, etc. assistance/recognition

Botany, Geology and Chemistry departments are FIST sponsored departments.

18. Community services

The College has NCC, NSS, RRC, USSC, SHG, YRC, Rotaract etc. units. Numbers of community service activities have been conducted by these units and clubs. The details are in the **Annexure XII**.

19. Teachers and officers newly recruited

22 staff members were appointed in the Regular Government approved vacancies. 8 staff members were appointed as guest lecturers. **See Annexure XIII.**

20. Teaching – Non-teaching staff ratio: 1:2

21. Improvements in the library services: Computerized activities take place.

22. New books/journals subscribed and their value

The list of books purchased is given in **Annexure XIV.** No new journal has been subscribed, but all the journals subscribed during the last year have been renewed.

Books Purchased total amount		Rs.2,31,230.30/-
Journals subscribed total amount		Rs.49,036.00/-
	Total	Rs.2,80,266.30/-

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

Student assessment of teachers has been introduced for all the courses in the college.

24. Unit cost of education: Rs.21, 000/= per student.

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

The entire administration of the college including the activities of the Departments has been computerized. Since the College is affiliated to Bharathidasan

University, publishing the results and issue of mark statements are not under our purview. Transfer Certificate, Attendance Certificate, Course Certificate and other certificates are issued using the computerized data bank.

26. Increase in the infrastructural facilities

- 1. A Data Processing Center has been established with the financial assistance from the UGC.
- 2. A Computer Laboratory and an Instrumentation Laboratory have been established in the Department of Chemistry using DST-FIST funds.
- 3. A new Staff Lounge with a TV set, periodicals and indoor games has been established.
- 4. Bitumen top roads have been laid through the length and breadth of the college.
- 5. A new Conference Hall, Nangavaram Periya Pannai Hall, named after the family of the President of the College Committee, has been dedicated to the College.
- 6. Three rooms have been built near the Mathematics Department of the Golden Jubilee Block.
- 7. A complete network of Intercom facility has been provided to all places in the college.
- 8. Rooms are also under construction to house the three Units of NCC and Placement Cell. The College Office is equipped with a new printing machine and two photo copying machines.

27. Technology upgradation

In the Department of Chemistry a Computer and Sophisticated Instruments laboratories were established with DST-FIST grant.

Computer Laboratory

A Computer laboratory has been set up in the Department of Chemistry with 13 computers, one printer, one scanner and a web camera with complete networking facility. This computational facility is now very much useful to the faculty as well as students to do modern research projects in the field of computational chemistry and theoretical chemistry. In fact, a few faculty members have initiated research in cheminformatics and bioinformatics area using this facility. This facility is also used for the post-graduate students to study the C programming and molecular modeling concepts with hand-on practical sessions. The internet facility is helpful to students and staffs in accessing the essentially unlimited resources of information not conventionally obtainable through other means. Web camera is used for internet chatting, online seminars and exchange of ideas with eminent scientists from various parts of the world.

Instruments Laboratory

A sophisticated Instruments laboratory has been set up in the Department of Chemistry with an aim of developing the research activities. There are three major equipments-UV-Visible spectrophotometer interfaced with the Thermostat, FT-IR Spectrophotometer and Electrochemical Workstation along with a Digital Balance with four digit accuracy and Sonicator. UV-Visible spectrophotometer is used for the detection of conjugation, geometrical isomers, and functional groups of organic substances, qualitative and quantitative analysis, detection of impurities, molecular weight determination, chemical kinetics experiments with variable temperature, charge-transfer transitions, tautomeric equilibirium, recognition of metal, valency and spin, coordination around metal and distortion, strength of ligands and charge transfer between metal and ligand. FT-IR Spectrophotometer is used to characterize the property of both organic and inorganic molecules such as identification of substances, determination of molecular structure, studying the progress of reactions, detection of impurities, isomerism in both organic and inorganic chemistry, high modes of vibration, lower symmetry of complexes, formation of chelates, shape of symmetry of a molecule, presence of water in a sample, measurements of paints and varnishes, examination of old paintings and artifacts and identify the odour and taste components of food. **Electrochemical Workstation** is used to follow reaction kinetics and exchange reactions, study the interaction of drug molecules with DNA and enzymes, study the electron transfer properties of organic and inorganic molecules and study the electroorganic chemistry of pharmaceutical intermediates. Digital Balance is helpful for synthetic experiments and used for the spectral and electrochemical studies that can be carried out with the above instruments. Sonicator is used to induce chemical reactions and to make homogenous solutions for spectral and electrochemical studies.

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

All the Departments have computers. There is a computer laboratory each one for Botany, Chemistry and Geology department. The college has a Computer Laboratory with 100 systems for the use of students of BCA and B.Sc Computer science. Internet facility has been provided to all the Departments, Library, Office and all the HODs room.

29. Financial aid to students

The total amount of scholarship distributed to the students of SC / ST /BC/MBC/DNC and the number of beneficiary are given below.

SC/ST

No. of Students	Sanction Amount
1281	Rs.60,83,906/-
Disbursed – 1208	Rs.56,93,130/-

BC / MBC / DNC

No. of Students	Sanction Amount
BC-462	5,26,411/-
Disbursed -BC-454	5,12,923/-
MBC-253	3,14,943/-
Disbursed -MBC-248	3,08,942/-
DNC-99	1,09,691/-
Disbursed -DNC-97	1,06,819/-

30. Activities and support from the Alumni Association

A massive drive of registering the Alumni was undertaken to strengthen the Association. About 600 old students of the college have been registered in the Alumni Association. There will be a new leaf of life for the Association from the next year onwards.

31 Activities and support from the Parent-Teacher Association

Parent –Teacher Association contributed Rs.5,00,000/- towards the payment of salary to the guest lecturers. Invited lectures were arranged by PT association.

32. Health services

Under various club activities many programmes on health services have been conducted. The details are given in **Annexure XV.**

The most important achievement in the health services is the release of Blood Donor Directory containing 1288 names of students and staff of the college by NCC Air-Wing unit of the college. The copies of the Directory have been distributed to local hospitals.

33. Performance in sports activities

The College celebrated its Annual Sports Day on 11th Oct 2007. Mr.G.Sridharan, an International Volley Ball player and Coach was the Chief Guest.

Our Football team secured the first place in the III division and promoted to II Division.

K.Manikandan, III BBA won the third place in 400M in the District Athiletic meet, R.Karnan III B.A., Economics won the Bronze Medal in the Inter Collegiate Swimming Competition, S.Udayan, II B.Sc., won the Bronze medal in 'Teakwondo' Inter Collegiate Competition, and R.Dharmalingam II B.Com., won the Medal in the State Level Mini Marathan Race held at Kanyakumari and received a Cash Award of Rs. 1,000/-.

Our women cricket team won the Third place in the District Cricket Tournament. The team players T.Pandimeena, D.Gayathri and N.Parvathi were selected to represent TamilNadu Cricket Team.

The under mentioned students represent our University and State teams this Year:

SI. No.	Name	College / University
1.	G.Arivalagan, B.A., III year	NetBall University
2.	D.Kalimuthu, M.Com., I year	Foot Ball University
3.	C.Elamparuthi, M.Sc., Geo. II year	Fencing TamilNadu
4.	P.Muthusami, M.Sc., II year	Fencing TamilNadu
5.	S.Sundaramurthi, M.Sc., II year	Fencing TamilNadu
6.	R.Sivakumar, B.Sc., III year	Boxing University

R.Kalimuthu, I M.Com., and R.Dharmalingam, II B.Com., were recommended for Special Prize in the Annual Day.

34. Incentives to outstanding sportspersons

Total expenses of sports persons participating in sports events conducted outside the city are borne by the college. Free banian and trousers are provided to the sportsmen. College fee is waived for outstanding sportsmen.

During the coaching session, lunch is provided to all the players free of cost.

35. Student achievements and awards

The prizes and medals won by the students in various activities are shown in **Annexure XVI.**

36. Activities of the Guidance and Counseling unit

Students were prepared and sent for appearing Job Fairs conducted in Colleges of Tiruchirapalli and in Institute of Entrepreneurs and Career Development Cell of Bharathidasan University. Campus Interviews were organized in the college. Coaching classes were conducted for students appearing for Group Discussion and interview.

37. Placement services provided to students

List of Campus Recruitment Programs Organized by the Placement Cell

SI. No	Name of the Organization / Company	Date of Campus program	No. of Short Listed Students	No. of Selected Students	Copies of Appointment Orders Received by the Cell
1	First Source Solutions, BPO operations, Bangalore	3 rd Dec. 2007	2	2	2
2	Sutherland Global Services, Trichy -18	17 th December 2007	1	1	1
3	Eureka Forbes Ltd., Tiruchi-1	22 nd January 2008	14	14	14
4	Lakshmi Vilas Bank, Karur	24 th January 2008	13	7	6
5	Land Marvel Ltd., Chennai	5 th February 2008	22	14	-
6	A.K.T. Academy, Matriculation, higher Secondary School, Kallakurichi-606 202	3 rd March 2008	11	11	11
7	Shivani Info Solutions, Trichy-620 008	3 rd March 2008	2	Final Interview Results Awaited	-
8	Dalmia Cement (Bharat) Ltd. Dalmiapuram-621651	24 th March 2008	3	3	3
9	Wheels India Limited Chennai	24 th May 2008	3	2	2
10	Axles India Limited Chennai	24 th May 2008	8	4	2

List of Off-Campus recruitment programs for which the placement cell forwarded the eligible students list including companies

S.N.	Name of the Organization / Company	Date
1	Chemplast Sanmar Limited 9, Cathedral Road,	June 2007
	Chennai - 600086.	
2	Sterlite Industries (I) Ltd. Tuticorin	June 2007
3	Anna University (T), Trichy-24	August 6-9, 2007
4	Sutherland Global Services, Chennai	August 2007
5	CEPHA, (ITES Company), Bangalore	September 7, 2007
6	Agsar Paints Pvt. Ltd., Trichy	November, 4, 2007
7	Cynosure Corporate Solutions, Trichy	November, 17-18, 2007
8	Carborundum Universal Ltd.,	November 2007
	Sriperumpudur- 602 105	
9	Rock City Ford, Trichy -1	November 2007

10	Cethar Vessels (P) Ltd., Trichy-1	November 2007
11	The India Cements ltd., Trichy-21	November 2007
12	Anna University (T) , Trichy-24 & Satyam Computer	December, 8, 2007
	Services	
13	IECD, Bharathidasan University,	December, 1-2, 2007
	Tiruchi-23 & Sutherland Global Services	
14	Anand Eng. Products Ltd.Trichy-15	January 2008
15	Central Electro Chemical research Institute,	January 2008
	Karaikudi-630 006	
16	ICICI Prudential Life Insurance, Trichy-1	January 2008
17	IECD, Bharathidasan University, Tiruchi-23 & Eureka	16-17 February 2008
	Forbes, Sutherland Global Services	
18	IECD, Bharathidasan University, Tiruchi-23 & Aitel	16-17 February 2008
19	Central Electro Chemical research Institute,	March 2008
	Karaikudi-630 006	
20	Reliance BPO	2 nd March 2008
21	The Madras Aluminium Company Limited,	25 th May 2008
	Mettur Dam – 636 402 (at Sona College of Technology,	
	Salem-636005)	
22	Council of Advancement of People's Action and rural	28 th May 2008
	Technology (CAPART), Ministry of rural Development,	
	GOI (at IECD, Bharathidasan University, Tiruchi-23)	

The list of students selected in campus recruitment for renowned organizations.

SI.	Name of the	Course &	Comm	Job	Name of the	Total
No.	Candidate	Subject	unity	designation	Organization	
					/ Company	
1	Mr.P.R.Venkateshwaran	III B.Sc. Maths		Customer Service Associate	First Source solutions Limited, Trichy	2
2	Mr. M. Vigneshwaran	III B.Sc. Computer Science	SC	Customer Service Associate	First Source solutions Limited, Trichy	
3	Mr.P.R.Venkateshwaran	III B.Sc. Maths		Executive Trainee	Sutherland Global ervices, Trichy -18	1
4	Mr.M.Raja	III B.Com	ВС	Sales Executive	Eureka Forbes Ltd.,Tiruchi-1	14
5	Mr. R.Suresh	III B.Com	ВС	Sales Executive	-Do-	
6	Mr.P.Saravana babu	III B.Com	SC	Sales Executive	-Do-	
7	Mr. S. Sasi Vannan	III B.Com	ВС	Sales Executive	-Do-	

8Mr. V. PrasannahIII BCABCSales Executive-Do-9Mr. D. MurugesanIII B.ComMBCSales Executive-Do-10Mr. S. MuthukumarIII BCABCSales Executive-Do-11Mr. M. KarthickIII B.ComBCSales Executive-Do-	
10 Mr. S. Muthukumar III BCA BC Sales Executive -Do-	
11 Mr. M. Karthick III B.Com BC Sales Executive -Do-	
12 Mr. R. Rajesh Kanna III B.Com MBC Sales Executive -Do-	
13 Mr. I. Raja III B.Com SC Sales Executive -Do-	
14 Mr. K. Dev Ananad III B.Com BC Sales Executive -Do-	
15 Mr. S. Prabhakaran III B.Com BC Sales Executive -Do-	
16 Mr. R. Ilayaraja III B.Com Sales Executive -Do-	
17 Mr. B. Raman II M.A. SC Sales Executive -Do-	
Economics	
18 Ms. R. Jayasri II M.Sc. BC Teacher A.K.T. Acade Matriculation	
Chemistry higher Secon	
School, Kallakurichi- 606 202	
19 Ms. M. Kalpana II M.Sc. MBC Teacher -Do-	
Chemistry 20 Ms. M. Sangeetha II M.Sc. BC Teacher -Do-	
Chemistry	
21 M. R. Saranya II M.Sc. SC Teacher -Do-	
Chemistry 22 Mr. N. Subramanian II M.Sc. MBC Teacher -Do-	
Maths	
23 Mr. N. Karthikeyan II M.Sc. BC Teacher -Do- Maths	
24 Mr. A. Sivalingam II M.Sc Teacher -Do-	
Maths 25 Ms. V. Malathi II M.Sc. BC Teacher -Do-	
Physics	
26 Mr. I. Raju III B.A. MBC Teacher -Do- Tamil	
27 Mr. S. Karuthan III B.A. SC Teacher -Do- Tamil	
28 Mr. R. Viswanathan III B.A. OC Teacher -Do- Tamil	
29 Mr. P. Muthusamy II M.Sc. OC Geologist Dalmia Ce	ement 3
Geology Trainee (Bharat) L	
Dalmiapu	
30 Mr. Vishnu Vasu II M.Sc. BC Geologist -Do-	
Geology Trainee	
31 Mr. S. Selvakumar II M.Sc. SC Geologist -Do-	
Geology Trainee 32 Mr. S. Diwakar II M.Sc. MBC Chemical Wheels I	ndia 2
Chemistry Trainee Limited	
, Chenn	

33	Mr S Balasusbramanian Mr. M. S. Karthikeyan	II M.Sc. Chemistry III B.Com	BC OC	Chemical Trainee Accounts	-Do- Axles India	2
J-T	Mr. M. S. Kartilikeyali	III B.Com	00	Trainee	Limited	-
35	Mr. R. Kumaraperumal	III.B.Com		Accounts Trainee	-Do-	
36	Mr.V.Ramasamy	B.Sc. Chemistry	OC	Process Controller Trainee	The Madras Aluminium Company Limited, Mettur Dam – 636 402	1
TOTAL					36	

Functioning of the Placement Cell- A Brief Note

The placement cell organizes motivation and training programs for the benefit of the students free of cost. The students are advised to have active e-mail addresses and contact numbers to keep them prepared for the modern interview practices. Before the recruitment programs, they are given training in which they are briefed about the nature of tests, CV writing methods and mock interview practices. Competitive examination oriented books are made available in the college library and the students are directed to make use of this facility.

38. Development Programmes for non-teaching staff

As the college office activities have been automated, basic computer training has been provided to all the non-teaching staff.

Management has introduced a dress code for non-teaching staff and they are provided with free uniforms.

39. Healthy practices of the institution

Our Management has introduced an encouraging system of honoring the Organizing Secretaries of Conferences by presenting them with wristwatches.

A system has also been introduced to honor the Staff members who publish articles in the Referred Journals with Cash Award. **Details are given in Annexure -VII**

All the members of Non-teaching staff are provided with a uniform dress Code.

Many endowments have been created to give away awards and prizes annually to outstanding students on the College Day.

The College provides space free of cost to Self Help Groups to conduct exhibition and sale of their products for two days every month.

The College management gives away additional prizes to the students who win competitions conducted in other colleges.

Grants for conducting one day seminar are provided to the Departments.

40. Linkages developed with National / International / academic / Research bodies-

41. Any other relevant information the Institution wishes to add

- 1. The college has signed an MOU with IGNOU under convergence scheme to offer the degree programme offered by them to our students concurrently.
- 2. The college has signed an MOU with NTS to establish a Regional Field Unit in the college.
- 3. The College has signed an MOU with Sutherland Services to impart training to our students on BPO. The students would be recruited by them at the end of training.
- 4. Students of III B.Sc Geology were taken to places of Geological interest around Salem.
- 5. Students of I and II M.Sc Applied Geology were given mapping training in the areas around Ariyalur.
- 6. Students in different groups were taken to visit Anna Planetarium, Tiruchirapalli.
- 7. Inter collegiate Fine Arts competition was organized by the college under the name of **NACOFEST**.
- 8. A music troupe of students has been formed.
- 9. Special coaching classes are arranged for Communicative English after the college hours.
- 10. A special Computer Awareness Programme for the judicial officers of the Trichy Court was conducted.

Part C

Details of the plans of the Institution for the next year

- 1. B.Sc and M.Sc IT courses are to be introduced
- 2. Proposal seeking Autonomous status to the College would be submitted to the UGC.
- 3. Proposal seeking the status of College with Potential for Excellence will be submitted to UGC
- 4. Proposal seeking XI plan development grant will be submitted to UGC
- 5. Proposal seeking financial support will be submitted to UGC to conduct Seminar in the Department of Mathematics and English.
- 6. Proposal seeking grants for the construction of a building to house Biological Science departments will be submitted to UGC
- 7. Audiovisual section would be introduced in the library.
- 8. A block exclusively to house the units of NCC will be constructed.
- 9. An NCC Naval unit will be raised for which final approval is yet to be received from NCC Directorate, Chennai.
- 10. It has been decided to start special coaching classes for students appearing for NET examinations.
- 11. As there was good response from SC/ST students for Remedial Coaching classes and coaching classes for appearing for Competitive Examination, the programmes would be continued in the next academic year also.
- 12. The grant received from the UGC under HEPSN scheme would be utilized for the purpose for which the grant was received.
- 13. A Faculty Development Programme on **Soft Skills** will be continued next year also.
- 14. It is proposed to renovate the college auditorium and to construct an open-air auditorium.
- 15. A few non -teaching staff would be appointed as many vacancies are yet to be approved to fill up.
- 16. The dual degree programme would be introduced.
- 17. It has been decided to invite all multinational companies for campus recruitment.
- 18. Career oriented programme on **Diploma in Fabrication Engineering** would be introduced with the collaboration of Small Scale Industries Association as there is a heavy demand for such skilled persons.
- 19. A study centre with text books and books for competitive examinations will be established.

List of proposals submitted seeking grants for conducting Seminar/Workshop and for Major/ Minor projects

- Dr.R.Balasubramanian, Head, Department of Philosophy, submitted a Major Research Project proposal on An approach to Saiva Siddhantic of human values and education against of global terrorism – A critical Analysis to UGC for Financial Assistance.
- Thiru.R.Prabakar, Lecturer (SS), Department of Philosophy submitted a proposal to UGC for Financial Assistance for a Minor Research Project on Self Help Group An Analysis.
- iii) Prof.A.Krishnamoorthy, Co-ordinator, IQAC submitted a proposal seeking financial assistance to NAAC for organizing a National Workshop on **Quality sustenance** in Colleges with students of rural and semi urban Background.
- iv) Thiru.K.Pandiyan, Lecturer (SG), Department of History submitted a proposal to UGC for Financial Assistance to conduct a National Seminar on **Tamil Press and Freedom Movement**.
- v) Thiru.S.Pari, LSG & Head, Department of Physics submitted a proposal to UGC for Financial Assistance to conduct a National Seminar on **Crystal Growth of laser and Non-Linear optical Materials**.
- vi) Thiru.D.E.Benet, Lecturer (SG), Department of English submitted a proposal to UGC for Financial Assistance to conduct a National Seminar on **Cultural Aesthetics: Reception and Resistance**.
- vii) Prof.A.Krishnamoorthy, Head, Department of Mathematics submitted a proposal to UGC for Financial Assistance to conduct a National Seminar on **Applicable Algebra and Number Theory**.
- viii) Dr.T.Seshasayee, Reader, Department of Philosophy submitted a proposal to UGC for Financial Assistance to conduct a National Seminar on **The Concept of Peace**.
- ix) Thiru.S.Gunasekar, Lecturer (SG), Department of Philosophy submitted a proposal to UGC for Financial Assistance to conduct a National Seminar on **Samayangalum Manithaneyamum**.
- x) Thiru.S.Gunasekar, Lecturer (SG), Department of Philosophy submitted a proposal to UGC for Financial Assistance to conduct a National Seminar on Theistic Humanism of Saint Ramalingam and Yogi Vemana A comparative study.

- xi) Dr.D.Srinivasan, Reader, Department of Geology submitted a Minor research project proposal on **Geophysical and Geochemical study of the Aquifer system in Vayyampatti union, Manaparai Taluk, Tiruchirapalli District, Tamil Nadu** to UGC for financial assistance.
- xii) Dr.D.Saravanan, Lecturer (SG), Department of Chemistry submitted a proposal to UGC for Financial Assistance for a Minor Research Project on **Heteroleptic** cyclometalated Iridium (III) complexes containing Quinoline based ligands.
- xiii) Dr.M.N.Abubacker, Reader & Head, Department of Botany submitted a proposal to UGC for Financial Assistance for Minor Research Project on **Toxicity of plant Extracts on Aflatoxin producing fungi**.
- xiv) Dr.R.Balasubramanian, Head, Department of Philosophy submitted a proposal to UGC for Financial Assistance to conduct a National Seminar on **The crisis of human culture and ethical values are causes for Global Terrorism**.
- xv) Dr.V.Nandagopalan, Reader, Department of Botany submitted a proposal to UGC for Financial Assistance for a Minor Research Project on Workshop on Biodiversity and Conservation of Mangrove vegetation.
- xvi) Thiru.S.Kumaresan, Lecturer, Department of Physics submitted a proposal to UGC for Financial Assistance for a Minor Research Project on **Nano Crystalline CdZns films for opto electronic applications**.
- xvii) Thiru.T.Sridhar, Lecturer (SS), Department of Economics submitted a proposal to UGC for Financial Assistance for a Minor Research Project on **an Analytical approach to Unorganized Labourers in Tiruchirapalli**.
- xviii) Dr.B.Muthukumar, Reader, Department of Botany submitted a proposal to MOEF for Financial Assistance to organize a Workshop on **Biodiversity conservation** and **Establishment of people's Biodiversity register in Tiruchirapalli**.

Annexure II

Telephone: - 2649450 2(TN) Naval Unit NCC N0.6, Alamelu Nagar Pasupathy Nagar West

Anaiyar – Post MADURAI – 625 017

109/1/TRG/SU 10 Apr 2008

The Principal National College Trichy – 620001

Sir,

RAISING OF NEW NAVAL NCC SUB UNIT; NATIONAL COLLEGE; TRICHY SELECTION OF ANO & CADETS; INSTRUCTION FWD OF

- Approval of DG NCC is hereby accorded vide ltr.No.8088/TN/NCC HQ/Plg dated 07 Mar 08 for raising a new NCC Sub Unit (Naval) at your college with immediate effect subject to the existing teams and condition of NCC with <u>strength of SD</u> Cadets.
- **2.** The guidelines for selection of ANO/Caretaker and Cadets are enumerated below:-

(a)ANOs:-

One candidate will be nominated for appointing as Associate NCC Officer for your sub unit NCC. Suitable candidate will be proposed before raising the SU NCC. The candidate proposed for ANO will act as Caretaker NCC till getting approval of ANO. Commission from DGNCC, New Delhi.

(b)CADETS:-

54 Boys cadets will be available for selection process, preferably volunteers and physically fit. Convenient date is to be intimated to this unit for selection of cadets. The undersigned would personally interview each cadet.

(c) CAMPS:-

There are various camps conducted every year. The ANO and cadets of your sub unit are required to be spared as per allocation for the campus as and when requirements are projected. The types of campus conducted are listed below:-

- i. Nau Sainik Camp
- ii. Combined Annual training camp
- iii. Republic day camp
- iv. Ship attachment at Mumbai
- v. Sea Trg camp at Vishakapatnam
- vi. Trekking for Boy/Girl cadets & mountaineering expedition
- vii. National Integration Camp at other states
- viii. Ship modeling training/Completions

(d)OFFICE SPACE:-

The institution is to exclusively allot Naval Wing Office and Store Office for storage of Clothing/Uniforms and allied training stores.

(e)LASKARS:-

The dedicated Laskar is to be nominated to assist the ANO for administrative functions of Sub Unit Office.

- **3.** It is submitted that the successful and smooth functioning of all NCC activities depends upon the earnest co-operation of the institution and the efficiency of ANO and Cadets.
- **4.** It is therefore requested that necessary arrangements may please be made for section of cadets and ANOs. An additional sub unit is indeed a pride to this unit, since the emergence of new wing would further strength of the unit and Group HQs as well.

Commanding Officer (VG Subramanian) Captain (IN)

List of lectures delivered under the auspices of Academic Association 2007 – 2008

Annexure III

S.No.	Department	Topic of the Lecture	Name and Address of
			the speaker
1.	Botany	Transgenic Plants And Gm Foods	Dr.N.Selvaraj
2.	Chemistry	Nano Science	Prof.S.Ponnusamy, Government Arts College, Coimbatore
		Globalization	Mr.V.K.Poddar, Commissioner of Income Tax
3.	Commerce	Latest Commercial Practices	Mr.S.Srivatsan
		Share Market operations	Dr.Selvaraj, Reader in Commerce, Nehru Memorial College, Puthanampatti
		Rural welfare measures in India	Dr.M.Therasnatham, IIS, field publicty officer
4.	Economics	Challenges before Indian Agriculture and Food Scarcity.	Dr.R.Rajendran, Department of Economics, Periyar EVR College, Trichy
		The Role of Mass Media Today	Prof.K.Santhanam, Principal, Kurinji College, Trichy
5.	English	The significance of Technological Innovations in the Learning Process.	Dr.K.Swaminathan, Chief Educational Officer, Trichy
		Literature at Readers Response	Dr.N.Kalamani, Reader in English
6.	Geology	Recent Trends in Remote Sensing and GIS	Dr.C.J.Kumanan, Senior Lecturer, Centre for Remote Sensing, Bharathidasan
		வரலாறு தரும் பாடங்கள்	University, Trichy Dr.M. விஜி, வரலாற்றுத் துறை பேராசிரியா, புனித
7.	History	பண்டைய கால இந்தியாவின் அறிவியல் மற்றும் தொழில் நுட்பம்	சிலுவைக் கல்லூரி, திருச்சி திரு.T.V.ரெங்கராஜன், இதிகாச சங்கீலன சமிதியின் ஒருங்கிணைப்புச் செயலர்
8.	Mathematics	Success Through Soft Skills	Prof.G.Ravindran, Head, Department of English, St.Joseph's College, Trichy-2.
		Applications of Graph Theory	Dr.A.Muthusamy, Reader in Mathematics, Bharathidasan University, Trichy.

9.	Philosophy	Saranagative	Prof.D.J.Rengaswamy, Professor of Philosophy, Tamil University, Thanjavur.
		Research in Crystal Growth	Dr.K.Ramamoorthy, Professor, Centre for Crystal Growth, Department of Physics, Bharathidasan University, Trichy.
10.	Physics	Perusing Research in Both India and Abroad	Miss.R. Archana, Research Scholar, Department of Medical Science, University of Hanover, Germany
		Films and its applications	Dr.S.Uthanna, Professor, Department of Physics, Venkateswara University, Tirupathi.
		Nano Technology and Nano Materials	Dr.K.R.Murali, Scientiest, CECRI, Karaikudi
		அன்று (இன்று) வந்ததும் அதே நிலா இணையமும் தமிழும்	முனைவர் அ.அநிவொளி, முனைவர் தி.நெடுஞ்செழியன்
11.	Tamil		அ.வ.அ. கல்லூரி, தமிழ்த் துறைப் பேராசிரியர், மயிலாடுதுறை
		நாட்டுப்புறப் பாடல்கள்	பேராசிரியர் மனோன்மணி உருமு தனலெட்சுமி கல்லூரி, திருச்சி

Details of the endowments created to give away prizes for outstanding students

- 1. Prof.Parthasarathi Endowment for Best Sanskrit Student
- 2. Mr. Ekambaram Endowment for Best outgoing II M.A. Philosophy student
- 3. Sri.K.Varadharajan Endowment for Best outgoing II M.Sc. Geology student
- 4. Caption C.B.S Manian Endowment for Best outgoing B.A. Student
- 5. Dr.T.Pitchiappa Endowment for Best outgoing Sports Champion
- 6. Tmt.B.N.Rajeshwari Endowment for Best outgoing B.Sc. Botany student
- 7. Dr.R.Ragothaman Endowment for Best outgoing II M.A. Tamil Student
- 8. S.T.Venkatraman Endowment for Best outgoing B.A. Economics
- 9. K.Sridharan Endowment for Best outgoing II M.Sc. Chemistry student
- 10. K.R.Krishnaswamy Endowment for Best outgoing III B.Sc. Chemistry student
- 11. Mrs.Lalitha Venkataraman Endowment for Best outgoing Part I Tamil student
- 12. Rama Krishna Indira Endowment for Best outgoing II M.A. Economics student
- 13. Prof.Dr.S.Ramanath Endowment for Best outgoing student in logic UG & PG
- 14. Sri.G.Sundaram Endowment for Best I year English Literature out standing student
- 15. Sri.S.Pushpavanam Endowment for outstanding students in BA/MA English
- 16. TGP Haran Endowment for Best outgoing III B.Sc. Mathematics.

List of Seminars / Workshops/ Conference conducted in the College during the year 2007-2008

- 1) A Workshop on **Horticulture** for Women was organized by the Department of Botany on 30-08-2007.
- 2) MOEF Sponsored Workshop on **Biodiversity Conservation & Environmental Awareness** was organized by the Department of Botany on 5th February 2007.
- 3) TNSCST Sponsored Orientation Programme on **Geo-Science for School Teachers** was organized by the Department of Geology from 05-09-2007 to 07-09-2007.
- 4) UGC Sponsored National Seminar on **Coastal Zones of India** was organized by the Department of Geology on 6th and 7th December 2007.
- 5) DST Sponsored Workshop on **Coastal Non-Living Resources** was organized by the Department of Geology from 13th to 15th March 2008.
- 6) Regional Seminar on **Social relevance of the Philosophy of Saint Ramalingam** was organized by the Department of Philosophy on 1st Aug.2007.
- 7) A Seminar on **Emerging Scenario in Zoology** was organized by the Department of Zoology on 27.9.07
- 8) A National Level Seminar on **Recent Advances in Physical Organic Chemistry** was organized by the Department of Chemistry on 11th and 12th

 March, 2008.
- 9) A National Seminar on **Crystal Growth of Non-Linear Optical Materials** was organized by the Department of Physics on 3rd and 4th of March 2008.
- 10) A Workshop on **Share Market for Women** was organized by the Department of Commerce on 24th March 2008.
- 11) A Faculty Development programme was organized by IQAC of our College on 31st August and 1st September 2007.
- 12) A **Faculty Development programme** for the newly appointed staff members was conducted from 26-12-2007 to 31-12-2007.
- 13) The IQAC of our College conducted a NAAC sponsored National Workshop on Measures for Providing Quality Education in Colleges with Students of Rural and Semi-Urban Background on 16th & 17th February 2008.

List of Endowment lectures organized

Department of Mathematics

The Department of Mathematics conducted Dr.R.Balakrishnan Endowment Lecture VIII on 19th March 2008. Dr.A.Vijayakumar, Professor of Mathematics & Chairman, Faculty of Science and Humanities, Anna University, Chennai spoke on **Stochastic Modelling of Queuing Systems**.

Department of History

The Department of History conducted Thiru G.Venkatasubramanian Endowment Lectureon 27th February 2008. Dr.K.Mohan Ram, Head (Retd) PG Department of History, Periyar EVR College, Trichy. Spoke on **Revisiting 1857 Uprising**.

List of members of Staff who were awarded with cash incentives for publishing Research papers / Books

Annexure - VII

S.No.	NAME	DESIGNATION	AMOUNT
1.	Dr.V.Gokula	LSS in Zoology	500/-
2.	Dr.V.Gokula	LSS in Zoology	500/-
3.	Dr.V.Nandagopalan	Reader in Botany	500/-
4.	Dr.E.Natarajan	Lecturer in Botany	500/-
5.	Dr.R.Ravichandran	LSS in Tamil	1000/-
6.	Dr.S.V.Srinivasa Vallabhan	Reader in Commerce	250/-
7.	Dr.R.Sabhapathy	Reader in Tamil	500/-
8.	Dr.D.Manikandan	Lecturer in Tamil	500/-
9.	Dr.V.Gokula	LSS in Zoology	1000/-
10.	Dr.V.Kumar	Reader & Head in Geology	1000/-
11.	Dr.S.V.Srinivasa Vallabhan	Reader in Commerce	500/-
12.	Dr.M.N.Abubacker	Reader & Head in Botany	500/-
13.	Dr.K.Vivekanandan	Reader in Chemistry	250/-
14.	Ms.L.Pushpalatha	LSS in Chemistry	250/-
15.	Dr.R.Ramasamy	Lecturer in Physics	250/-
16.	Sri.M.Iyanar	Lecturer in Physics	250/-
17.	Sri.P.Raghavan	Librarian	250/-
18.	Sri.M.Iyanar	Lecturer in Physics	250/-
19.	Sri.S.Muruganandham	Lecturer in Physics	250/-
20.	Ms.S.Rahini	Lecturer in Commerce	500/-
21.	Dr.S.Indira	LSS in Chemistry	250/-

22.	Dr.M.N.Abubacker	Reader & Head in Botany	250/-
23.	Sri.P.Raghavan	Librarian	250/-
24.	Dr.R.Ramasamy	Lecturer in Physics	250/-
25.	Dr.V.Gokula	LSS in Zoology	1000/-
26.	Dr.D.Saravanan	Lecturer in Chemistry	500/-
27.	Dr.K.Kumar	LSS in Commerce	500/-
28.	Sri.S.Gnanasekaran	LSS in Commerce	500/-
29.	Sri.P.Parimalasekar	LSS in History	500/-
30.	Dr.T.Sudhakar	Lecturer in Economics	500/-
31.	Dr.N.Kannan	Lecturer in Economics	300/-
32.	Dr.V.Gokula	LSS in Zoology	250/-
33.	Mr.P.Saravanakumar	II M.Sc. Physics Student	200/-
34.	Mr.B.Rajesh	II M.Sc. Physics Student	200/-
35.	Mr.M.Yuvaraj	I M.Com Student	200/-
36.	Mr.G.Srinivasan	I M.Com Student	200/-
37.	Mr.V.Raju	I M.Com Student	200/-
38.	Mr.P.Mohan	I M.A. English Student	200/-
		Total	15,750/-

BHARATHIDASAN UNIVERSITY, TIRUCHIRAPPALLI 620 024 M.Phil Geology (FT / PT) Programme REVISED COURSE STRUCTURE UNDER CBCS

(For the candidates admitted from the academic year 2007-2008 onwards)

Sem-I	Title of the Course	IA	Marks UE	Total	Credits
Course-I	Research Methodology	25	75	100	4
Course-II	Recent Researches in Geology	25	75	100	4
Course-III	Image processing and Geographical	25	75	100	4
	Information System				
Sem-II					
Course-IV	Elective (Any one)	25	75	100	4
	1. Applied Micropaleontology				
	2. Applied Sedimentology and stratigraphy				
	3. Environmental Hazards & Management				
	4. Digital Image Processing				
	5. Drainage Network Analysis				
	6. Coastal Geomorphology				
	Dissertation and Viva-Voce Viva Voce	200	(150+50)		8
	Viva Voce 50 marks				
	Dissertation 150 marks				

Question Paper Pattern (Course I - IV)

- Part A: Two questions from each unit (without choice) each question carries 2 marks. (10x2=20)
- Part B: One "EITHER OR" questions from each unit each question carries 5 marks (5x5=25)
- Part C: One question from each unit. Each question carries 10 marks. The candidate has to answer three questions out of the five questions (3x10=30)

BHARATHIDASAN UNIVERSITY, TIRUCHIRAPPALLI 620 024 M.Phil Botany (FT / PT) Programme REVISED COURSE STRUCTURE UNDER CBCS

(For the candidates admitted from the academic year 2007-2008 onwards)

Sem-I	Title of the Course	IA	Marks UE	Total	Credits
Course-I	Research Methodology	25	75	100	4
Course-II	Plant Molecular Biology	25	75	100	4
Course-III	Biochemistry and plant Physiology	25	75	100	4
Sem-II					
Course-IV	Elective (Any one)	25	75	100	4
	1. Advances in plant Development				
	2. Plant Pathology and Protection				
	3. Microbial Biotechnology				
	4. Plant Biotechnology				
	Dissertation and Viva-Voce	200	(150+50)		8
	Viva Voce 50 marks				
	Dissertation 150 marks				

Qestion Paper Pattern (Course - IV)

- Part A: Two questions from each unit (without choice). Each question carries 2 marks. (10x2=20)
- Part B: One "EITHER OR" questions from each unit each question carries 5 marks (5x5=25)
- Part C: One question from each unit. Each question carries 10 marks. The candidate has to answer three questions out of the five questions $(3\times10=30)$

BHARATHIDASAN UNIVERSITY, TIRUCHIRAPPALLI 620 024 M.Phil Chemistry (FT / PT) Programme REVISED COURSE STRUCTURE UNDER CBCS

(For the candidates admitted from the academic year 2007-2008 onwards)

Sem-I	Title of the Course	IA	Marks UE	Total	Credits
Course-I	Research Methodology and Laboratory	25	75	100	4
	Techniques				
Course-II	Physical Methods in Chemistry I	25	75	100	4
Course-III	Physical Methods in Chemistry II	25	75	100	4
Sem-II					
Course-IV	Elective – (Any one)	25	75	100	4
	1. Modern Methods of organic synthesis				
	2. Bioinorganic Chemistry				
	3. Principles and Applications of Organometallic				
	Chemistry of Transition Metals				
	4. Principles and advances in Medicinal				
	Chemistry				
	5. Photophysics and photochemistry				
	6. Molecular Modeling and Chemo &				
	Bioinformatics				
	7. Nanochemistry				
	Dissertation and Viva-Voce	200	(150+50)		8
	Viva Voce 50 marks				
	Dissertation 150 marks				

Question Paper Pattern (Paper I – IV)

- Part A: Two questions from each unit (without choice). Each question carries marks (10x2=20)
- Part B: One "EITHER OR" question from each unit. Each question carries marks (5x5=25)
- Part C: One question from each unit. Each question carries 10 marks. The candidate has to answer three questions out of the five questions (3x10=30)

Annexure IX

List of inter disciplinary papers offered in the college

SI. No.	DEPARTMENT OFFERING THE ELECTIVE COURSES	TITLE OF THE ELECTIVE COURSES
		For B.A. Tamil Students
		Elective Course I : நாட்டுபுறவியல்
		Elective Course II : கவின் கலைகள்
1.	TAMIL	For Other Department Students
		Elective Course III : மனித உரிமைகள்
		Elective Course IV : சிந்தனையியல்
		For B.A. Economics Students
		Elective Course I : Advertisement Management
2.	ECONOMICS	Elective Course II: Tourism Economics
۷.	ECONOMICS	For Other Department Students
		Elective Course III : Energy Economics
		Elective Course IV : Agricultural Economics
	ENGLISH	For B.A. English Students
		Elective Course I : English Language Teaching
3.		Elective Course II: Translation Theory and Practice
0.		For Other Department Students
		Elective Course III : Tourism
		Elective Course IV: Journalism
		For B.A. History Students
		Elective Course I : Journalism
		Elective Course II: Human Rights
4.	HISTORY	For Other Department Students
		Elective Course III : Panchayat Raj with special
		reference to Tamil Nadu
		Elective Course IV: History of freedom Movement
		In India from 1885 to 1947AD
		For B.A. Philosophy Students
		Elective Course I : Professional Ethics
	DUIL OCODUV	Elective Course II : Tamil Culture
5.	PHILOSOPHY	For Other Department Students
		Elective Course III : Gandihian Thought (Truth and
		Non-violence)
		Elective Course IV: Philosophy of Yoga

		For B.COM. Students
		Elective Course I : International Trade OR
		Co-operation Theory
		Elective Course II : Labour Law OR
		Management of Small Business
6.	COMMERCE	For Other Department Students
		Elective Course III : Advertising Management
		OR Accounting Practices
		Elective Course IV: Import & Export Procedure
		OR Marketing Practices
		For B.Sc. Mathematics Students
		Elective Course I : Operations Research
		Elective Course II : Astronomy
7.	MATHEMATICS	For other Department Students
		Elective Course III : Programming in C for Numerical Methods
		Elective Course IV: Mathematical Modeling
		For B.Sc. Physics Students
		Elective Course I : Spectroscopy and Laser Physics
	PHYSICS	Elective Course II: Integrated Electronics
8.		For other Department Students
		Elective Course III : Energy Physics
		Elective Course IV: Molecular Biophysics
	CHEMICEDY	For B.Sc. Chemistry Students
		Elective Course I : Analytical Chemistry
9.		Elective Course II : Polymer Chemistry
J.	CHEMISTRY	For other Department Students
		Elective Course III : Agricultural Chemistry
		Elective Course IV: Industrial Chemistry
		For B.Sc. Botany Students
		Elective Course I : Biotechnology
10.	BOTANY	Elective Course II: Biostatistics and Computer Application in Botany
		For other Department Students
		Elective Course III : Medical Botany
		Elective Course IV: Bio-fertilizers & Bio-pesticides
		For B.Sc. Zoology Students
		Elective I (Any one)
		1. Aqua Culture
		Ornamental Fish Culture Poultry Science
11.	ZOOLOGY	Elective II (Any one)
11.		Vermiculture – Vermi Bio-composing Sericulture
		6. Apiculture
		For Other Department Students
		Elective III (Any one)
		7. Fish Processing Technology

		Wild Life Biology Economic Entomology			
		Elective IV (Any one)			
		10. Public Health Hygiene11. Human Nutrition12. Communicable Diseases and Management			
		For B.Sc. Geology Students			
	GEOLOGY	Elective Course I : Hydrogeology and Engineering Geology			
12.		Elective Course II: Remote Sensing GIS and Mining			
12.		For other Department Students			
		Elective Course III : Environmental Geology and Marine Geology			
		Elective Course IV: Geo-Exploration			

Teachers who participated in Orientation Course

S.No.	Name	Department
1.	Dr.E.Natarajan	Botany
2.	Dr.D.Saravanan	Chemistry
3.	Dr.V.Vasanthamohan	Geology
4.	Thiru.A.Vijayasankar	Mathematics
5.	Thiru.S.Kumarasen	Physics
6.	Dr.R.Ramasamy	Physics
7.	Thiru.V.Harihara Krishnan	Physics
8.	Dr.S.Neelagandan	Tamil

Teachers who participated in Refresher Course

S.No.	Name	Department
1.	Thiru.M.S.Balamurugan	English
2.	Dr.K.Kumar	Commerce
3.	Thiru.P.Shanmuganandham	Mathematics
4.	Thiru.A.T.Ravichandran	Physics
5.	Thiru. M.Elanthirayan	Physics
6.	Dr.T.V.Sundar	Physics
7.	Dr.R.Ravichandran	Tamil
8.	L.Pushpalatha	Chemistry
9.	B.Latha	Chemistry
10.	Thiru.S.Pari	Physics

Annexure - XI

Details of Research scholars M.Phil.

Department Total Economics 15 English 04 Tamil 24 Philosophy 01 Maths 15 Chemistry 01 03 Botany Geology 01 Total 64

Ph.D.

Department	Total
Botany	5
Chemistry	9
Commerce	13
English	2
Geology	12
Mathematics	5
Physics	8
Tamil	36
Physical Education	8
Total	98

Details of Community services offered by the College through NCC NSS and other Clubs

Activities of NCC (Air Wing) For the Year 2007 - 2008

The achievements and special programmes of NCC (Air Wing) are reported here under.

Republic Day Parade

LFC Abdul Rahman, II B.B.A, took part in the Republic Day Parade, 2008 at New Delhi. He won the Silver Medal in Control Line Speed Competition.

Vayusainik Camp

LFC R. Jeyaprakash, LFC V. Maveeran, LFC P. Saravanan and LFC S. Sivamani attended the All India Vayusainik Camp held at Bangalore during Sept. 2007. LFC R. Jeyaprakash won the Gold Medal in Skeet Shooting.

Air Attachment Camp

CWO K. Mohan and Sgt. G. Gopalakrishnan attended the Air Attachment Camp held at Air Force Station, Tambaram, Chennai.

National Integration Camp

FC S.G. Arjun and FC Vijayakumar attended the National Integration Camps held at Chennai & FC Sathish, FC S. Akilandeswari and Sheela attended the National Integration Camp held at Gujarat. CUO S. Sivaraman also attended the National Integration Camp held at Mysore.

All India Trekking Expedition

Sgt. C. Dhineshkumar, Sgt. V. Pandian and Sgt. G. Gopalakrishnan participated the All India Trekking Expedition held at Gujarat.

Annual Training Camp

In the Combined Annual Training Camp held for 12 days during June 2007 at MNU Jeyaraj Nadar Higher Secondary School, Madurai, the NCC (Air Wing) of our College emerged on top in various competitions.

Best Associate Ncc Officer (Ano) Award

NCC Cadets who participated in RD 2008 Parade were felicitated at Jamal Mohamed College, Tiruchirapalli by the NCC Group, Tiruchirapalli during Feb.2008. At the function, Flying Officer Dr. R. Sundhararaman was presented **The Best NCC Senior Division Air Wing ANO Award.** The award given by Dr. Sheik Mohamed, Principal, Jamal Mohamed College, Tiruchirapalli in the presence of Col Benz K Jacob, Commander, Tiruchy Group.

COMMUNITY DEVELOPMENT PROGRAMME

Free Eye Check up Camp

As many as 1000 students and staff of National College, Tiruchirapalli were benefited by the **Free Eye Check Up Camp** conducted by NCC (Air Wing) of National College in collaboration with Dr. Agarwal Vasans Eye Hospital, Thillainagar, Tiruchirapall on 18.07.2007. Ophthalmologists and staff of the Hospital performed the eye check up for students and staff of the College with great enthusiasm and devotion.

Free Blood Grouping Camp

Free Blood Grouping Camp was conducted at the College auditorium in collaboration with Doctors' Diagnostic Laboratory & Blood Bank, Tiruchirapalli on 25th July 2007.

Cancer Awareness Rally

A cancer awareness rally was organized by on 9th Jan. 2008. The rally commenced from National College. It proceeded from the college to NCC headquarters via Aristo Hotel, Railway Junction, Head Post Office and Othakadai. The students carried Placards containing slogans for creation of awareness as well as the evils of tobacco. They raised slogans and distributed pamphlets.

Release of Blood Donors Directory

The importance of a Directory of willing blood donors cannot be explained in words. As ready reference, such a directory can save invaluable human lives. The NCC (Air Wing) of National College, Tiruchirapalli is acutely conscious of the need for Blood Donors Directory. Elaborate preparations were made meticulously. A special free camp was held on 25th July 2007 for blood grouping of 200 prospective donors. Five such camps were held at monthly intervals and blood grouping was done for 1,288 donors. A Directory of prospective donors from among the students and staff of the College was prepared.

The Directory was released on 28th February 2008 by Mr. R. Ramasubbhu, Associate Editor, Dinamalar, Tiruchirapalli at a function held at the College. The first copy was received by Col. Benz K Jacob, Commander, Tiruchy Group, Tiruchirapalli. JThe copies of the directory have been distributed to the hospitals in and around Tiruchirapalli.

Campus Beautification

A new landscaped garden has been created by NCC (Air wing) in the College premises.

2TN BATALLION NCC ARMY WING

The achievements and special programs of NCC Army wing are reported here.

TRAINING

100% enrolment was done this year also. Training was given in Drill, Weapon handling, Field and Battle craft, Map reading. Kajamalai hill was chosen for Map reading practice.

CAMPS

Talsainik camp

Attended by Cpl. D. Marimuthu of II B.Sc. Chemistry at New Delhi. The Trichy team won the over all prize in firing.

National Integration camp

Attended by U/O C. Chandru of III B.A. Eco. And U/O R.Rajendran of III B.Sc. Bot at Srinagar, Jammu & Kashmir and won first prize in group dance.

National Integration camp

Attended by U/O C. Muniyappan of III B.A. His. And Sgt. B.Ayyappan of III B.Sc. Phy at Ranchi, Jharkand.

National Integration camp

Attended by CSUO P. Sivakumar, III BA Eng. Lit, U/O S. Giridas of III B.Sc.C.Sc., Sgt. T.Sisikumar of III B.Sc. Che., Sgt. K.Muniyappan III BA His.,Sgt. R.Sakthivinayagar of III B.Sc. Che. at Thiruchendur, in TamilNadu.

Army Attachment Camp

Attended by CSUO P. Sivakumar, III BA Eng. Lit, CQMS K.Silambarasan III B.Sc. Geo., U/O N. Ragubathi, III BA Eco., and Sgt. B.Ayyappan, III B.Sc. Phy. At Hyderabad and won First prize in Drill competition.

Combined Annual Training Camp

Attended by 25 SD cadets at Jamal Mohammed College, 15 SD cadets at NIT and 10 SD cadets at BHEL Higher Secondary School. 11 SW girls attended CATC camp at Jamal Mohammed College, and 7 SW girls at BHEL Higher Secondary School. Our 10 cadets attended in CATC at kumbakonam.

Inter Unit Competition at NIT

Our cadets of 2TN battalion actively participated and won the Group Commander Banner for this academic year which is the greatest achievement of this year.

SOCIAL ACTIVITIES

Free Medical Camp

This year the NCC Army wing of our college conducted Free Medical Camp at K.Sathanur. More than 800 people were benefited by this camp. The specialists in areas like ENT, Dermatology, Gynecology, Pediatrics and General Medical Practitioners examined the people and Free Medicines were given to the people by efficient Pharmacists.

Foot Rally

Anti tobacco rally was conducted in the month of September, which was flagged off by our Principal, Dr.K.Anbarasu. The rally started from National College and Completed in Main Guard Gate.

Traffic Control Awareness rally was conducted which was flagged off by Mr.Kaliamoorthy, Deputy Commissioner of Police.

AIDS awareness rally was flagged off by Madam Chitnavis, W/O Deputy DG, Chennai.

Cycle Rally

Save Environment and Anti plastic awareness rally was conducted from National College to Puliyancholai. More than 200 kms was covered which included 25 villages where slogans and notice were distributed to the people. Our cadets cleaned Puliyancholai picnic spot and made the place free of plastic.

Result

This academic year 100% result was achieved in B certificate and CSUO P.Sivakumar got "A" Grade. 95% result in C certificate was achieved.

Best Cadets of this academic year are CSUO P. Sivakumar of III BA Eng. Lit. and U/O R.Rajendran of III B.Sc. Bot. **Capt.C.ASOKKUMAR** received a certificate for the commendable contribution and service rendered in close association with NCC Group HQ, Trichy from the **Gp. Cdr .T.M.Shanmugam** on 30th March 2007.

NCC ARMD SQN

- 1) 2(TN) Armed Squad NCC won the Chief Minieter's Banner.
- 2) CUSO P.Kumaraperumal attended National Integration camp at Punjab in November 2007.
- 3) CUSO K.Selladurai attended all India Trekking camp at Kerala in January 2008.
- 4) Our cadets have passed with hundred percent results in 'C' certificate and 98% in 'B' certificate.
- 5) Lt.D.Muthuramakrishnan attended the Basic Leadership Camp at Bihar.

NSS - NATIONAL SERVICE SCHEME

In the year 2007 and 2008 two fresh NSS Units have been started. There are four units of NSS. Four NSS Programme Officers have been appointed for the units. They are

Unit: I - Thiru.V.Ramkumar, LSG, Dept. of History

Unit: II - Dr.Rajarathinam, Reader in Dept. of Tamil

Unit: III - Thiru.S.Gunasekar, LSS Dept. of Philosophy

Unit: IV - Thiru.D.E.Benet, LSG, Dept. of English

NSS Unit I of our College organized NSS Programme Officers Meeting at National College on 14-07-2007.

Unit – I Programme Officer Prof.V.Ramkumar took much pain in arranging the Two Wheeler Yatra undertaken in the memory of Salt Satyagraha from Tiruchirapalli to Vedaranyam. His services were very much appreciated by Vice-Chancellor and Registrar of Bharathidasan University.

NSS Unit I of National College, Tiruchirapalli, P.G Department of Social Work, Jamal Mohammed College and the spastic society of Tiruchirapalli jointly organized "An Awareness programme on Cerebral palsy" on 13.09.2007 Dr.Kingsley P. Jebakumar, Consultant Paediatrician, Trichy was the Chief Guest. He delivered a motivation speech for the students. Mr.C.Santha kumar, Director Spastic Society, Trichy and Mr.A.Safeer, Lecturer, Jamal Mohamed College, Trichy addressed the gathering. Mr.S.Baranidharan, II M.S.W., Jamal Mohamed College, made the arrangement for the function and welcomed the gathering.

NSS Unit III conducted a three day "Village Environmental Awareness Camp" from 10.08.2007 to 12.08.2007 in Tharagampatti. Volunteers of the unit besides cleaning the streets and temples of the village, planted hundreds of saplings around the Village. Dr.V.Nandagopalan, LSS Department of Botany, National College, delivered a lecture on cancer and diabetes. Dr.Kannan of EID Parry India Ltd. conducted a free medical camp.

A programme on **Rural Environmental Awareness** was jointly organized by N.S.S., Unit- III of our college and SEED (NGO) Karur, at Tharagampatty village for three days from August 10, 2007 to August 12, 2007.

NSS Volunteers participated in the crowd control at Mookkombu during Adiperukku Festival, extended their services at the Sri Sathiya Sai Conference held at National College at 05-08-2007, stream lined the large gathering of devotees at Rock fort temple, Trichy on the occasion of Vinayakar Chathurthi, rendered their services of cleaning the bushes in the College campus, participated in the Independence Day and Republic Day celebrations, participated in the "Science for Sanitation" rally sponsored by Tamil Nadu State Council for Science and Technology, Chennai and The Department of Science and Technology, New Delhi and organized by our College and rendered their

service in **NACOFEST** Programme jointly organized by the Department of English and the Department of Tamil of Our college for three days.

YOUTH RED CROSS SOCIETY

12 Volunteers have attended a district level workshop (Inter – Collegiate) on 'Youth & Media' organized by St.Joseph's College (Autonomous), Trichy – 2. on 11-02-2008 & 12-02-2008.

10 Volunteers have participated in one day District Level Youth Red Cross Functionaries Meet organized by Bishop Heber College, Trichy on 04-03-2008.

As urnal our volunteers have donated blood for patients in and around Trichy hospitals.

BOYS SCOUT ASSOCIATION

- 1. Ten boy scouts from our Colllege Scouts Service (CSS), affiliated to the All-India Boy Scouts Association, New Delhi attended the "Commissioners and Scouter's Conference" held at Calcutta Club Sports Complex, Howrah, Kolkata on 18-19, August 2007.
- 2. A total of 65 Boy Scouts and Rovers led by Thiru R. Elavarasu, Lecturer (SG) Department of English, attended an "Inter-State Youth Exchange and Scout Training Camp" at Vazhakkad, Kerala from 25-27th Dec. 2007. Additionally "Disaster Management" training was also imparted to the student participants by a team of reputed specialists medical practitioners of MIMS Hospital, Calicut. The training was highly educative, useful, and a grand success.
- 3. Thiru R.Elavarasu, Lecturer (SG) Department of English of our college has been nominated by the State Head Quarters, All India Boys Scout Association (AIBSA), as the Assistant Public Relations Officer, AIBSA, for Thanjavur District, Tamilnadu.

GENDER CLUB

- 1. Prof.R.Elavarasu, Programme Coordinator Gender Club National College has attended a workshop on Gender sensitization at kauveri College, Trichy.
- 2. Ten Students from various classes of our college have participated in a series of workshop on gender issues at Bharathidasan University.
- 3. Girl students of I B.Com., 'B' and I B.A., English have participated in various cultural programmes conducted by Bharathidasan University at Kauveri College, Christ raj College and Andavar College, Trichy.

RRC - RED RIBBON CLUB

The inaugural function of the **Red Ribbon Club and Abstinence Club was held** on 12th July, 2007. The field officer, **Ms.Jessaria Mary, Bharathidasan University**, was the Chief Guest. She demonstrated how teaching modules could be used to conduct weekly programme related to awareness and prevention of AIDS. On Blood donation day / in the month of September, various competitions like oration, drawing, poem

writing and essay writing were conducted for youth. Twenty students attended the rally conducted to promote HIV / AIDS awareness on WORLD AIDS DAY, 2nd December 2007. The Valedictory function was held on **19-03-2008**. **The Principal Dr.K.Anbarasu** was the chief guest and he distributed the certificates and prizes to the student members.

USSC - (UNIVERSITY STUDENT SERVICE CORP)

On behalf of University Student Service Corp of National College, the second year inauguration meeting was held on 10.09.2007, at the College Auditorium at 12.30 p.m. Mr.Parasuraman, Zonal Secretary, Trichy and Arulnithi Jambulingam delivered special lectures. More than fifty students participated in the meeting. As a follow up action expert trainers of world Community Service of Trichy imparted training to students between 8.30 a.m. and 9.15 a.m. for one month till 10.10.2007. The training includes Meditation, simple physical exercise, the are of Mental Health and Kaya Kalpam.

SHG - (SELF HELP GROUP)

Various Self Help Groups of the city conduct exhibition cum sale of the products produced by them once in a month in the College premises. They find a reasonably good sale of the products during the exhibition.

Annexure - XIII

List of staff members newly appointed

1.	Dr.S.P.Anand	Botany
2.	Thiru.K.Ramar	Botany
3.	Dr.V.Renuga	Chemistry
4.	Thiru.S.Arun Prabhu	Chemistry
5.	Dr.M.Sharmila	Commerce
6.	Ms.N.Renganayaki	Economics
7.	Thiru.V.Sri Ramanchandran	English
8.	Ms.S.Jayalakshmi	English
9.	Ms.V.Srividya	English
10.	Thiru.S.Selvaraj	Geology
11.	Thiru.S.Sriram	Mathematics
12.	Ms.Manju Somanath	Mathematics
13.	Thiru.K.Raja	Mathematics
14.	Thiru.B.S.Srikanth	Physics
15.	Thiru.S.Muruganantham	Physics
16.	Thiru.M.Iyyanar	Physics
17	Ms.A.Shanthi Devi	Physics
18.	Ms.J.Geethapriya	Physics
19.	Dr.A.Muruganandham	Tamil
20.	Dr.R.Sundaravel	Tamil
21.	Thiru.A.Krishnan	Tamil
22.	Thiru.T.Ramadoss	Tamil

List of Guest Lecturers

1.	Thiru.S.Vinoth kumar	English
2.	Ms.K.Bhuvneswari	Tamil
3.	Dr.T.Sudhakar	Economics
4.	Dr.N.Kanna	Economics
5.	N.S.Sivakamasundari	Physics
6.	M.Venkatesan	Chemistry
7.	R.Kala	Tamil
8.	Dr.E.Ravi Kumar	Philosophy

Annexure - XIV
List of books purchased during the year 2007-2008

S.No.	Title	Author	Publisher	Total No.of Books
1.	Financial Management Principles of Practical	Maheswari	Sultan Chand	2
2.	விளம்பரமும் விந்பனைத்திநனும்	ராதா	பிரசன்னா	4
3.	Bio-Medical Instrumentation Less	M.Arumugam	Anu Radha	
4.	Fundamentals concepts in Environmental studies	Mishra D.D	Sultan Chand	2
5.	A text book of Bio-Technology	Dabey R.C.	Sultan Chand	1
6.	Economic Botany	Pandey B.P.	Sultan Chand	1
7.	Cytogenesis, Evolution, Bio Statistics and Plant breeding	Shukla R.S.	Sultan Chand	1
8.	A text book of Botany Angiosperms	Pandey B.P.	Sultan Chand	1
10.	A text book of Bio Technology	Dubey R.C.A.	Sultan Chand	1
11.	Plant Bio Technology	Ramawat K.G	Sultan Chand	2
12.	Bio Logical Instrumentation and Methodology	Bajpai P.K.	Sultan Chand	2
13.	A text book of plant physiology Bio Chemistry and Bio Technology	Verma S.K.	Sultan Chand	1
14.	Cytogenetics Evolution and Bio Statistics	Shukla R.S.	Sultan Chand	1
15.	Introduction to Bio Statistics	Banergee Pmanab kumar	Sultan Chand	2
16.	A text book of Botany	Vidyarthi R.D.	Sultan Chand	1
17.	Fundamental concepts in Environmental studies	Mishra D.D	Sultan Chand	1
18.	Physical Chemistry	Castellan Gril bert W	Narosa	1
19.	Principles of physical chemistry	Puri Sharma B.R.	Vishal	1
20.	Organic Chemistry	Madan R.L.	Sultan Chand	1
21.	Instant Notes organic chemistry	Patrick.G	Viva	1
22.	Fundamentals of Moleculary spectroscopy	Banwell	Tata Mcgraw – Hill	1
23.	Instant notes physical chemistry	Whittaker A.G.	Viva	1
24.	Complete Chemistry for AIEEE	Tata Mc graw Hill	Tata Mcgraw Hill	1
25.	Organic Relation Mechanisms	Bansal Raj	Tata Mcgraw Hill	1
26.	Instant notes physical chemistry	Whittakar A.G	Viva	1
27.	Computers and their applications to chemistry	Kumari R	Narosa	1

28.	Catalysis : Principles and Applications	Viswanathan.B	Narosa	1
29.	Inorganic Chemistry	Miessler L.Gary	Pearson	1
30.	The Complete works of William Shakespeare		Oxford & IBH	2
31.	Tughlaq	Goush Karnad	Oxford	1
32.	Positive aimaging	Norman Vincent peale	Orient	1
33.	An out line History of the English Language	Frederick wood	Mac wllam	1
34.	The social History of England	Xavier A.G.	S.Viswanathan	1
35.	Lamb Tales from Shakespeare	Charles & Mary lamb	Sahni	1
36.	International Tourism Management	Bhatia A.K.	Sterling	1
37.	Runway to success	Adukanil Mathew	Arunbu	1
38.	The Adventures of Sherlock Holmes	Doyle, Arthur Conam	Sahni	1
39.	The case – book of Sherlock Homes	Doyle, Arthur Conam	Sahni	1
40.	Naga – Mandala	Girish Karnad	Oxford	1
41.	Tough times Never Last but tough people Do!	Schuller Robert.H	Orient	1
42.	An outline History of English Literature	Hudson	B.I	4
43.	Lajwante	Mulk Raj Anand	Orient	1
45.	A Practical English Grammar	Thomson, A.J.A	Oxford	1
46.	Precis Weiting	Bright P.S.	Bright Careers	1
47.	Brave New World	Huxley, Aldous	Surgeet	1
48.	Around the world in eighty days	Verne, Jales	Macmullam	1
49.	Malgudi days	Narayan R.K.	Indian thought	1
50.	A History of Literary criticism	Blamires, Hary	Macnillam	1
51.	The discovery of India	Jawaharlal Nehru	Penguin	1
52.	Management Accounting	Ramachandran	Sriram	2
53.	Cost Accounting	Ramachandran	Sri ram	2
54.	Financial Management	Ramachandran	Sri ram	2
55.	An Introduction to information technology	Srinivasa Vallabhan	Sultan chand	2
56.	World History	Shanmuganathan		1
57.	Sundara Devaram	Kandaswamy S.N.	Institute of Asian Studies	1
58.	Thiruvaachakam Thirumarai the sixth	Ramachandran S.N	International Institute	1

59.	Periya Puranam	Sekkizhaar	Sri Ramakrishna	1
60.	Om Namashivaya Thiruvasagam	Iraianbam	Abhinav	1
61.	Kaivalay Navanitam	Charles graul	Kala samrakshana sanglem	1
62.	The Sivajnanabodha Sangrahabhasya of sivagrayogin	K.Jayammal	Radhakrishnan Institue	1
63.	Pathway to good though the Thiruvasakam	G.Vanmikanthan	A Thiruppanadal Shri Kasi	1
64.	Thirumurgatruppadi	S.Panchapaksay sastrigal	Shanmuga	1
65.	Temple chimes	S.P.Y.Surendharanat h Voeyeli	International Institute	1
66.	Sataratna sangraha of sri umapathi sivacarya	P.Thirugunasambam don	University of Madras	1
67.	Sankhyakarika of Isvara Krsna	S.S.Suryanarayan	University of Madras	1
68.	Of Human Bendage and Divine grace	V.A.Devasenapathy	Annamalai	1
69.	Saiva Siddhanta	Annamalai University	Annamalai	1
70.	Saiva Siddhanta	Neela Venkatachalam	Bharatiya	1
71.	சிவஞான போதப் பேரூரை	வை.முருகேசன்	மெய்கண்பான்	1
72.	முத்துக்குமாராசுவாமி பிள்ளைத் தமிழில் சைவ சித்தாந்தக் கருத்துக்கள்	அ.வே.சாந்திகுமற் சுவாமிகள்	Thirumali	1
73.	Mysticism and Metaphysics in Saiva Siddhanta	J.X.Muthupalkiam	Intercultural	1
74.	Grace in the Saiva Siddhantham and in St.Paul	Joseph Jaswant Raj sdb	South Indian Salesian	1
75.	Sivagnaana Munivar	T.N.Ramachandran	Sahitya	1
76.	வள்ளலாளர் கண்ட ஒருமைப்பாடு	ம.பொ.சிவஞானம்	பூங்கொடி	1
77.	வள்ளலாளரின் மெய்ஞானமும், விஞ்ஞானமும்	பி.சி.சிவராமன்	வள்ளலாளர்	1
78.	வள்ளலாளர் மறைந்தது எப்படி	ஊரன் அடிகள்	சமரச சன்மார்க்கம்	1
79.	The yoga of Siddha Boganathar	T.N.Ganapathy	Babaji	1
80.	The poets of the powers	Kamil Zvelebil	Integral	1
81.	Advita Epistemology	P.K.Sundaram	University of Madras	1
82.	Advaita & other systems	P.K.Sundaram	University of Madras	1
83.	Three Little known advaitins	S.Revathy	University of Madras	1

84.	കെഖல്ഖിധ நவநீத வசன வினாவிடை	கோ.வடிவேலு	தமிழ்ப் பல்கலைக்கழகம்	1
85.	Jainism	I.G.Kalghatgi	University of Madras	1
86.	Religious Philosophy	Y.Masih	Mutual bangrsdass	1
87.	Studies visual philosophy	S.Gopalam	University of Madras	1
88.	Indian Philosophy in modern times	V.Brodov	Progress	1
89.	Buddhist Logic Vol 1	T.H.Stcherbastey	Neotital bonarsidass	1
90.	Buddhist Logic Vol II	T.H.Stcherbastey	Neotital bonarsidass	1
91.	A primer of Indian logic	S.Kuppuswami	Kuppuswami	1
92.	A History of Indian Logic	Satis Chandreyvidya bhupma	Bomarisdass	1
93.	The Samksepasariaka of Sarvajnatham	N.Veezhinathan	Ramakrishnan Institute	1
94.	குற்றமற்றவள்	பரிமளசேகர்	மணிமேகலைப் பிரஸ்	5
95.	Comprehensive review of foreign exams GRE, GMAT, SAT, ToEFL / IELTS	Khubchan	Peepee publish	1
96.	Essential Business letters with CD	Socrates	Pentagon Press	1
97.	Dynamic memory self letter drafting course	Chowdhury	Fusion Books	1
98.	General knowledge manual	Reddy	Tata Mcrgaw	1
99.	இங்கிலீஷ் ஸ்பீக்கிங் கோர்ஸ் with CD	சௌத்ரி	Fusion Books	1
100.	Travel India	Chitra Garg	Lotus Press	1
101.	Dictionary of contemporary English + CD	Longman	Longman	1
102.	Boost your spelling power	Thomas	Lotus press	1
103.	Illustriate of Family only clopedia cess siseme		Dorliny Kindersleg	1
104.	சித்தர் பாடல்கள்	கோவேந்தன்.த	பாவை	1
105.	அரிதாரம்	இறையன்பு.வெ.	நியூ செஞ்சுரி	1
106.	சிறுகதைச் சிற்பி			
107.	நோக்கி நிலை	இராமலிங்கம்.மா	முத்தமிழ்ப் பாசறை	1
108.	மாமிசப் படைப்பு	நாஞ்சில் நாடன்	விஜயா	1
109.	பிராந்து	நாஞ்சில் நாடன்	விஜயா	1
110.	எட்டுத் திக்கும் மதயானை	நாஞ்சில் நாடன்	விஜயா	1
111.	தாய்	மக்சீம் கார்க்கி	நியூ செஞ்சுரி	1
112.	மிதவை	நாஞ்சில் நாடன்	விஜயா	1
113.	தமிழ் நாவலில் மனித மனம் கள்ளோ? காவியமோ?	அனுராதா.நா	மீனாட்சி	1

114.	தமிழகத்தில் தலித் சிந்தனை மரபு	சின்னப்பன்.கு	வழிகாட்டி	1
115.	இலக்கியக் கலை	ஞானசம்பந்தன்.அ.ச.	தென்னிந்திய சைவ சித்தாந்தம்	1
116.	அசோகமித்திரனின் புனை கதைகளில் மனிதன்	அந்தோனி குருசு.அ	வள்ளி சுந்தர்	1
117.	தமிழ் நாடகச் சூழலில் தலித் அரங்கு	சின்னப்பன்.கு	வழிகாட்டி	1
118.	மொழியியல்	சீனிவாசன்.ரா	முல்லை	2
119.	திரைக்கதை எழுதுவது எப்படி?	சுஜாதா	உயிர்மை	1
120.	நாவல் உலகின் சின்னப் பாரதி	தோதாத்ரி.எஸ்	பாவை	1
121.	சங்க இலக்கியத்தில் பொது மக்கள்	இரசரெத்தினம்.கு	குகன்	1
122.	வீரபாண்டிய கட்டபொம்மன்	சிவஞானம்.மா.பொ.	பூங்கொடி	1
123.	வள்ளலாரும் பாரதியும்	சிவஞானம்.மா.பொ.	பூங்கொடி	1
124.	விடுதலைக்குப்பின் தமிழ் வளர்ந்த வரலாறு	சிவஞானம்.மா.பொ.	பூங்கொடி	1
125.	பாரதியியல் ஆய்வுக் கட்டுரைகள்	மணி, பெ.சு	பூங்கொடி	1
126.	தமிழ் ஹைகூ சமகாலப் பார்வைகள்	அன்பாதவன்	ராஜம்	1
127.	இதழியல் பதிவுகள்	மணிவேந்தன் மு.பி.பா	பூங்கொடி	1
128.	இலக்கியச் சோலை	கோவிந்தராஜன்.மு	அமராவதி	1
129.	பத்தொன்பதாம் நூற்றாண்டு தமிழ் இலக்கியம்	வேங்கடசாமி, சீனி	சாரதா	1
130.	பண்பாட்டு ஆய்வு	வில்சன்.பெ	களரி	1
131.	நடைமுறை மக்கள் தொடர்பு	கணேசன்.ஜி	பூங்கொடி	1
132.	மெய்க்கீர்த்திகள் அமைப்பும், நோக்கமும்	நெடுஞ்செழியன்	புന്തഖ	1
133.	தலித் இலக்கியம் ஓர் பார்வை	பத்மாவதி விவேகானந்தன்	வள்ளி சுந்தர்	1
134.	கண்ணதாசனின் பாடல்களில் பக்தி நெறி	விஜயலெஷ்சுமி, சேகர்	கண்ணதாசன்	1
135.	குமரி நாட்டுப்புறவியல்	பெருமாள்.அ.கா.	தன்னனானே	1
136.	கொங்கு நாட்டுப்புறவியல்	சண்முகசுந்தரம்.சு	தன்னனானே	1
137.	மதுரை நாட்டுப்புறவியல்	சண்முகசுந்தரம்.சு	தன்னனானே	1
138.	இதழடைவு	கௌதமன்.மா	ராம்	1
139.	தென்னிந்தியாவில் தோல் பாவைக்கூத்து	பெருமாள்.அ.கா	தன்னனானே	1
140.	மாணவர் தமிழ் இலக்கணம்	கவியழகன்	சூடாமணி	1
141.	நவீன கோட்பாடுகள் ஆய்வுகள்	கமலா, பொ.நா	காவ்யா	1
142.	தமிழ்த் தேசியம் பேரூரைகள்	தமிழியம்	நிகழ்	1

143.	தமிழ்க் காப்பியங்களில் அவலச்சுவை	கோபிநாத்.அ	இந்திரா	1
144.	நாட்டுப்புறத் தாலாட்டுப் பாடல்களில் சமுதாயச் சிந்தனைகள்	சின்னப்பன்.கு	வழிகாட்டி	1
145.	உலகமயமாக்கல் நிழலும், நிஜமும்	சேவியர்.ஜோ	கூட்டு	1
146.	நாட்டுப்புற வேளாண்மை	மனோகரன்.இரா	தன்னனானே	1
147.	சிலப்பதிகாரம் சில பயணங்கள்	பஞ்சாங்கம்.க	காவ்யா	1
148.	பதினொரு ஈழத்துக் கவிஞர்கள்	நு∴மான்,	காலச்சுவடு	1
149.	இலக்கியத்தில் அழகியலும், இலட்சியமும்	பத்மாவதி விவேகானந்தன்	வள்ளி சுந்தர்	1
150.	மகளிர் வாழ்வியல் சிக்கல்கள்	சரவணன்.செ	கண்ணதாசன்	1
151.	The Hindu speaks on Management		Kasturi & Sons	2
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156.	The complete guide to resume writing	Saradha	Sterling	1
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159.	Digital Libraries	Nigam B.S.	Mahamaya	1
160.	Sixty years of the Indian Economy 1947 to 2007 -1	Prasad (C.S)	New century	2
161.	A text book of chordates	Thangamani.A	Saras	5
162.	A text book of Invertebrates	Nair.N.C.	Saras	5
163.	Genetics	Meyyan.R.P.	Saras	3
164.	Immunology	Dulsy Fatima	Saras	1
165.	Molecular Biology & Genetic Engineering	Narayanan, L.M.	Saras	1
167	Engineering & General Geology	Prabin Singh	Ajantha Book Centre	4
168	Igneous and Metamorphic Petrology	Myron G.Best	Ajantha Book Centre	2
169	Microfossils and Their Applications	P.K.Kathal	Ajantha Book Centre	1
170	Theory of structural Geology	N.W.Chokale	Ajantha Book Centre	7
171	Engineering Geology	N.Chena esavalu	Ajantha Book Centre	1
172	Quantative Geophysics and Geology	Louis Liboutry	Ajantha Book Centre	1

173	Physical Geology	G.B.Mahabatra	Ajantha Book Centre	5
174	Palaeontology	P.C.Jain	Ajantha Book Centre	6
175	Rutley's Elements of Minerology	C.D.Gribble	Ajantha Book Centre	5
176	The Principles of Petrology	G.W.Tyrrel	Ajantha Book Centre	8
177	Genetics	Verma	S.C	1
178	Cytogenetics, Evolution & Bio Statistics	Shukla	S.C	1
179	College Botany	Pandey	S.C.	1
180	Practical Microbiology	Dubey	S.C.	1
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182	Methods in environmental analysis water, soil & Air	Gupta	AGB	1
183	Bio -Technology	Lohar	МЈР	1
184	Bio-Chemistry	Veerakumari	МЈР	1
185	Applied Bio-Technology	Rema	МЈР	1
186	Molecular Bio-Technology	Pasupuleti	МЈР	1
187	Thesis & Disserlation	Chumber	P.P	2
188	Practical Bio Chemistry made essay	Gupta	P.P.	1
189	Essentials of Bio-Technology for students	DAS	P.P.	1
190	Helpline in Bio-Chemistry	LAL	P.P.	1
191	Basic concepts of Immounalogy	SAINI	P.P.	4
192	Handbook of Practical Bio- Chemistry	SAINI	P.P.	1
193	Roussealu	Dent	Rout	1
194	Looke	Lowe	Rout	1
195	Leibniz	Jolley	Rout	1
196	Freud	Liar	Rout	1
197	Aristotle	Shelis	Rout	1
198	Husser	Smith	Rout	1
199	Darwin	Liwens	Rout	1
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204	Schopenhauser	Young	Rout	1
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207	Electro magnetic fields	Meenakumari	NAI	1
208	Electronics	Chattopadhya	NAI	1
209	Nuclear Physics	Ghoshai	SC	1
210	Solid State physics and electronics	Puri	SC	1
211	Mechanics	Mettur	SC	1
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217	A textbook of pharmaceutical chemistry	Ghosh	S.C	1
218	Fundamental concepts of Applied Chemistry	Ghosh	S.C.	1
219	Practical Chemistry	Pandey	S.C.	1
220	Physical Chemistry	Castellan	NAR	1
221	Inorganic Chemistry	Madan	S.C	1
222	Organic Chemistry	Madan	S.C	1
223	Physical Chemistry	Madan	S.C	1
224	Advanced organic chemistry	March	J.W.	1
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226	Chemistry for competitions	RPO	CBS	1
227	Principles of Instrumental Analysis	Holler	Thom	1
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229	Thesis and Dissertation	Chumber	P.P	2
230	Practical Bio Chemistry made easy	Gupta	P.P.	1
231	Microprocessor Architecture programming and applications with the 8085	Ramesh Gaonkar		1
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234	Geometrical & Physical optics	P.K.Chakrabarti		1
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237	Complex Analysis	S.Arumugam		1
238	An Advanced Course in practical Physics	D.Chattopadhyay		1
239	Matrices & Tensors in Physics	A.W.Joshi		1
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243	Numerical Methods	S.Arumugam		1
244	Spectroscopy	R.Chatwal		1
245	Solid State Physics	P.K.Palanisamy		1
246	அகராதி நிகண்டு		சைவசித்தாந்த நூற்ப் பதிப்புக் கழகம்	1
247	இக்கால மொழியியல்		சைவசித்தாந்த நூற்ப் பதிப்புக் கழகம்	1
248	கவி பாடலாம்		சைவசித்தாந்த நூற்ப் பதிப்புக் கழகம்	1
249	திவாகர அகராதி		சைவசித்தாந்த நூற்ப் பதிப்புக் கழகம்	1
250	பெரிய புராணம்		சைவசித்தாந்த நூற்ப் பதிப்புக் கழகம்	1
251	பெண் தெய்வ வழிபாடு		சைவசித்தாந்த நூற்ப் பதிப்புக் கழகம்	1
252	தகவல் தொழில் நுட்பம்		சைவசித்தாந்த நூற்ப் பதிப்புக் கழகம்	1
253	ஒரு நடிகை நாடகம் பார்க்கிறாள்		சைவசித்தாந்த நூற்ப் பதிப்புக் கழகம்	1
254	தமிழர் சமய மரபுகள்		சைவசித்தாந்த நூற்ப் பதிப்புக் கழகம்	1
255	14 நாட்களில் நெட்வொர்க்கிங் அடிப்படை		சைவசித்தாந்த நூற்ப் பதிப்புக் கழகம்	1
256	உங்கள் கம்ப்யூட்டர் அதன் உள்பாகங்களும் எப்படி இயங்குகின்றன.		சைவசித்தாந்த நூற்ப் பதிப்புக் கழகம்	1
257	எம்.எஸ்.எக்ஸல்		சைவசித்தாந்த நூற்ப் பதிப்புக் கழகம்	1
258	யூனிக்ஸ் எளிய தமிழில் ஒரு வழிகாட்டி		சைவசித்தாந்த நூற்ப் பதிப்புக் கழகம்	1
259	என்னும் நுண்கலை நூலடக்கம்		சைவசித்தாந்த நூற்ப் பதிப்புக் கழகம்	1
260	புரோகிராமிங் செய்வது எப்படி		சைவசித்தாந்த நூற்ப் பதிப்புக் கழகம்	1
261	தமிழர் பண்பாடு		சைவசித்தாந்த	1

		நூற்ப் பதிப்புக் கழகம்	
262	நன்னூல் காண்டிகையுரை (எழுத்ததிகாரம்)	 சைவசித்தாந்த நூற்ப் பதிப்புக் கழகம்	1
263	நன்னூல் காண்டிகையுரை (சொல்லதிகாரம்)	 சைவசித்தாந்த நூற்ப் பதிப்புக் கழகம்	1
264	வேர்கள்	 சைவசித்தாந்த நூற்ப் பதிப்புக் கழகம்	1
265	இதழியல் பார்வை	 சைவசித்தாந்த நூற்ப் பதிப்புக் கழகம்	1
266	உடல் சங்கமம்	 சைவசித்தாந்த நூற்ப் பதிப்புக் கழகம்	1
267	வணக்கம் வள்ளுவர்	 சைவசித்தாந்த நூற்ப் பதிப்புக் கழகம்	1
268	பாவேந்தரின் உலக நோக்கு	 சைவசித்தாந்த நூற்ப் பதிப்புக் கழகம்	1
269	நாட்டுப்புறவியல்	 சைவசித்தாந்த நூற்ப் பதிப்புக் கழகம்	1
270	தமிழ்ப் புதுக்கவிதைகளில் அறிவியல்	 சைவசித்தாந்த நூற்ப் பதிப்புக் கழகம்	1
271	இலக்கியத்தில் மனித உரிமைகள்	 சைவசித்தாந்த நூற்ப் பதிப்புக் கழகம்	1
272	ஓளவை	 சைவசித்தாந்த நூற்ப் பதிப்புக் கழகம்	1
273	தேடல்	 சைவசித்தாந்த நூற்ப் பதிப்புக் கழகம்	1
274	இலக்கியத் திறனாய்வு கொள்கைகள்	 சைவசித்தாந்த நூற்ப் பதிப்புக் கழகம்	1
275	தமிழ் அகராதிக் கலை	 சைவசித்தாந்த நூற்ப் பதிப்புக் கழகம்	1
276	பதிணென்கீழ் கணக்கு நூல்கள்	 சைவசித்தாந்த நூற்ப் பதிப்புக் கழகம்	1
277	சைவமும் தமிழும்	 சைவசித்தாந்த நூற்ப் பதிப்புக் கழகம்	1
278	ஆங்கிலம் - தமிழ் அகராதி	 சைவசித்தாந்த நூற்ப் பதிப்புக்	1

			கழகம்	
279	தமிழ் ஆங்கில அகராதி		சைவசித்தாந்த நூற்ப் பதிப்புக் கழகம்	1
280	மூவர் தேவாரம்		சைவசித்தாந்த நூற்ப் பதிப்புக் கழகம்	1
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401	தொல்காப்பியம் - எழுத்ததிகாரம்	தமிழண்ணல்	மணிவாசகர்	4
402	தொல்காப்பியம் - சொல்லதிகாரம்	தமிழண்ணல்	மணிவாசகர் கழக வெளியீடு	4
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406	தொல்காப்பியம் - சொல்லதிகாரம்	சேனாவரையருரை	மணிவாசகர் கழக வெளியீடு	3
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566	Fuzzy sets & Fuzzy logic	Ganesh	Pearson	1
567	Intro topology & modern analysis	Simmons	Bentice Hall	1
568	Measures theory & Integration	De Barra	New Age	1
569	Modern Algebra	Arumugam	Scitech	1
570	Numerical methods	Balagurusamy	Mcgraw	1
571	Scientific & Eng. compu	Jain	New Age	1
572	Numerical methods	Jain	New Age	1
573	Ordinary differential equations	Deo	New Age	1
574	Partial Differential equations	Mcowen	Pearson	1
575	Mathematical analysis	Walter	McGraw	1
576	Probability & Random process	Singaravelu	Pearson	1
577	Probability random, variable Random process	Kandasamy	S.chand	1
578	Real complex analysis	Walter	McGraw	1
579	Statics	Dharmapadam	Viswanathan	1
580	Vector analysis	Gopalakris	New Age	1
581	Principles of physical chemistry	Puri.B.R.	Vishal	4
582	Principles of Inorganic chemistry	Puri.B.R.	Milestone	3
583	A textbook of organic chemistry	Tewari.K.S.	Vikas	3
584	Bioethics	Shaleesha	Wisdom	1
585	Ecology and environmental Biology	Saha.T.K.	Books allied	1
586	Text book of medical parasteology	Panjarathinam	Orient lognman	1
587	Cloning	Rao.K.M.	Senali	1
588	An Advanced textbook on Bio diversity	Krishnamurthy.K.V.	Oxford & IBH	1
589	Medical Microbiology	Rajem.S	МЈР	1
590	Applied genetics	Yadav.P.R.	Discovery	1
591	Cell culture	Yadav.P.R.	Dominat	1

592	Bio Physics	Vatsalapiramal	Dominat	1
593	Principles and practies of Immeenization	Gera, Tarwn	PeePee	2
594	Liteary theory and criticism	Patriciawaghy	Oxford	2
595	The Canterbury Tales	Chaucer	Norton & Comp	1
596	The Mayor of Casterbridge	Thomas Hardy	Norton critical	1
597	Hard Times	Charks Dickers	Surjeet	1
598	The Spanish tragedgy	Ramamurthi	Macmillan	1
599	An outline History of English Literature	Hudson	B.I.Publication	2
560	Great Expectations	Charles Dickens	Rupa & Co	1
561	Measure for measure	Bawcutt	Oxford	1
562	Murder in the cathedral	Ramji Lall	Surjeet	1
563	Indian writing in English	K.R.Srinivasa	Sterling	1
564	A Background to the study of Enlgish Literature	Prasad	Macmillan	1
565	The works of Shakespeare	H.C.Hart	Surjeet	1
566	Textbook of English phonetics for Indian students	Balasubramanian	Macmillan	1
567	The social History of England	Xavier.A.G.	S.Viswanathan	2
568	MLA Handbook for writers of research papers	Joseph Gibaldi	Affiliated Pvt.	2
569	Principles of Economics	Sankaran	Margham	1
570	Macro economic analysis	Edward Shapiro	Galgotia	1
571	Essentials of physical chemistry	Bahl.B.S.	S.Chand	4
572	Advanced Inorganic chemistry	Satyaprakash	S.Chand	2
573	Q & A Inorganic chemistry	Madan.R.L.	S.Chand	2
574	Q & A Physical chemistry	Madan.R.L.	S.Chand	2
575	A text book of organic chemistry	Arun Bahl	S.Chand	4
576	Verbal & Non-verbal reasoning	Aggarwal.R.S.	S.Chand	2
577	Quantitative apptidue	Aggarwal.R.S.	S.Chand	2
578	English Essayists	Sinha.K	Oxford	4
579	Basic Journalism	Rangaswami, Parathasarathy	Mac Millam	2
580	English for competitive examination	R.Gopalan	Vijay Nicole	2
581	History of English Literature	Legouis	Mac millam	1
582	English Leterature	Rees R.J.	Mac millam	2
583	The pillars of society	Ibsen	Mac millam	2
584	Prefarce to the fables	Dryden, John	Mac millam	2
585	Pride and prejudice	Austen, Jane	Mac millam	2
586	Rape of the lock & AN epistle to Dr.Arbuthnot	Alexander	Mac millam	2

587	The Rivals	Sheridam	Mac millam	3
588	Selected essay of charles lamb	Sashadri.K.G.	Mac millam	2
589	Twentieth century vesse	Thomas.C.T.	Mac millam	2
590	Way of the World	Congeve, William	Mac millam	2
591	Several essays	Cumberledge.G	Oxford	3
592	The English critical tradition	Ramaswami	Mac millam	2
593	Text book of Inorganic chemistry	Soni.P.L.	S.Chand	4
594	Sherlock Holmes – The complete novels & Stories	Sri Arthurconan Doyle	Bantam classic	1
595	Statistical analysis graphs & Diagrams	Manikandan	Spectrum	1
596	Quantitative Aptidue	Aggarwal.R.S.	S.Chand	1
597	General Knowledge Manual 2007	Krishna reddy	Tat Mcgraw	1
598	Infotech questions solved		Sagarikka	3
599	Objective General knowledge	Tarwn Gayal	Aribant	1
600	Indian History Geography	Reddy singh	Tata Mcgraw	1
601	Themes in Indian History	Singh.R.B.	National Council	1
602	Themes in World History	Singh.R.B.	NCEIRT	1
603	Physics Part – II	Singh.R.B.	NCEIRT	1
604	Chemistry Part – I	Singh.R.B.	NCEIRT	1
605	Practical work in geography	Singh.R.B.	NCEIRT	1
606	Fundamentals of geography	Singh.R.B.	NCEIRT	1
607	India : Physical Enviorment	Singh.R.B.	NCEIRT	1
608	People & Economy	Singh.R.B.	NCEIRT	1
609	India and the contemporary	Singh.R.B.	NCEIRT	1
610	Science	Singh.R.B.	NCEIRT	1
611	Democratic politics	Singh.R.B.	NCEIRT	1
612	Statistics for Economics	Singh.R.B.	NCEIRT	1
613	Contemporary India – II	Singh.R.B.	NCEIRT	1
614	India and the contemporary world-II	Singh.R.B.	NCEIRT	1
615	Understanding economic development	Singh.R.B.	NCEIRT	1
616	Managerial Economics	Gupta.G.S.	Tata Mcgraw	1
617	Essentials of Management	Koontz.H	Tata Mcgraw	1
618	Organizational behaviour	Newstrom.J.W	Tata Mcgraw	1
619	Fundamentals of financial management	Prasana Chandra	Tata Mcgraw	1
620	Advertising management	Botra.R	Prentice Hall	1
621	Financial Management	Van Home.J.C.	Prentice Hall	1
622	Strategic Management	David.F.R.	Tata Mcgraw	1
623	Financial services	Khan.M.V.	Tata Mcgraw	1

624	Production & operations management	Adam.E	Prentice Hall	1
625	Management information systems	Laudon.K.C.	Prentice Hall	1
626	Principles of Marketing	Koter	Prentice Hall	1
627	Marketing strategis	Narayana.R	Excel books	1
628	Fundamentals of Management accounting	Ghosh.T.P.	Excel books	1
629	Business Law	Gulshan.S.S.	Excel books	1
630	Mercantilte Law	Gulshan.S.S.	Excel books	1
631	International Business	Bennet.R	Pearson	1
632	Human Resource and personnel management	Aswathappa	Tata Mcgraw	1
633	Business statictis and operations research	Rajagopalan	Vijay Nicole	1
634	Financial accounting	Bhattacharya	Prentice Hall	1
635	Industrial relations	Singh B.D.	Excel books	1
636	Financial accounting management emphasis	Banerjee	Excel books	1
637	Management emphais	Banerjee	Excel books	1
638	Business communication	Guffey	Thomson	1
639	Quantitative methods for Business Economics	Mohammed	Prentice Hall	1
640	A dictionary of strategic management	Ajit Prasad	Excel books	1
641	Operations research	Tiwari.N.K.	Prentice Hall	1
642	Production & operation mgt.	Panner selvam	Prentice Hall	1
643	Marketing research	Aakar.O.A.	John Wiley	1
644	Management information systems	Sathyasekar	Excel Books	1
645	Marketing management	Rajasekaran	Tata Mcgraw	1
646	Business Environement	Suresh Bedi	Excel Books	1
647	Marketing research	Beri.G.C.	Tata Mcgraw	1
648	Organizational behaviour concepts, skills, & practices	Kinicki.A	Tata Mcgraw	1
649	Strategic management and Business policy	Nitin Balwani	Excel Books	1
650	Marketing management and cases	Jayachandran	Excel Books	1
651	Financial accounting Managerial perspective	Narayanaswami	Prentice Hall	1
652	Management organization behaviour	Hersey.P	Prentice Hall	1
653	Global marketing management	Keeghan.W.J.	Prentice Hall	1
654	Essentials of marketing research	Kumar.V	John Wiley	1
655	Organizational behaviour	Aquinas.P.G.	Excel Books	1
656	Business environment	Shaikh saleem	Pearson	1

657	Marketing research	Malhotra.N.K.	Prentice Hall	1
658	Strategic Management	Hill.C.W.	Biztanta Thomsan	1
659	Structured computer organizations	Tanenbaum.A.S.	Prentice Hall	1
660	Operating system	Tanenbaum.A.S.	Prentice Hall	1
661	Microcomputer system the 8086 / 8088 family	Liu.Y.C.	Prentice Hall	1
662	The Intel Microprocessors	Brey.B.B.	Prentice Hall	1
663	Ms Office XP for every one	Sanjay saxena	Vikas pub.	1
664	Principles of interactive computer graphics	Newman.W.M.	Tata Mcgraw	1
665	Multimedia system design	Andleigh.R.K.	Prentice Hall	1
666	Programming in Java 2	Rajaram.R	Sciktech	1
667	Data Structures	Lipschutz	Tata Mcgraw	1
668	Multimedia systems	Steinmetz.R	Springer	1
669	Spectroscophy	Chatwall.G.R.	Himalaya	1

HEALTH SERVICES CONDUCTED IN THE COLLEGE

Free Medical Camp

This year the NCC Army wing of our college conducted Free Medical Camp at K.Sathanur. More than 800 people were benefited by this camp. The specialists in areas like ENT, Dermatology, Gynecology, Pediatrics and General Medical Practitioners examined the people and Free Medicines were given to the people by efficient Pharmacists.

Free Blood Grouping Camp

Free Blood Grouping Camp was conducted at the College auditorium in collaboration with Doctors' Diagnostic Laboratory & Blood Bank, Tiruchirapalli on 25th July 2007. Dr.K.Anbarasu, Principal, of the College inaugurated the camp. Sri K. Raghunathan, Secretary and Correspondent of the College noted that the College would bring out a Catalogue of blood groups of the students. True to our Secretary's Word, our Unit has brought the Blood Donors' Directory to-day. The Directory would give a fillip to the blood donation activity of the college students and help hundreds of needy patients.

Cycle Rally

Save Environment and Anti plastic awareness rally was conducted from National College to Puliyancholai. More than 200 kms. Was covered which included 25 villages where slogans and notice were distributed to the people. Our cadets cleaned Puliyancholai picnic spot and made the place free of plastic. This was appreciated by Panchayat President Mr. Natesan.

USSC – (University Student Service Corp)

On behalf of University Student Service Corp of National College, the second year inauguration meeting was held on 10.09.2007, at the College Auditorium at 12.30 p.m. Mr.Parameshwaran, Zonal Secretary, Trichy and Arulnithi Jambulingam delivered special lectures. More than fifty students participated in the meeting. As a follow up action expert trainers of world community serive of Trichy imparted training to students between 8.30 a.m. and 09.15 a.m. for one month, till 10.10.2007. The training includes medidation, simple physical exercise, the art of Mental Health and Kaya Kalpam.

Cancer Awareness Rally

A cancer awareness rally was organized by on 9th Jan. 2008. The rally commenced from National College. Dr. Anbarasu, Principal of the college, explained the unbearable agony and plight caused by the dreadful disease. He highlighted that it is advisable to a significant extent by avoiding tobacco in any form. He flagged off the rally. He congratulated the students for taking the initiative and a war on the Cancer menace. The rally was led by Flying Officer Dr. R.Sundhararman. It proceeded from the

college to NCC headquarters via Aristo Hotel, Railway Junction, Head Post Office and Othakadai. The students carried Placards containing slogans for creation of awareness as well as the evils of tobacco. They raised slogans and distributed pamphlets.

Free Eye Check up Camp

As many as 1000 students and staff of National College, Tiruchirapalli were benefited by the **Free Eye Check Up Camp** conducted by NCC (Air Wing) of National College in collaboration with Dr. Agarwal Vasans Eye Hospital, Thillainagar, Tiruchirapall on 18.07.2007. Ophthalmologists and staff of the Hospital performed the eye check up for students and staff of the College with great enthusiasm and devotion. The students and staff of the College showered accolades on the team from the Hospital led by Mr. S.Sridhar. Dr.K. Anbarasu, Principal, National College presided the Camp. Smt. Sarubala R. Thondiman, worshipful Mayor of Tiruchirapalli Corporation inaugurated the camp.

Annexure XVI

Students' Achievements and Awards

S.No.	Competition	Place	Name
1.	Inter Collegiate oratorial competition	Vivekananda Women's College, Elayampalayam	S.Karuthan, III B.A. Tamil
2.	Trichy District Clamber of Commerce	Cauvery College, Annamalai Nagar	P.Mohan, II M.A. English R.Selvaraj, I M.A. English S.Suganthi, I M.A. English M.Chandrasekar, III B.A. English M.Kalaiselvan, III B.Sc. Botany
3.	AEWS	ER.Hr.Sec.School	Karuthan, III B.A. Tamil Sivasankar, II M.A. Tamil
4.	Tamil Eloution	K.A.P. School	S.Karuthan, III B.A. Tamil
5.	தமிழ் வளர்ச்சி துறை	Periyar E.V.R College Trichy	Abdul Huq, III B.A. Tamil S.Karuthan, III B.A. Tamil
6.	Munnal Manavar Sangam	Periyar E.V.R. College Trichy	S.Karuthan, III B.A. Tamil
7.	Tamil Kudil	Bishop Heber College, Trichy	K.Sivasankar, II M.A. Tamil K.Gopalakrishnan, II M.A. Tamil S.Karuthan, III B.A Tamil C.Senthilvel, III B.A. History A.Inbaraj, III B.A. History V.Saravanan, III B.A. History
8.	BDU FEST	Jamal Mohammed College, Trichy	PMS + 29 Students
9.	Prasar Bharathi AIR, Trichy	College Kalakal, National College, Trichy	PMS + 35 Students
10.	T.N.Forest Dept. Elouation	Bishop Heber College, Trichy	K. Gopalakrishnan, I M.A. Tamil S.Karuthan, III B.A. Tamil M.Munusamy, M.Phil Tamil
11.	15 th Annual Inter Collegiate Oratorical competition	Hotel Femina, Trichy	S.Karuthan, III B.A. Tamil K.Gopalakrishnan, I M.A. Tamil
12.	Sri Ramakrishna mission viva Coimbatore	Essay writing, poem writing	22 students

13.	Muttamil Vizha, Sri mathi Indira Gandhi College, Trichy-2	IG College, Trichy-2	S.Murugesan I M.A. Tamil S.Manickam, I M.A. Tamil D. Mohan Raj, II M.A. Tamil M.Munusamy, M.Phil Tamil	
14.	Jaya TV Chennai Unga Area Ulla Vanga	Jaya TV Madras	P.Ramachandiran, III B.Com	
15.	Subbulaxmi Lakshmi panty science College, Madurai	BARD FEST Madurai	S.Karuthan, III B.A. Tamil A.Abdul Huq, II B.A Tamil S.Jothi Lingam, III B.A. English	
16.	NACOFEST NATLITFEST	National College	40 Students	
17.	Srinivasa College of Arts and Science, Perambalur	Prembalour	M.Munusamy, M.Phil Tamil	
18.	Prajapitha Brahma Kumaris Iswarya Vishva Vidyalaya	Vasavi Mahal, Trichy	PMS + 30 Students	
19.	India Maruthuva manram Praser Barathi AIR, Trichy	Medical Course, Trichy College Kalakkal, National College	PMS + 40 Students	
20.	AIR Trichy	Variety programme by the students AIR Station Trichy	K.Siva sankar, II M.A. Tamil S.Murugesan, II M.A. Tamil Manikandan I M.A. Tamil C.Senthilkumar II M.A. Tamil D.Mohan Kumar, II M.A. English Dardia Gladis, I M.Com A.Inbaraj, III B.A. History R.Dinesh Kumar, II B.Sc. Zoology Manikandan, II B.A. Economics Pushpa, I B.Sc. Maths	
21.	Drawing	Jamal Mohammed College, Trichy	S.Manikandan, II B.A. Economics	
22.	Army	Roshan Mahal, Fancy Drawing Trichy Mimicry Monoacting	S.Manikandan, II B.A. Economics Dinesh Kumar, II B.Sc. Zoology Manikandan, II B.A. Economics	