

The Annual Quality Assurance Report (AQAR) of the IQAC

Part – A

AQAR for the year	2015 - 2016
1. Details of the Institution	
1.1 Name of the Institution	National College
1.2 Address Line 1	Dindigul Road
Address Line 2	Karumandapam
City/Town	Tiruchirapalli
State	Tamil Nadu
Pin Code	620 001
Institution e-mail address	principal@nct.ac.in
Contact Nos.	0431-2482995 (Off)
Name of the Head of the Institution:	Dr. K. Anbarasu
Tel. No. with STD Code:	0431-2482995

	Mobile:	093457 83040							
Name of the IQAC Co-ordinator:					Dr. M. S. Mohamed Jaabir				
Mobile:					(0) 9786425226				
IQAC e-mail address:					mohamedjaabir@nct.ac.in				
1.3 NAAC Track ID (For ex. MHCOGN 18879)									
1.4 NAAC Executive Committee No. & Date:					EC/56/RAR/65 Dt: 16-09-2011				
1.5 Website address:					www.nct.ac.in				
Web-link of the AQAR: www.nct.ac.in/AQAR2015-20 1.6 Accreditation Details					5-2016.pdf				
	Sl. No.	Cycle	Grade	CGPA Year of Validity					
	1	1 st Cycle	A			2005	5 Years		
	2	2 nd Cycle	A		3.34	2011	5 Years		
	3	3 rd Cycle							
	4	4 th Cycle							
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1.7 Date of Establishment of IQAC :

1.8 AQAR for the year

13-09-2005

2015-2016

i.AQAR 2011 – 12 submitted to NAAC ii.AQAR 2012 – 13 submitted to NAAC	
iii.AQAR 2013 – 14 submitted to NAAC	
iv.AQAR 2014 – 15 submitted to NAAC	C on (09/12/2015)
1.10 Institutional Status	
University State	Central Deemed Private
Affiliated College Yes	J No
Constituent College Yes	No ✓
Autonomous College of UGC Yes	No No
Regulatory Agency approved Institution	Yes No 1
(eg. AICTE, BCI, MCI, PCI, NCI)	
Type of Institution Co-education	Men Women
Urban	√ Rural √ Tribal
Financial Status Grant-in-aid	√ UGC 2(f) UGC 12B √
Grant-in-aid + Self Financing	✓ Totally Self-financing
1.11 Type of Faculty/Programme	
Arts \(\frac{1}{2} \) Science	Commerce Law - PEI (Phy Ed.)
TEL (E.L.)	Harlin Sa
TEI (Edu) Engg.	Health Sc. Management Management
Others (Specify)	
1.12 Name of the Affiliating University	Bharathidasan University, Tiruchirapalli

1.9 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and

Accreditation by NAAC

1.13 Special status conferred by Central/ State Gover	nment	- UGC/	CSIR/	DST/E	DBT/ICM	R etc
Autonomy by State / Central Govt. / University	Y	l'es				
University with Potential for Excellence				UG	C-CPE	Yes
DST Star Scheme				UC	GC-CE	
UGC-Special Assistance Programme				DS	T-FIST	Yes
UGC-Innovative PG programmes	Y	Zes .	Any	other	(Specify)	
UGC-COP Programmes		Yes				
2. IQAC Composition and Activities						
2.1 No. of Teachers		10	- See A	Annex	ure I	
2.2 No. of Administrative / Technical staff		01	- See A	Annex	ure I	
2.3 No. of students		04	- See A	Annex	ure I	
2.4 No. of Management representatives		02	- See A	Annex	ure I	
2.5 No. of Alumni		02 -	- See A	Annex	ure I	
2. 6 No. of any other stakeholder and community representatives		02	- See A	Annex	ure I	
2.7 No. of Employers/ Industrialists						
2.8 No. of other External Experts		01	- See A	Annex	ure I	
2.9 Total No. of members		22	- See A	Annex	ure I	
2.10 No. of IQAC meetings held		01	- See A	Annex	ure I	
2.11 No. of meetings with various stakeholders: No.	02			Facu	lty	J
Non-Teaching / Staff Student	J	Alı	ımni	J	Others	

2.12 Has IQAC red	ceived any funding fron	n UGC during the	year? Yes	J	No		
If yes, n	nention the amount	Rs. 3,00,000					
2.13 Seminars and	Conferences (only qua	lity related)					
(i) No. of Ser	minars/Conferences/ W	orkshops/Sympos	ia organized	by the	IQAC - Ni	l	
Total Nos.	International	National	State		Institution	Level	
(ii) Themes							

- 2.14 Significant Activities and contributions made by IQAC
 - * Syllabi of all the UG, PG and M.Phil., Programmes have been revised and revamped.
 - * UGC Committee to review the Status of Autonomy visited the College during $1^{st} 3^{rd}$ February 2016. Based on the visit Autonomous Status has been extended to the College till 2021-22.
 - * Online mode of payment of College, Exam and Hostel fees has been introduced.
 - * To facilitate students who would like to pursue the Higher Education abroad, an Office for International Admission Service has been established. An MoU with SSB-SOL has been signed for the same.
 - * YUVA chapter, a student wing of CII, has been started in the College.
 - * IQAC resolved and recommended to continue Endowment Lectures, Seminars/Workshops, Core Group meetings, Department Association meetings.

2.15 Plan of Action by IQAC/Outcome

The plan of action and the achievements made by the IQAC are listed below.

Plan of Action	Achievements
It was planned	
To submit proposal to UGC for review of Autonomous Status to the College.	UGC Committee to review the Status of Autonomy visited the College during 1 st – 3 rd February 2016. Based on the visit Autonomous Status has been extended to the College till 2021-22.

To submit proposal to UGC for Community College.	UGC has approved our proposal to start a Community College to offer Certificate, Diploma and Advanced Diploma on Welding and Fabrication. Grants have been received and classes are being undertaken.			
To introduce online mode of payment for College, Hostel and Examination fees.	Online payment system has been introduced through I-collect scheme of SBI.			
To revise all the syllabi with industrial input	Since three years are over after the last revision of syllabi of all the UG, PG and M.Phil. Programmes, the syllabi were completely revised. Industrial experts and Subject experts from other organizations were included in the Boards of Studies in order to give Industrial orientation.			
To Sign an MoU with SSB-SOL for facilitating students to pursue Higher Education abroad.	An Office for International Admission Service has been established. An MoU with SSB-SOL has been signed for the same.			
To conduct all the annual Endowment Lecture as held in the previous years.	All the Endowment Lectures in the names of * Rajaji Memorial * Sir. C.V. Raman * Dr. C. Rengarajan * Prof. N. Gopalakrishna Iyer * Sri. Ramanujan * Dr. K. Rajarathinam * Prof. M.S. Venkatrama Iyer * Principal Saranathan Memorial * Golden Jubilee Endowment * Dr. N. Seshadri were held in the College during the Academic year 2015-2016. (See Annexure II)			
To continue to conduct Workshops in Bioprocess Technology for PG students from Colleges around Tiruchirapalli.	Workshop on Bioprocess Technology and Bioinformatics (Tools and Softwares) were held on 20 th February, 2016 and 5 th March 2016 respectively.			
To conduct Annual meeting of Alumni of the College on the 1 st Sunday of February.	The Annual Meeting of Alumni Association was held on 07.02.2016. Dr. N. Seshadri, Director, Distance Education, SASTRA University was honoured as outstanding Alumnus of the College.			

	·
To conduct Bridge Course for the I UG students at the beginning of the year.	The Department of English Conducted a Bridge Course for freshers of U.G programme for 20 days. The new entrants were taught the rudiments of English Language
To introduce Open Public Access Catalogue system in the Library through online.	Software has been procured and installed for the OPAC.A link has been provided in the College website for the access of Library catalogue of our College.
To conduct Annual Graduation Day to distribute Degree Certificates.	The 2016 Graduation Ceremony was truly a momentous occasion for our College. There were 600 graduates, and the Chief Guest A.P. Dash Vice Chancellor, Central University of Tamil Nadu, Tiruvarur.
To conduct programmes like Blood Donation Camp, Anti Tobacco Rally, Anti Cancer Awareness Rally, Women Hygiene Rally	All these programmes were conducted during the year (See Annexure III)
To conduct a series of Outreach Programme for the students of Mathematics on Advanced Mathematics	Outreach Programmes for M.Sc. Mathematics students and Research Scholars in and around Trichy. The first programme commenced on 04.06.2015 to 06.06.2015. The second Outreach Programme was held from 15.08.2015 to 17.08.2015. The third Outreach Programme was held on 24.09.2015 to 27.09.2015. The fourth Outreach Programme was held on 06.02.2016 to 08.02.2016. The fifth Outreach Programme was held on 05.03.2016 to 07.03.2016.
To conduct NACOTECH by the Department of Computer Science and NACOMAT by the Department of Mathematics	NACOTECH was organized on 29.02.2016 and NACOMAT was organized on 18.03.2016
To conduct Seminars and Workshops on Recent Developments	The list of Seminars and Workshops conducted by various departments are provided in the Annexure III
To conduct a series of meetings for the Core Group of students	The details are provided in the Annexure III
To publish News Bulletin and College Magazine	The two News Bulletin covering activities of each semester and the Annual College Magazine were published. (See Annexure III)

(Refer **Annexure III** – News Bulletin, Vol.10., No. 1 & Vol. 10., No.2) (Refer **Annexure IV** for the Academic Calendar of the year)

2.16 Whether	er the AQAR w	as placed	l in statutory body	y	Yes	J	No [
	Management		Syndicate	Any othe	er body		IQAC	
		Pr	ovide the details	of the action t	aken			
• A	QAR was appr	oved by t	he IQAC.					
	embers appreced the activities in		mode of functio	ning of the Co	ollege and	l sugges	sted to c	ontinue
	embers sugges ad CPE Status b	•	ve priority for N	AAC re-accre	editation, 1	review	of Auto	nomous

Part – B

Criterion-I

Curricular Aspects

1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD	13			
PG	19		16	
UG	19		11	
PG Diploma	02		01	
Advanced Diploma				
Diploma	06		02	04
Certificate	04		01	03
Others – M.Phil.,	11		08	
Total	74		39	07
Interdisciplinary	02			
Innovative	01			01
				(C A

		(See Ar	nnexure V)
1.2 (i) Flexibility of the Curriculu	um: CBCS	J Core J	
(ii) Pattern of programmes:	Elective option	J Open options- J	
	Pattern	Number of programmes	
	Semester	All the Programmes	
	Trimester		
	Annual		
1.3 Feedback from stakeholders* (On all aspects)	Alumni Paren	ts	ats []
Mode of feedback :	Online Manu	(for PE	

1.4 Whether there is any revision / update of regulation or syllabi, if yes, mention their salient aspects.

Yes. Syllabi of all the UG, PG and M.Phil. Programmes have been revised and is implemented from the Academic year 2016-2017.

1.5 Any new Department/Centre introduced during the year. If yes, give details.

National College and SSB Shrine of Overseas Learning signed a memorandum of understanding and established an office in the college campus to promote the higher studies of students in Foreign countries.

Criterion - II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
207	82	125		

(See Annexure VII)

2.2 No. of permanent faculty with Ph.D.

108

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year

Assistant Professors		Associate Professors		Professors		Others		Total	
R	V	R	V	R	V	R	V	R	V
47		Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil

2.4 No. of Guest and Visiting faculty and Temporary faculty

05	04	14
	1	1

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended Seminars/ Workshops	04	20	10
Presented papers	04	20	10
Resource Persons	01	10	05

(See Annexure VIII)

2.6 Innovative processes adopted by the institution in Teaching and Learning:

ICT mode of teaching was further encouraged and insisted by the installation of LCD Projector in all the class rooms of Science Departments in the College.

2.7 Total No. of actual teaching days during this academic year

- 2.8 Examination/ Evaluation Reforms initiated by the Institution (for example: Open Book Examination, Bar Coding, Double Valuation, Photocopy, Online Multiple Choice Questions)
 - * Payment of Exam / Arrear Fee / Semester Fee through online mode.
 - * Submissions of Examination Application Forms, Issue of Hall Tickets and Announcement results have been made through online system.
 - * Provision of Photocopy of the answer scripts (Conditions apply)
 - * Instant examinations for the students who fail in one course at the last semester of the UG and PG programme.
- 2.9 No. of faculty members involved in curriculum
 Restructuring / revision / syllabus development
 as member of Board of Study / Faculty / Curriculum Development workshop

All the staff of the College are involved in the Restructuring / revision / syllabus development of the Board of Studies of various programmes in the College. Apart from this, 35 staff members serve as members of Board of Studies in Universities and Autonomous Colleges in Tamil Nadu

2.10 Average percentage of attendance of students

85 %

2.11 Course/Programme wise distribution of pass percentage :

(See Annexure IX)

35

- 2.12 How does IQAC Contribute/Monitor/Evaluate the Teaching & Learning processes :
 - * Teaching Learning process is discussed in every meeting of the IQAC. Suggestions are often given by members for improvement.
 - * IQAC suggested to include Seminar Component for students of all the PG programmes for every course through power point presentation.
 - * IQAC suggested to include teaching practice for M.Phil. Scholars. Every scholar has to complete 10 hours of teaching practice in the second semester of the M.Phil. Programme.
 - * IQAC suggested to allow provision for Self-Study Courses with additional Credits.

2.13 Initiatives undertaken towards faculty development

Faculty / Staff Development Programmes	Number of faculty benefited
Refresher courses	04
UGC – Faculty Improvement Programme	
HRD programmes	
Orientation programmes	
Faculty exchange programme	
Staff training conducted by the university	
Staff training conducted by other institutions	
Summer / Winter schools, Workshops, etc.	
Others	

2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	40	28		
Technical Staff	27	09		

Criterion – III

3. Research, Consultancy and Extension

3.1 Initiatives of the IQAC in Sensitizing/Promoting Research Climate in the institution

On IQAC's recommendations, the following measures were taken in the College to promote research activities.

- Establishment of National College Instrumentation Laboratory Facility (NCIF) to support the researchers in the Science Departments.
- Research Guides are provided 75 % of the Research Fee as encouragement
- Staff members are awarded with a Cash Prize of Rs. 1000/- for each research publications.
- Staff members who conduct Seminars and Workshops are honoured at the Last Working Day meeting of each Semester.
- Staff members who travel abroad are given a travel support of Rs. 10,000/- each.
- Staff members are honoured for participating in the Seminars/ Workshops/Conferences.
- Every year Two or Three Seminars or Workshops are organized by various departments under UGC Autonomy Grant scheme.
- Research teams are encouraged by providing exclusive Research-Space in the respective buildings
- Staff members are encouraged and given necessary facilities for preparation of Proposals seeking grants for conducting Major/Minor projects
- Staff members who receive Major / Minor projects are also honoured at the Last Working Day meet of every Semester

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	03	01	06	01
Outlay in Rs. Lakhs	32.90	15.00	1,45.88	13.85

(See Annexure X)

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number		01		
Outlay in Rs. Lakhs		2,37,500		

3.4 Details on research publications

	International	National	Others
Peer Review Journals	08	92	
Non-Peer Review Journals			
e-Journals			
Conference proceedings			

Conference proceedings										
				I	•	(See An	nexure	XI)		
3.5 Details on Impact factor of publications:										
Range 1-5	3	3 h-index 9 No			in SCOPUS	15				
3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations										
Nature of the Project	Duration Year		ame of th		Total Sanctione	Receiv	ved			
			UGC		46,53	3,500	32,61	,000		
Major projects	2015-201	6	MoES		44,50	0,000	33,50	,000		
			DST		32,85	5,000	11,00	,000		
Minor Projects								-		
Interdisciplinary Projects								-		
Industry sponsored							-			
Projects sponsored by the University/ College								-		
Students research projects							-			
Any other(Specify)	2015-201	6	NIOT			33,50,000				
Γotal					1,57,38,500		99,54	.,000		
3.7 No. of books published i) With ISBN No. 04 Chapters in Edited Books										
	Vithout ISBN									
3.8 No. of University Departmen	ts receiving	funds from	ι 							
UGC-SAP	CAS DST-FIST									
DPE DBT Scheme/funds										

3.9 Fo	or colleges											
	A	utonomy	\checkmark	CF	PE [✓		DB'	T Star	Schem	ne	
INSPIRE								Any (Other	(specify	y)* 🗸	
Bioteo 3.10 I	*UGC's Innovative programme to offer PC Biotechnology 3.10 Revenue generated through consultan 3.11 No. of conferences organized by the								ology	in the	Department o	f
3.11 N	No. of con	ferences or	ganized	by the Inst	itutio	n						_
	Level Internation					ional	State	Unive	University		ge	
	Number			01	()6	05		-			
	Sponsori	ng agencies			-				-			
3.14 N 3.15 T	No. of link Total budg	aborations ages created	during	·	[ational [12	Г	ny other _	
From	Funding a	gency R	LS. 145.8	8		From	n Mana	agement o	of Coll	ege	Rs. 10.00	
3.16 N	No. of pate	ents received	d this yea	ır T	ype o	of Pate	nt			Num	ber	
						1		Applied Granted				
		Inte	ernati	ional		Applied -						
				Con	mme	rcialis	ed -	Applied Granted				
3.17 I year	No. of reso	earch award Internat		nitions rece Nationa		by fac	•			lows of	The institute College	in the

01

01

3.18 No. of faculty from the Institution who are Ph. D. Guides 72	
3.10 Tvo. of faculty from the institution who are Th. D. Gardes	
and students registered under them 27	
3.19 No. of Ph.D. awarded by faculty from the Institution 20 (See Annexu	re XII)
3.20 No. of Research scholars receiving the Fellowships (Newly enrolled + existing ones)	
JRF 05 SRF Project Fellows 06 Any other	
(See Annexur	e XIII)
3.21 No. of students Participated in NSS events:	
University level 200 State level	10
National level 01 International level	
3.22 No. of students participated in NCC events:	
University level 200 State level	25
National level 05 International level	
3.23 No. of Awards won in NSS:	
University level 05 State level	
National level International level	
3.24 No. of Awards won in NCC:	
University level 10 State level	10
National level 03 International level	
3.25 No. of Extension activities organized	
University forum 01 College forum	30
NCC 08 NSS 10 Any other	07
(See Annexure XIV & Annex	ure III)

- 3.26 Major Activities during the year in the sphere of extension activities and Institutional Social Responsibility
 - ❖ NSS camp in the adopted villages
 - ❖ Blood donation camp
 - ❖ Blood grouping camp
 - * Release of Blood Donors Directory
 - ❖ Anti Tobacco awareness Rally
 - ❖ Anti Cancer awareness Rally
 - ❖ Aids awareness programme
 - Eye check up camp
 - ❖ Women Hygiene
 - ❖ Anti Plastic awareness camp

(See Annexure XIV and Annexure III)

4. Infrastructure and Learning Resources

4.1 Details of increase in infrastructure facilities:

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	27.8 Acres	 (Outdoor Stadium)		
Class rooms	100		Management and CSR Fund from organizations	100
Laboratories	29			29
Seminar Halls	09 There is a hall in the Indoor stadium			09
No. of important equipments purchased (≥ 1-0 lakh) during the current year.				
Value of the equipment purchased during the year (Rs. in Lakhs)	1085.09	25.03	UGC, DST, Students' Fee and Management Contribution	1110.12
Others (Computer peripherals & Multimedia solutions)				

4.2 Computerization of administration and library.

A custom-made Software has been designed and installed for computerization of the office of Controller of Examinations.

The library information software was updated and all the library activities have been computerized. Web-based catalogue of library has been installed. OPAC has been installed.

Software by name 'PALPAP' has been under use for College Administration.

College has had a tie up with State Bank of India for online payment of College fees, Exam fees, Hostel fees, Arrear Examination fees and other fees.

4.3 Library services:

	Existing		Newly	added	Total		
	No.	Value (Rs.)	No.	Value	No.	Value	
	110.	value (Rs.)	110.	(Rs.)	110.	(Rs.)	
Text Books	97,411	8,67,38,83	181	50,632	97,592	8,67,89,46	
Text Books		7				9	
Reference Books	9,167	11,72,538	35	21,700	9,202	11,94,238	
e-Books	102	1,02,015	05	24,612	107	1,26,627	
Journals	2,154	5,000	3,05,000	1,58,250	3,07,154	1,60,750	
e-Journals	51,746		33,000	1,08,250	84,746	1,10,750	
Digital Database	Nil	Nil	Nil	Nil	Nil	Nil	
CD & Video	310	4650	10	100	320	4750	
Others (specify)	Nil	Nil	Nil	Nil	Nil	Nil	

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Depart -ments	Other s
Existing	234	04	02	04	04	12	Yes	
Added		01	01	01	01	01		
Total	234	05	03	05	05	13	Yes	

- 4.5 Computer, Internet access, training to teachers and students and any other programme for technology upgradation (Networking, e-Governance etc.)
 - * All the Computers in the College are connected through lane. Internet connectivity has been given to all the system.
 - * The College offers three Computer Courses under Skill based programme for all the Under Graduate students.
 - * College office and Office of the Controller of Examinations are fully computerized.
- 4.6 Amount spent on maintenance in lakhs:

i) ICT Rs. 1,22,800/-

ii) Campus Infrastructure and facilities Rs. 10,00,000/-

iii) Equipments RS. 49,900/-

iv) Others Rs. 68,632/-

Total: Rs. 12,41,332/-

Criterion - V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

The following programmes were introduced in the College on recommendation of the IQAC.

- Career Guidance Cell of the College organized an orientation programme for the final year UG
 and PG students giving details of Job opportunities, Higher education and Campus recruitment
 programme.
- Remedial coaching classes are conducted for SC/ST students.
- Career Guidance Cell of the College conduct coaching classes for students appearing for Competitive examinations.'
- NET coaching classes are organized by the Department of English, Botany, Physics and Economics.
- Companies were invited for On-Campus and Off- Campus recruitment programme.
- A 40 Hours bridge-course is conducted for all the I UG students as a transition phase from School to College education.
- Orientation Programme for M.Phil. scholars
- 5.2 Efforts made by the institution for tracking the progression

The College follows Tutor-ward system and Continuous Internal Assessment System for tracking the Progression of the Students. The details are given below.

Tutor - Ward System

The tutor ward system is one of the best practices of the College. Each Tutor is entrusted with a group of 25 - 30 students. He/She caters to the academic intellectual, psychological and emotional needs of the ward students and maintains their progress reports. He / She also acts as a liaison between the student - parent - principal.

Under this system, a staff member is made in-charge for each class within the respective department. They should continuously watch the performance of the students and give them counselling. The staff members remain in the staff rooms half an hour after the college work gets over. 5 students of the class meet him or her in the staff room every day. The staff give them counselling regarding attendance, submission of assignment and performance in CIA tests. Another set of five students will meet the staff next day. By this way all the students will meet their respective tutors in course of time and the cycle continues.

Continuous Internal Assessment

The performance of students is evaluated both by Continuous Internal Assessment (CIA) and by external evaluation within campus under Autonomy set up. The Continuous Internal Assessment is monitored as shown below.

Components	Under Graduate	Post Graduate	M.Phil.
Assignments	$3 \times 2 \text{ Marks} = 06 \text{ Marks}$	3 x 2 Marks = 06 Marks	5 x 2 Marks = 10 Marks
CIA Test	2 x 7 Marks = 14 Marks	5 + 7 Marks = 12 Marks	1 x 10 Marks = 10 Marks
Seminar		1 x 2 Marks = 02 Marks	1 x 5 Marks = 05 Marks
Teaching Practice			10 Marks
Attendance	05 Marks	05 Marks	05 Marks
Total	25 Marks	25 Marks	40 Marks

Marks for attendance will be awarded as below

95-100% - 5 marks
91-95% - 4 marks
86-90% - 3 marks
81-85% - 2 marks
75-80% - 1 marks
Less than 75% - with held

Evaluation methods are detailed in College calendar. Students are provided with copy of the syllabus of the programme. Students are provided with valued answer scripts for all the CIA test.

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others (M.Phil/Diploma/Certificate –other)
2880	554	27	169

(b) No. of students outside the state

19

(c) No. of international students

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Men

No	%	
2551	70%	W

Women

No	%
1079	30%

	Last Year (2013-14)						T	his Y	ear (20	14-15)	
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
67	1033	74	2532	05	3711	61	966	53	2544	06	3630

Demand ratio -1:300 Dropout $\% \ge 1\%$

5.4 Details of student support mechanism for coaching for competitive examinations (If any)

- Bridge Course for 90 hours is conducted for all the I UG new entrants.
- Remedial coaching is conducted for the students who have failed in end-semester examinations
- A coaching class for NET examination is conducted by the Departments of English, Physics and Economics
- A group of students comprising of rank holders in each class form the 'Core Group' is trained throughout the year on general knowledge
- Communicative English course is organized for the students of rural background.
- Coaching classes for 'entry into Services' are conducted

No. of students beneficiaries 300 (no. of placements) 200

5.5 No. of students qualified in these examinations

NET	18	SET/SLET	 GATE	01	CAT	1
IAS/IPS etc		State PSC	 UPSC		Others	

5.6 Details of student counselling and career guidance

Personalized Counselling under Tutor – Ward System

The tutor ward system is one of the best practices of the College. Each Tutor is entrusted with a group of 25 - 30 students. He/She caters to the academic intellectual, psychological and emotional needs of the ward students and maintains their progress reports. She also acts as a liaison between the student - parent - principal.

Under this system, a staff member is made in-charge for each class within the respective department. They should continuously watch the performance of the students and give them counselling. The staff members remain in the staff rooms half an hour after the college work gets over. 5 students of the class meet him or her in the staff room every day. The staff give them counselling regarding attendance, submission of assignment and performance in CIA tests. Another set of five students will meet the staff next day. By this way all the students will meet their respective tutors in course of time and the cycle continues.

No. of students benefited

Over 2500

5.7 Details of campus placement

	Off Campus		
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
09	200	44	19

5.8 Details of gender sensitization programmes

There is a gender club in the College. The Club organized two meetings in the year 2014-15 on gender sensitization. A course on Gender Studies is offered to UG students during the III year of the programme.

5.9 Students Activities

5.9.1 No. of students participated in Sports, Games and other events

State/ University level 60 National level 06 International level 01 No. of students participated in cultural events International level State/ University level 30 National level 5.9.2 No. of medals /awards won by students in Sports, Games and other events 05 Sports: State/ University level 30 National level International level 01 Cultural: State/ University level National level 10 International level

5.10 Scholarships and Financial Support

Items	Number of students	Amount Rs.
Financial support from institution	50	1,00,000/-
Financial support from government	1376	70,34,603/-
Financial support from other sources	31	1,04,750/-
Number of students who received International/ National recognitions	02	1,00,000/-

5.11 Student organised	d / initiatives				
Fairs : State/ Univ	versity level 03	National level		International level	
Exhibition: State/ Univ	ersity level	National level		International level	
5.12 No. of social init	iatives undertaken by t	the students	11		
5.13 Major grievances of	of students (if any) red	ressed:	Nil		

Criterion - VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

Motto

"Saa Vidyaa Yaa Vimukthayea"

That alone is knowledge which liberates.

Vision

To offer quality Higher Education to the younger generations, especially from rural India, who are economically and socially backward, to liberate themselves from prejudice, oppression and ignorance and to gain knowledge for their bright future.

Mission

- To ignite the young minds with lofty ideals and inspire them to achieve excellence in the chosen field
- To facilitate individual growth of students, with accent on character building, through co-curricular and extra-curricular activities.
- To encourage the students to take-up research and help them reach global standards.
- To provide a congenial atmosphere to study and learn, with infrastructural facilities of highest order.
- To instil in the minds of the students, the sense of Nationalism and to train them in social awareness.
- 6.2 Does the Institution has a management Information System

YES. A software by name PALPAP is used

- 6.3 Quality improvement strategies adopted by the institution for each of the following:
 - 6.3.1 Curriculum Development

All the UG and PG syllabi are revised for every three years. Syllabi of Computer Science is revised every year.

Eminent scholars from other Institutions have been included in the Board of Studies.

6.3.2 Teaching and Learning

Though chalk and talk method is widely adopted, many staff members use Power Point Presentations and multimedia during their class work.

Many teachers conduct Webinars on special topics and use interactive boards for lectures.

Students are encouraged to interact with the teachers during class hours Practical courses are given priority in the teaching and learning process in all the Science departments.

6.3.3 Examination and Evaluation

All PG and UG students write Two Continuous Internal Assessment Tests (CIA) every semester. The College follows an exclusive scheme of awarding CIA marks.

Submission of End-semester Examination Application forms, Issue of Hall-Tickets and Publication of Results are done through On-line mode.

For English language course, Oral component has been included in order to make the students to communicate in English.

In all the Practical Courses, Oral Component has been included.

No Staff member of our College is included in the evaluation of Answer Scripts of End Semester Examinations. Only external examiners value the answer scripts.

6.3.4 Research and Development

A common Research facility has been established in the name of National College Instrumentation Facility housing high end Analytical Equipment such as SEM, GC-MS, FACS, HPLC, AAS, FT-IR, UV-Vis Spectophotometer, Flourescence Spectrophotometer, Micro Hardness Tester and Millipore Water Purification System.

Research Scholars and staff from other institutions often use the NCIF for their sample analysis.

M.Phil. and Ph.D. scholars are admitted through a Screening Written and Oral Test.

Many Staff members submit proposals to funding organizations to conduct major and Minor Research Projects. In the year 2015-2016, 06 staff members obtained major projects.

6.3.5 Library, ICT and physical infrastructure / instrumentation

- The College library is functioning in an exclusive 3-floor building.
- There are about 1 lakh and ten thousand volumes of Books in the library

- All important National journals and a few International journals are being subscribed.
- The entire operations of the library is carried out using a Library Information System implemented through bar-codes.
- There is an e-library section.
- The library is connected through INFLIBNET and has an access to more than 1000 journals through it.
- There is an Audio-Visual section and a conference Hall in the Library.
- The College has 6 computer laboratories with a total of 371 computers.
- All the departments have been provided with computers.
- All the Computers in the College have been connected with Internet.
- All Science departments in the College have been provided with Interactive White Board.
- Teachers often conduct Webinars in the area of their specialization.
- A common Research facility has been established (NCIF) housing high end Analytical Equipment such as
 - a. SEM,
 - b. GC-MS.
 - c. FACS,
 - d. HPLC,
 - e. AAS.
 - f. FT-IR,
 - g. UV-Vis Spectophotometer,
 - h. Flourescence Spectrophotometer,
 - Micro Hardness Tester and
 - j. Millipore Water Purification System.
 - k. Flow Cytometer
 - 1. FT-IR

Besides, every department possesses multimedia projection system and scientific equipment to enable regular laboratory activities.

All the PG students are asked to deliver Seminars using Power Point Presentation.

An Indoor stadium with a basket ball court and four badminton court has been constructed with Gallery

The College has an Outdoor stadium of 8 tracks & field with a capacity of about 500 seats is under construction

6.3.6 Human Resource Management

The College has an efficiently functioning Human Resource Management to monitor and Coordinate the multifarious functions of the College.

General Administration

There is a College Committee consisting of members of the Managing Committee, Principal of the College, two senior professors and a University nominated representative as per the provisions of the TNPC ® Act, 1976. This is the apex body, which takes decisions on appointments, affiliation for new courses, provision of infrastructure for the college, additional construction and all such matters of administration. Padma Vibhushan Dr.V.Krishnamurthy, is the President of the College Committee at present.

The Secretary of the Governing Council is also the Secretary of the college committee. Thiru. K. Raghunathan, is the Secretary of the College Committee at present. The Principal is the head of the institution and he acts as a connecting link between the staff and the management.

The Principal is in charge of the day-to-day academic affairs of the college, There is a Professor-in-charge to look after the Un-Aided Programmes.

- The Principal co-ordinates and monitors the working of the various departments through the Deans of Arts and Science, Heads of the departments under them and office superintendent.
- The Heads of the departments co-ordinate and monitor the work of the departments.
- The Principal co-ordinates and monitors the work of the Un-aided Courses through the Professor in-charge.
- The Professor in-charge of the un-aided courses co-ordinates and monitors the work through the staff of various departments.

- The office superintendent monitors and co-ordinates the office work and the work of all the supporting staff.
- The Principal monitors and co-ordinates all the extracurricular activities of the college through the staff in-charge of respective activities.
- There are several committees in the college such as the Library Committee, the Sports and Games Committee etc. These committees discuss and monitor the activities assigned to them. The conveners of these committees co-ordinate the activities to which they are in-charge.
- The college managing committee periodically reviews the performance of the college through the reports of the Principal and monitors the progress of the institution.

6.3.7 Faculty and Staff recruitment

The management provides a congenial and stress free working environment for the staff to retain them in the College. During recruitment, the college gets a list of eligible candidates from the employment exchange and also invites applications through advertisement in News Papers to attract talented youths to take up faculty positions in the College. Merit and ability are criteria for selection. While selecting Non-Teaching staff preference is given to the candidates with the knowledge of Computer Applications. If a Non-Teaching staff acquires suitable qualification, the management considers him/ her for the appointment as teaching faculty.

6.3.8 Industry Interaction / Collaboration

PG Diploma in Clinical Trial Management is offered with Consortium Clinical Research Pvt. Ltd., Coimbatore.

Diploma in Welding and Fabrication is offered in collaboration with Welding Research Institute and BHELSIA, Trichy.

Diploma in Factory Management is offered in collaboration with BHELSIA, Trichy.

Diploma in Bio-medical waste management is offered with an industry support from Incinerator Plant operated by Tanjore Municipality.

6.3.9 Admission of Students

Students who secured high marks in +2 Examinations have joined in UG programmes.

Students of other Colleges largely seek admissions for PG programmes.

Many students who studied in city schools have joined in BCA, B.Com. and B.Sc. programmes.

6.4 Welfare schemes for

Teaching	There is employee's cooperative society in the college. Loans for domestic and educational purposes are extended to them.
	• Teachers who travel abroad for attending conferences/Seminar are provided a financial support of Rs. 10,000/- each.
	• Teachers who publish papers are given a cash award of Rs. 2000/- per paper.
	• Teachers who take additional responsibilities in the College are suitably rewarded at the end of each semester.
	Teachers completing 25 years of service are presented with a Wrist-Watch.
Non teaching	There is employee's cooperative society in the college. Loans for domestic and educational purposes are extended to them.
	• Non-Teaching Staff completing 25 years of service are presented with a Wrist-Watch.
Students	Outstanding sports persons are provided free boarding and lodging
	Physically challenged students are provided with wheel-chairs and tricycles.
	Meritorious students are honoured with wrist watches during the College day celebrations
	Number of endowments have been created to offer prizes for the meritorious students (See Annexure III)
	• Three students of B.A., English, and a student in B.Sc. Mathematics are given special scholarships
	Best User Award is given to ten students who use library regularly
	A few day scholar students who stay in the Campus after the College hours for attending additional classes are provided with free lunch.

65	Total	cornus	fund	generated
0.5	1 Otal	corpus	Tunu	generated

Rs. 3,16,000/-

The management has a corpus fund of Rs. 1 Crore as fixed deposits in a Nationalized bank. The interest generated out of the fund is used for maintenance of the infrastructure in the College.

6.6 Whether annual financial audit has been done

Yes / No

6.7 Whether Academic and Administrative Audit (AAA) has been done?

Audit Tymo	External		Internal	
Audit Type	Yes/No	Agency	Yes/No	Authority
Academic	✓	External Experts	√	Dean of Science/Dean of Arts
Administrative	✓	Joint Director of Collegiate Education	√	Management

6.8 Does the University/ Autonomous College declare results within 30 days
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For UG Programmes

Yes / No

For PG Programmes

Yes / No

6.9 What efforts are made by the University/ Autonomous College for Examination Reforms?

- In the year 2015-2016, the syllabi of all the UG and PG programmes have been revamped.
- Academic Council, IQAC and Board of Studies generally give suggestions for the improvement of Examination system in the College. Academic Council and all the Board of Studies have been reconstituted during the year.
- Online submission of application, issue of hall-ticket and publication of results are carried out.
- Customized software has been installed in the office of the Controller of Examinations for maintaining all the data pertaining to examinations.
- Oral examination is conducted for all Science Practical Courses and Communicative English Course

6.10 What efforts are made by the University to promote autonomy in the affiliated/constituent colleges?

Not.	App1	licable
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- 6.11 Activities and support from the Alumni Association
 - Annual meeting of Alumni Association is held on the 1st Sunday of February every year.
 - Many old-students have created endowments to offer Prizes to the meritorious students.
 - Old students who are working in Industries are providing support to the final year PG students for their project works and Industrial Visits
- 6.12 Activities and support from the Parent Teacher Association

Parent-Teachers' Association extended financial support of Rs. 12 Lakhs towards the payment of Salary to the Staff who have been appointed in the Govt. vacancies in order to avoid cancellation of classes.

- 6.13 Development programmes for support staff
 - Supporting staff are promoted to Secretarial staff on acquiring higher qualification
 - Wards of the supporting staff are given priority in the admission in the National / SM High School.
- 6.14 Initiatives taken by the institution to make the campus eco-friendly
 - The Campus has been declared as 'Litter-free' and 'Plastic-free'.
 - Tree plantation is carried out every year.
 - Garden is maintained in the Campus.
 - Degradable and non-degradable garbages are segregated every day
 - Degradable wastes are collected in a earthworm pit for use as manure
 - Non-degradable wastes are transported to City Corporation Dust-bin

Criterion - VII

7. Innovations and Best Practices

7.1 Innovations introduced during this academic year which have created a positive impact on the functioning of the institution. Give details.

Online payment of system has been introduced with tie up of State Bank of India.

Series of workshops have been conducted in the Department of Biotechnology. This has created awareness among the participants to approach the department and faculty for higher studies and research programmes.

Students of M.Sc. Applied Geology were given 10 days training on Image Processing and Geographical Information System.

Number of endowment lectures are conducted inviting eminent personalities from the Country to motivate the students. This has had a good impact on the general behavior and attitude in the minds of the students.

7.2 Provide the Action Taken Report (ATR) based on the plan of action decided upon at the beginning of the year

Plan of Action	Action Taken Report (ATR)
To submit proposal to UGC for review of Autonomous Status to the College.	UGC Committee to review the Status of Autonomy visited the College during 1 st – 3 rd February 2016. Based on the visit Autonomous Status has been extended to the College till 2021-22.
To submit proposal to UGC for Community College.	UGC has approved our proposal to start a Community College to offer Certificate, Diploma and Advanced Diploma on Welding and Fabrication. Grants have been received and classes are being undertaken.
To introduce online mode of payment for College, Hostel and Examination fees.	Online payment system has been introduced through I-collect scheme of SBI.
To revise all the syllabi with industrial input	Since three years are over after the last revision of syllabi of all the UG, PG and M.Phil. Programmes, the syllabi were completely revised. Industrial experts and Subject experts from other organizations were included in the Boards of Studies in order to give Industrial orientation.
To Sign an MoU with SSB-SOL for facilitating students to pursue Higher Education abroad.	An Office for International Admission Service has been established. An MoU with SSB-SOL has been signed for the same.

To conduct all the annual Endowment Lecture as held in the previous years.	All the Endowment Lectures in the names of Rajaji Memorial Sir. C.V. Raman Dr. C. Rengarajan Prof. N. Gopalakrishna Iyer Sri. Ramanujan Dr. K. Rajarathinam Prof. M.S. Venkatrama Iyer Principal Saranathan Memorial Golden Jubilee Endowment Dr. N. Seshadri were held in the College during the Academic year 2015-2016. (See Annexure III)
To continue to conduct Workshops in Bioprocess Technology for PG students from Colleges around Tiruchirapalli.	Workshop on Bioprocess Technology and Bioinformatics (Tools and Softwares) were held on 20 th February, 2016 and 5 th March 2016 respectively.
To conduct Annual meeting of Alumni of the College on the 1 st Sunday of February.	The Annual Meeting of Alumni Association was held on 07.02.2016. Dr. N. Seshadri, Director, Distance Education, SASTRA University was honoured as outstanding Alumnus of the College.
To conduct Bridge Course for the I UG students at the beginning of the year.	The Department of English Conducted a Bridge Course for freshers of U.G programme for 20 days. The new entrants were taught the rudiments of English Language
To introduce Open Public Access Catalogue system in the Library through online.	Software has been procured and installed for the OPAC.A link has been provided in the College website for the access of Library catalogue of our College.
To conduct Annual Graduation Day to distribute Degree Certificates.	The 2016 Graduation Ceremony was truly a momentous occasion for our College. There were 600 graduates, and the Chief Guest A.P. Dash Vice Chancellor, Central University of Tamil Nadu, Tiruvarur.
To conduct programmes like Blood Donation Camp, Anti Tobacco Rally, Anti Cancer Awareness Rally, Women Hygiene Rally	All these programmes were conducted during the year (See Annexure III)
To conduct a series of Outreach Programme for the students of Mathematics on Advanced	Outreach Programmes for M.Sc. Mathematics students and Research Scholars in and around

Mathematics	Trichy. The first programme commenced on 04.06.2015 to 06.06.2015. The second Outreach Programme was held from 15.08.2015 to 17.08.2015. The third Outreach Programme was held on 24.09.2015 to 27.09.2015. The fourth Outreach Programme was held on 06.02.2016 to 08.02.2016. The fifth Outreach Programme was held on 05.03.2016 to 07.03.2016.
To conduct NACOTECH by the Department of Computer Science and NACOMAT by the Department of Mathematics	NACOTECH was organized on 29.02.2016 and NACOMAT was organized on 18.03.2016
To conduct Seminars and Workshops on Recent Developments	The list of Seminars and Workshops conducted by various departments are provided in the Annexure IV
To conduct a series of meetings for the Core Group of students	The details are provided in the Annexure III
To publish News Bulletin and College Magazine	The two News Bulletin covering activities of each semester and the Annual College Magazine were published. (See Annexure III)

7.3 Give two Best Practices of the institution (please see the format in the NAAC Self-study Manuals)

Leaflets containing Anecdotes/moral stories/famous quotes are distributed to the Students each one at the main entrance of the College every day in order to make them read and improve their communication.

To encourage the staff members in research, 75% of the research fee collected from the Scholars is given to the staff who guide the scholars.

A cash incentive of Rs. 2000 is given to each staff members who publish research articles in Journals.

7.4 Contribution to environmental awareness / protection

- There are four units of NSS in the College. They have adopted four villages near Tiruchirapalli. Every year, a camp of 15 days is organized in these villages. During the camp, Tree plantation, Lectures on Environmental Awareness, Anti-plastic Rally etc are conducted for the villages.
- There are four Units of NCC in the College. Each unit organises a Tree plantation programme in the College Campus.
- In the UG curriculum, a course on Environmental Science is offered to all the students with Two Credits

- Segregation of the degradable and non-degradable waste are being carried out in the Campus.
- Degradable waste are dumped into Compost Pit. The compost material are used for gardening.
- Non-degradable materials are transported to the Corporation Dust-bin.

7.5 Whether environmental audit was conducted? Ye	es	No	
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7.6 Any other relevant information the institution wishes to add. (for example SWOT Analysis)

Strength – Majority of the staff members are Ph.D. Degree holders. Many of them involve themselves in active research and guiding Ph.D. scholars. There is a good research output in the College. Eight Major Projects are being undertaken now.

Teachers are committed in Teaching-Learning process and they support students in their curriculum and co-curricular activities.

Weakness – Students of the College come mainly from Villages around Tiruchirapalli from the families of Agricultural daily-wage labourers. Almost all the students had their school education in Government Schools in Tamil medium. At the start of the Curriculum, the students find difficult studying courses in English medium.

Many teaching posts are vacant as the Government of Tamil Nadu does not give approval to fill-up the vacancies.

Opportunities – As mentioned in the weakness, Students of the College come mainly from Villages around Tiruchirapalli from the families of Agricultural daily-wage labourers. Almost all the students had their school education in Government Schools in Tamil medium. In the beginning periods of the College, the students find difficult studying courses in English medium. But, there is great improvement in the knowledge from the time of entry to exit. It is an opportunity for the College to support the wards of downtrodden families of the region.

Threat – Many teaching and non-teaching posts are unfilled due to State Government policy. There is little stability by appointing personals in these positions on a Temporary basis and it becomes a threat for the College to achieve the expected growth in the years to come.

8. Plans of institution for next year

- * To complete III- Cycle of NAAC Assessment and Accreditation.
- ★ To improve the students admission in the second shift classes
- ★ To introduce B.Sc. Biotechnology programme
- ★ To establish an Animal House to support the Researchers of the Department of Biotechnology and Microbiology
- * To construct a toilet block
- ★ To construct drainage around the auditorium
- ★ To submit proposal to UGC for the construction of Toilet Block
- ★ To submit proposal to Entrepreneurship development to the Institute in New Delhi under Udhyamitra Scheme
- ★ To support researchers in the Science department to conduct inter-disciplinary research

Name Dr. K. ANBARASU
Signature of the Chairperson, IQAC

List of Members of IQAC

S. No.	Members	Designation
1.	Dr. K. Anbarasu	Principal, Chairperson
2.	Dr. M.S. Mohamed Jaabir	Co-ordinator, IQAC
3.	Dr. S.P. Anand	Asst. Prof., Department of Botany
4.	Dr. M. Murali	Asst. Prof, Department of Chemistry
5.	Dr. R. Srinivasan	Asso. Prof., Dept. of Commerce
6.	Dr. T.V. Sundar	Asst. Prof. (SG), Department of Physics
7.	Mr. V. Sri Ramachandran	Asst. Prof. Dept. of English
8.	Ms. I. Irene Sundari Angelo	Asst. Prof., Department of Business Administration
9.	Prof. S. Sangeetha	Asst. Prof., Department of Chemistry
10.	Dr. P. Raghavan	Librarian
11.	Dr. D. Prasanna Balaji	Physical Director
12.	Dr. D. Muthuramakrishnan	Asst. Prof. (SG), Department of Mathematics., Syndicate Member, Bharathidasan University, Tiruchirapalli
13.	Mrs. K. Savithri	Office Superintendent
14.	Thiru. K. Raghunathan	Secretary, National College – Management Representative
15.	Thiru. S. Sundar	Management Representative
16.	Prof. R. Panchanathan	Societal Representative
17.	Major Prof. Aravandi	Societal Representative
18.	Dr. Jeyanthasri Balakrishnan	Societal Representative
19.	Narayanan Mahadevan (I M.Com.)	Student Representatives
20.	Navindran M. (I MA English)	Student Representatives
21.	Vallidivya (II BSc Geology)	Student Representatives
22.	Rubini S. (I MA English)	Student Representatives

Annexure – I

Details of IQAC meetings held

S. No.	IQAC Meeting Date	Venue
1.	19.06.2015	Committee Hall, Library Building
2.	22.04.2016	Committee Hall, Library Building

Annexure II

List of Endowment Lectures

- * Rajaji Memorial Endowment Lecture
- * Sir. C.V. Raman Endowment Lecture
- * Padma Vibhushan Dr. C. Rengarajan Endowment Lecture
- * Prof. N. Gopalakrishna Iyer Endowment Lecture
- * Sri. Ramanujan Endowment Lecture
- * Dr. K. Rajarathinam Endowment Lecture
- * Prof. M.S. Venkatrama Iyer Endowment Lecture
- * Principal Saranathan Memorial Endowment Lecture
- * Golden Jubilee Endowment Lecture and
- * Dr. N. Seshadri Endowment Lecture

Annexure III

Our Motto: "That alone is knowledge which liberates"



Shri. R. Chidambarm, Prinicpal Scientific Advisor to Govt of India, delivering CV Raman endowment lecture at National College

'Advanced technological superstructure essential'

It cannot be attained without solid foundation of higher education and basic research

Principal scientific adviser to the central government R Chidambaram said here on Thursday, 12, Nov, 2015, that energy security and climate change are the two important challenges of the 21st century. Delivering the Dr CV Raman Memorial Endowment Lecture at the National College here, Chidambaram said India is witnessing radical changes and aiming to join the league of developed countries. "As the usage of nuclear power is being reduced in developed countries, India should use this as an opportunity to cater to other countries when demand rises for it down the line," said the Padma Vibushan awardee. The former director of Bhaba Atomic Research Centre urged students to

research on subjects that will solve important problems. "Research should be important to science and also to the society if India wants to become a developed country," he added. "India for long has been developing nuclear technologies indigenously. It has a great potential to grow in the field of nuclear power," he said. "While many countries have taken up steps to cut down nuclear power, developing economies are working on to increase nuclear power," he added. Listing out a statistics on the usage of nuclear power by developing countries, he said China is on the top by aiming to generate 27,000 MW from over 50 reactors to be built in the coming days and India is aiming at 6,000 MW.

लोगो निवीं

- A festival on cultural heritage

NSS unit of National College, along with the, Young Indians (Yi), Tiruchi Chapter, organised a sensitisation programme and a festival on the cultural heritage of India in association with the NSS Regional Centre, Chennai. Christened, Mini India, volunteers and artists from all over India and Sri Lanka participated and exhibited their talents on various art and cultural forms found abundant in the sub-continent. K. Balamurugan, Regional Passport Officer, Chennai, the chief guest, observed that though the art forms of India are found in different languages, they convey, in uniform, the greatness of the soil. Art forms such as Karagam, Bharthanatyam, Koodiyattam, Kathakali, Kuchipudi, Mohiniyattam, Yakshagana, Kathak and Odissi mirror the culture of India, he said. Ravi Murrugaiah, chairman, Vasan Estates, emphasised the need for preserving the art forms and cultural practices of the country. There were nearly 20 events, performed by the participants from different parts of the country. K. Anbarasu, Principal, National College, D. Prasanna Balaji, NSS Officer, and Ponnambalam, Chair, Young Indians (Yi), Tiruchi Chapter, spoke. Captain Subash Chand, NSS Chief, Chennai, Karthikeyan, Youth Officer, NSS, Bengaluru, Samuel Chelliah, NSS Officer, Thiruvananthapuram, were





Dear Reader,

This News Bulletin enters its 10th year of publication from the Academic year 2015-16. I congratulate the Principal and the Editorial staff for their sustained hard work in bringing out this New Bulletin in an attractive layout,

containing all the activities in the College during every semester.

This Academic year will be another milestone to reach. The College has to submit itself for the 2nd cycle of "Autonomous" Status, 3rd cycle of "NAAC" Re-Accreditation and the 2nd term for "College with potential for Excellence" Status. All the three are highly important and I am positive that we will attain all the three of them with flying colours. The Principal and the Staff members are a dedicated lot and I have no fears in achieving our goal.

The College jointly with Ramanujan Mathematical Society had organized two outreach programmes. The Mini India programme organized jointly with Young Indians was a huge success. Sri.Vishnu Narayanan of our Physical Education class, who is a Yoga Expert, went to Russia and participated in the BRICS.

The Sir.C.V.Raman Endowment Lecture was delivered by Sri.R.Chidambaram, Principal Scientific Adviser to the Government of India. The even semester has much in store for us.

During this semester almost all the Departments were very active, organising Special Meetings, Workshops and Seminars. In Sports activities the College is making a mark for itself.



Dear Reader,

Like any other semester this semester also there were many events both academic and co-curricular. The visit of Dr. R. Chidambaram, Principal Scientific Advisor to the Government of India for delivering Dr. Sir C.V. Raman

Endowment Lecture, Mini India, a cultural event organized by the Department of Physical Education were the two hallmark events.

The achievement of the students in the field of Sports during this semester needs a special mention. Ms. A. Chandraleka, I B.A. English won number of Competitions at the National Level in 100 and 200 meters running. Mr. A. Mothi Arun, II B.A. English won National Level Competitions in High jump with a new record of 2.4 meters height. Mr. Vishnu Narayanan, II B.Sc. Physical Education demonstrated Yoga in presence of President of Russia Mr. Putin and Prime Minister Mr. Narendra Modi is a laurel to the College. Students also participated in Fine Arts, Quiz, Oratorical and other Competitions conducted by various Colleges and won prizes in many. I congratulate all of them.

Life Insurance Corporation of India, Tiruchirapalli and BHEL, Tiruchirapallii celebrated Vigilance Awareness Week in our College by conducting Oratorical Competitions.

The sanctioning of a Major Project by Ministry of Earth Sciences (MoES) to study the Sea level changes along the coast of Tamil Nadu to our college is an added feather in our cap.

All this is only a tip of the ice berg and let us strive for more mile stones in future.

SECRETARY

PRINCIPAL

International Yoga Day Celebrations





Endowment Lectures

சர்.சி.வி.ராமன் நினைவு அநக்கட்டளை சொந்பொழிவு

நமது கல்லூரியில் 12.11.2015 அன்று பாரத சர்.சி.வி.ராமன் நினைவு அநக்கட்டளைச் ரத்னா சொற்பொழிவு பத் மவிபூ ஷன் முனைவர் வி.கிருஷ்ணமூர்த்தி குளிரரங்கில் நடைபெற்றது. இச்சொற்பொழிவிற்கு வந்திருந்தவர்களைக் கல்லூரி முனைவர்.கு.அன்பரசு வரவேற்றார். முதல்வர் ஆங்கிலத் துறைப் பேராசிரியர் முனைவர் கே. சீனி வாசன் சிறப்பு விருந்தினரை அநிமுகப்படுத்தினார்.

பிறகு சிறப்பு விருந்தினரான இந்திய அரசின் முதன்மை அறிவியல் ஆலோசகரும்; அமைச்சரவையின் அறிவியல் ஆலோசனைக் குழுத் தலைவருமான பத்மவிபூஷன் முனைவர் ஆர்.சிதம்பரம் சிறப்புரை ஆற்றினார். தனது உரையில், "எனது அலுவலத்தை அழகு செய்யும் மூன்று நாயகர்களைக் குறிப்பிட விரும்புகிறேன். சர்.சி.வி.ராமன், ஹோமி



பாபா, சீனிவாச ராமானுஜம் ஆகிய மூவரை என்றும் நினைவில் கொண்டு செயல்படுகிறேன். பீட்டர் மெடாவர் என்ற உயிரியல் நோபலாளர் "எப்பொழுதும் இன்றியமையாத சிக்கல் களைத் கீர்க்கப் பணியாந்றுங்கள்" என்பதை ஏற்று செயல்பட்டால் அறிவுப் பொருளியலை அடையலாம். சர்.சி.வி.ராமன், சீனிவாச ராமானுஜம் ஆகியோர் இப்பகுதியைச் சேர்ந்தவர்கள். உலகம் புகழும் விஞ்ஞானிகளாகத் திகழ உழைத்து முன்னேறியதை மாணவர்கள் முன் உதாரணமாகக் கொள்ளலாம்.

தேசிய வளர்ச்சியும், தேசிய பாதுகாப்பும் ஒரு நாணயத்தின் இரு பக்கங்கள் ஆகும். பாதுகாப்பற்ற வளர்ச்சியோ, வளர்ச்சியற்ற பாதுகாப்போ பயனைத் தராது. மாணவர்கள் உடல் அளவில் தங்களை உறுதிப்படுத்திக் கொள்ளவேண்டும். பின்னர் மனதளவில் அநிவு நிலையில் உறுதி பெறுவது எளிது. அதைப் போன்றதே நாட்டு வளர்ச்சியும் ஆகும். அநிவு பரிமாற்றத்தில் இந்தியா தன்னைத் நிலைநிறுத்திக் தனிமைப்படுத்தி கொண்டுள்ளது. குறிப்பாக, அணுஆயுதப் பயன்பாடு அணுசக்திப் ஒன்றோடு ஒன்று பயன்பாடுகளில் ஏனைய நாடுகள் முன்னேறும் சார்ந்திருந்தும் பரிமாநிக்கொண்டும் நிலையில் இந்தியா தன்னளவில் தானே இவற்றை

சாதித்துக் கொண்டிருப்பது பாராட்டுக்குறிய ஒன்றாகும். கடின நீரைப் பயன்படுத்தி கல்பாக்கம போன்ற அணுசக்தி நிறுவனங்கள் யுரேனியம், தோரியம் போன்றவற்றால் பல சாதனங்களை நிகழ்த்திக் கொண்டிருப்பது குறிப்பிடத்தக்க ஒன்றாகும்.

இன்றைய உயர்கல்வி நிறுவனங்கள் அறிவுப் பொருளியலை உருவாக்க முன்வரவேண்டும். உலக நாடுகளின் முன்னேற்றங்களை இந்தியாவில் நிலைநிறுத்த நம்மால் முடியும். அதற்கு இந்தியத் தொழில்நுட்பம் ഖണ്യ வேண்டும். அணுசக்தியும் வானியல் ஆய்வும் மிகவும் துணை செய்வன. இந்திய ஆய்வு நிறுவனம் (ISRO) கொண்டிருக்கும் செயற்கைக் கோள்களை எடுத்துக் கொள்ளுங்கள். அவை இந்திய முன்னேற்றத்திற்கு สฌ่ฌளญ பயன்படுகின்றன என்பதைப் பாருங்கள். எனவே கான் இத்துறை ஆய்வுகளுக்குப் பல்கலைக்கழகங்களும், கல்லூரிகளும் முன்னுரிமை தரவேண்டும். தோகாமக், பிளாஸ்மா ஆய்வு நிறுவனம் அகமதாபாத்தில் இயங்குகிறது. கண்டுள்ள முன்னேற்றம் ரஷ்யா, பிரான்சு, கொரியா, ஜப்பான் ஆகிய நாடுகளுக்குப் பின் நாமும் தோகாமக் ஆய்வில் நல்ல முனனேற்றம் கண்டுள்ளோம்." ஏன்று குறிப்பிட்டார்.

மேலும் அவர் கூறியதாவது, "இராஜஸ்தான் அணுசக்தி நிறுவனம் ஆகஸ்டு 2014இல் 765 நாட்கள் தொடர்ந்து செயல்பட்ட வரலாற்றை ஏற்படுத்தியது. இத்தகைய முன்னேற்றங்களை நாம் எட்ட முடியும் என் ந நம்பிக் கை இந் தியாவில் உறுதிப்படுத்தப்பட்டுள்ளது. 'நாங்கள் குறுகிய காலத்திற்கு உங்கள் உதவியை நாடுகின்றோம். ஆனால் நீங்கள் நீண்டகாலத்திற்கு எங்கள் உதவியை நாடுவீர்கள் என மேலைநாட்டு விஞ்ஞானிகளிடத்தில் கூறியுள்ளேன்.

கூரிய ஒளிப்பயன்பாட்டில் பிரதமா் மிகுந்த கவனம் செலுத்துகிறாா். காா்பன் இல்லாத அல்லது மிகக் குறைவான காா்பனைக் கொண்ட பாதையை வகுப்பதே உலகின் முன்னுள்ள சவால். எனவே பன்னாட்டு கூரிய ஒளிப் பயன்பாட்டுக்கான கூட்டணி உருவாக உள்ளது.

இந்தியாவிலுள்ள பல்கலைக்கழகங்கள் அனைத்தையும் தொழில்நுட்பங்களால் இணைப்பது ஆராய்ச்சி நிறுவனங்களை இணைப்பது என்ற திட்டம் செயல்படுத்தப்பட்டுள்ளது. தேசியக் கல்லூரியையும் இவ்வரைபடத்தில் **இ**டம்பெரச் செய்யவேண்டும். தன்னம்பிக்கை, முன்னேறத் துடிக்கும் எண்ணம், ஒழுக்கம் என்ற உறுதி, ஆகியவை முடியும் எதிர்கால இளைஞர்களை விஞ்ஞானிகளாக்கும் என்பது எனது உறுதியான நம்பிக்கை" நிரைவாக பேராசிரியர் இயந்பியல் துறைப் முனைவர் ஏ.டி.ரவிச்சந்திரன் நன்றி கூறினார். நிகழ்ச்சியில் கல்<u>ல</u>ூரி நிர்வாகக்குழுத் துணைத் தலைவர் சக்ரபாணி, கல்லூரிச் செயலர் ரகுநாதன், தேர்வு நெறியாளர் பேரா. சிறப்பு சுந்தரராமன், அழைப்பாளர்கள், உள்ளுர் பிரமுகர்கள், பேராசிரியர்கள், மாணவர்கள், அலுவலர்கள் பங்கேற்றுச் சிறப்பித்தனர்.

Seminars / Workshops/Conferences

One day Seminar on Towards the Zenith

The Post Graduate Department of Computer Science of our College organized a Seminar on "Towards the Zenith" on 21.07.2015. Dr.P.S.S.Akilashri, Head, Department of Computer Science welcomed the gathering. Dr.V.R.Mathiazhagan, Professor In-charge, Unaided section presided over the Meeting. Dr.K.Srinivasan, Associate Professor, Department of English, delivered a Lecture on "We are in the middle of Zenith and Nadir". He started his speech by saying that to attain the Zenith, we have to follow the Ten Commandments like Smile, Be appreciative, Pay attention to others, Practice active listening, Bring people together, Resolve the problem, Communicate clearly, Have a sense of Humor, See from the point of view of others and don't complain. He said that one can widen his/her knowledge based on academics and application. He gave a formula "the more you listen, the more you speak, the more you read, the more you write" to the students to improve communication skills.



In the afternoon session, **Dr.V.R.Mathiazhagan**, Professor In-charge spoke on "Stress Management". He explained the reasons for Stress, how the Stress level differs from individual to individual, how to reduce and manage the stress by practicing Yoga, Meditation and Concentration. He concluded by saying that, nobody could live without stress but we must learn how to live with stress. Ms.K.Shinny, II M.Sc., (CS) proposed a vote of thanks.

A Two-Day National Seminar on Rhetorical Linguistics and Modern Grammar

A Two-Day National Seminar on Rhetorical Linguistics and Modern Grammar was conducted in the Department of English on 6th and 7th of August, 2015. **Dr.N.Ethirajalu, Vice-Chancellor, PRIST University, Vallam, Thanjavur** delivered the inaugural address in which he stressed the urgent need for the development of spoken English ability in the modern globalize world. He also stated that in China and Russia English was taught from the primary level to University level of Indians. But their English was not up to the level. Indian English Teacher's are in great demand abroad. In addition, many classical literatures in Tamil need to be translated. In that field there would be

ample chances for employability. So students must equip themselves with communicative competence, he said. Dr.K.Anbarasu, Principal, in his presidential address stressed the importance of communicative and writing skill.

Dr.K.Samiayyan, Dean, Agricultural College and Research Institute, Eachankottai, Thanjavur delivered the valedictory address in which he stressed the



importance of speaking skill. In many IT companies and Private sectors and also Engineering fields, would be much in need of English knowing people. He also emphasized that students must develop letter writing, report writing and article writing. **Dr.S.Raja, Director CAS in Linguistics, Annamalai University** delivered the keynote address. He traced the origin and the growth of rhetorics to ancient Greek and Rome and other countries. He also pointed out that Rhetoric would be one of the branches of applied linguistics but it had emerged as a main field of study in Literature. Rhetoric is essential for Poetry composition and for the art of speech. Some 35 papers were presented in the seminar from three states Karnataka, Pandicherry and Tamil Nadu.

Dr.V.Sekar welcomed the gathering. Dr.R.Elavarasu, delivered a vote of thanks and at the inaugural session addressed the theme of seminar and thrust areas of the Rhetorical Linguistics.

Workshop on Competency Skills

The Department of Business Administration conducted a One day Workshop on 8th July 2015. Dr.V.R.Mathiazhagan, Professor In-charge, Unaided section presided over the function. Dr.B.Sekar, Head, Department of B.B.A., welcomed the gathering.



Mr.A.Vivekanandhan, Director, AM IAS Academy, Trichy and Mr.M.Shagul Hameed, Coordinator, AM IAS Academy, Trichy and Miss.S.Jayashree, Soft Skill Trainer of AM IAS Academy, Trichy were the Resource Persons for the Workshop. They gave a scintillating speech on "Competencies". During their speech they discussed the Job opportunities available in Central and State government Sectors and explained the technique of clearing Competitive Examinations. Model question booklets were issued to test the reasoning power of students. Prof.R.Thirugnanasoundari, Vice-President of B.B.A. Association proposed a vote of thanks.

National Workshop on Crystal Growth, Thin Films and Solar Cells (WCTS - 2015)

PG and Research Department of Physics conducted a One day National Workshop on "Crystal Growth, Thin Films and Solar Cells" (WCTS - 2015) on 4th September 2015.

Dr.S.Pari, Head, Department of Physics welcomed the gathering. Dr.A.T.Ravichandran, Convener of WCTS-2015 introduced the theme of the Workshop. Dr.K.Anbarasu, Principal inaugurated the Workshop. Dr. M.Senthil Pandiyan, Research Scientist, SSN Research Center, SSN Institution, Chennai and Dr. K.Jeyadheepan, Associate Professor Research, Department of ECE, SASTRA University, Thanjavur delivered the Special Address.

First he explained the fundamentals of Crystal Growth, various methods of characterizing the grown crystals and their applications in the field of science and technology. In his second talk, he described the method of fabricating Solar Cells and discussed their applications in day-to-day life. He displayed many crystals grown by different methods and different types of solar cells. The participants interacted with the Resource Person and got their doubts clarified. Dr.S.Ravi, Associate Professor of Physics, delivered a Vote of thanks.



A separate session was arranged to visit the National College Instrumentation Facility to have hands on experience to know about sophisticated characterization instruments such as Scanning Electron Microscope with EDAX, Flow Cytometer, High Performance Liquid Chromatography, Gas Chromatography and Mass

Spectrometry, Atomic Absorption Spectroscopy, FT-Infra Red Spectroscopy, Fluorescence Spectroscopy, Micro Hardness Tester

Dr.K.Jeyadheepan, Associate Professor, Department of ECE, SASTRA University, Thanjavur described the various fabrication processes involved in Thin Film coating and its applications. He also explained the various software related to the studies of thin films.

Two-day State Level Workshop on LaTeX Typesetting Tool

"A Two-day State Level Workshop on LaTeX Typesetting Tool" was organized by the Department of Mathematics, on 14th and 15th of September 2015. Faculty members, Research Scholars and students from various Colleges and Universities participated in the program. Mr.K.Raja, Assistant Professor of Mathematics was the Resource Person for the Workshop. There were six technical and two practical sessions in which the participants learnt the following:

- * Typing complicated mathematical equations
- * Preparing the articles for journals
- * Preparing Thesis
- * Drawing and inserting Figures
- * Beamer class for presentations

Ms.V.Sangeetha & Mr.S.Arun, Assistant Professors of Mathematics were the Trainers for the practical sessions. Software and Study materials were given to all the participants. The Chief Guest **Dr.A.Mohamed Ismayil, Associate Professor of Mathematics, Jamal Mohamed College**, Trichy explained in detail, the use of LaTeX in



preparing Ph.D thesis, typing mathematical equation and symbols and in general to publish a book without mistakes. Dr.K.Anbarasu, Principal presided over the function. In his Address he motivated the participants to update themselves with the current developments in the field of information technology.

One Day Workshop on Research Skills

A One Day Workshop on "Research Skills" was organized on 19.09.2015 by Career Guidance and Placement Cell (CGPC) for the new Research Scholars who joined the M.Phil., programmes in various disciplines.

Prof. Dr.K.Kumarasamy, Professor& Head, Department of Geography and Chair School of Geosciences, Bharathidasan University, Tiruchirappalli inaugurated the Workshop and addressed the scholars. In his speech, he highlighted the importance of enhancing the research skills and importance of proper data generation and processing while doing research. Dr.K.Anbarasu, Principal of the College, presided over the function. He urged the scholars to fully utilize the faculty resources and research facilities available in the College and to continue the programme upto Ph.D. Level.



The Workshop sessions were handled by a team of Professors comprising Dr.R.Elavarasu, Associate Professor& Head, Dept. of English, Prof. K. Elango, Associate Professor, Dept. of Economics, Dr.N.Manickam, Associate Professor, Department of Tamil, Dr.V.Nandagopalan, Associate Professor in Botany & Dean of Science and Dr.P.Raghavan, Librarian. The training modules covered topics such as Data Collection and Statistical Tools, Style of Thesis Writing, Research Methods, Integrated Approach for Scientific Research and Library and e-Resources for research scholars. In the Valediction, Dr. R. Sundhararaman, Controller of Examinations of the College appreciated the active participation of the research scholars and urged them to make full use of the Government support like scholarships etc. He also distributed the participation certificates to the scholars. Earlier, Dr.T.V.Sundar, Associate Professor in Physics and Convener of the Workshop welcomed the gathering. Dr.D.Saravanan, Assistant Professor in Chemistry and Member CGPC proposed a vote of thanks. Full time and Part time scholars numbering about 130 participated in the workshop.

International Workshop on Computational Techniques for Wet Lab Data Analysis

The PG & Research Department of Biotechnology, of our college organized an International Workshop on "Computational Techniques for Wet Lab Data Analysis" from 22nd to 24th September, 2015. It was inaugurated by **Dr. K. M. Marimuthu, former Vice Chancellor, Bharathiar University**, Coimbatore. The former NASA scientist emphasized the need of such workshops for the Benefit of students and researchers and emphasized on



importance of focusing on finding solutions to research problems using an interdisciplinary approach. The gathering was welcomed by Dr. M. N. Abubacker, Convener and Head, Dept. of Biotechnology. Dr. K. Anbarasu, Principal delivered the presidential address expressing happiness over the conduct of an International workshop by Dept. of Biotechnology. The event concluded with a vote of thanks by Prof. S. Shantkriti, the Organizing Secretary of the workshop.

The three day workshop focused on equipping the participants with knowledge on handling various softwares in bioinformatics used for data analysis. Seventy students, research scholars and faculty members from sixteen colleges across. India participated in the workshop. International participants attended the workshop through Webinar. The technical sessions covered basic concepts of Bioinformatics like data retrieval from universal databases, GenBank website, followed by advanced levels of training in Homology modeling and molecular docking using various software and tools for analyzing biological data. The workshop concluded with the valedictory function and distribution of certificates to the participants on the final day.

Workshop on Android Applications Development

The PG Department of Computer Science, conducted a two day workshop on "Android Applications Development" on 29th and 30th September 2015. Dr.P.S.S.Akilashri, Head of the Department, welcomed the gathering. Dr.K.Anbarasu, Principal presided over the function. His inspiring speech focused on today's technology growth in the computer field and how to survive in this situation against unemployment. Dr.V.R. Mathiazhagan, Professor In-charge (UAP) felicitated the gathering and emphasised that students should equip themselves with computer knowledge and upgrade their knowledge of the emerging changes in technology.

Dr.E.George Dharma Prakash Raj, Assistant Professor, Bharathidasan University, Trichy, inaugurated the Workshop and delivered, a Lecture on "Android and its Automation Procedure." He explained the history of Android and its major releases Cupcake, Donut, KitKat, and Lollipop. He also explained the Android Application in Personal digital Assistants like Mobile Phones, Tablet computers. The Sessions were handled by **Mr. Mohammed Faiz Farooq, Design Engineer and Technical Associate, ARK Techno solutions, Bangalore.**

In the first Session he taught the Android architecture, Work Bench setup and UI Creation using XML. He also demonstrated how to develop the first Hello World application in Android.



In the second Session he explained "Activity in Android, Deploy Toast Application and to design logic screen and its properties". He also explained the Making SMS application and Android Manifest file.

The sessions of the next day of the Workshop were also handled by **Mr. Mohammed Faiz Farooq**. The third sessions was on "Installing Android Apps and Android devices and live testing, Connect the Android Apps to Internet, Implement broadcast the Apps using Web browser".

In the fourth and final Session **Mr.Mohammed Faiz Farooq** explained the Debugging concepts and Program on Debugging concepts". He also demonstrated the Games Applications.

After completing the last Session, he conducted a Competition based on the Workshop. He also instructed the students to participate in the Competition conducted by NADC (National Android Developer Challenge), India IIT Madras on Android application.

Dr.R.Sundhararaman, Controller of Examinations, delivered the Valedictory Address of the Competition. He distributed the Certificates to the Participants and Winners who are all eligible to participate the Grand Finale to be conducted by IIT Madras. The Winners were, Mr.M.Manikandan, II BCA "B", Mr.G.Shanmuganathan, II M.Sc. (CS), and Mr.V.Shiva Kumar, III B.Sc. (CS) "A". Ms.R.Rokini, III BCA'B' and Ms.K.Priya, II M.Sc. (CS) got the Certificate in the category of "Award of Appreciation."

The Staff Co-ordinators Dr.P.S.S. Akilashri, Head, Department of Computer Science and Prof.A. Umamageswari got the Certificate in the category of "Award of Excellence." A vote of thanks was given by Mr.G.Deva Pradeep Santiago, III BCA.

Association Meetings

Department of Bio-technology

2nd CME on Stem Cells and Tissue Engineering

The second Continuing Medical Education (CME) on "Stem Cells and Tissue Engineering" organized Jointly by

Mothercell Regenerative Centre and National College (Autonomous), Trichy. This educational activity is accredited by the Tamil Nadu Medical Council, Chennai. Interest in stem cell research, treatment and cord blood / bone marrow banking continues to grow. Prof. Dr. M.K. Muralidharan, Dean, KAPV, Medical College, Trichy was the Chief Guest for the Function. Dr. Thiru. R. Ramasubbu, Editor Incharge, Dinamalar, Trichy, Dr. M.S. Ashraf, IMA EC Member, TN Medical Council, Dr. S. Sethuraman, President, IMA and Dr. K. Anand, Managing Director, Maruti Hospital, Trichy were the Guests for the function. The aim of the conference was to benefit students, doctors & faculties of various departments of life sciences include the faculty of Medical colleges by understanding the history, science and clinical studies of stem cells in the treatment of various degenerative diseases in heart and kidney. It was also to create awareness about cord blood stem cells / bone marrow stem cell storage and its uses.



Dr. Aruna V Vanikar, Head, Dept. of Pathology, IKDRC-ITS, **Ahmedabad**, a pioneer in the field of Immunopathology & leader of the transplantation team of IKDRC, Ahmedabad, spoke about the development of HSC from Embryonic Stem Cells with Xenofree Medium.

Dr. SARANYA NARAYANAN, Jeevan Blood Bank and Research Centre, **Chennai**, delivered a lecture on clinical indications for cord blood transplant and potential regenerative medicine applications using cord blood / bone marrow stem cells.

Dr. S. Swaminathan who heads the CeNTAB lab of SASTRA University, Trichy, spoke about 5 different scaffolds for skin, Nerve, Bone, Cartilage, heart Muscle etc. In the fight against Diseases, Biotechnology and Nanotechnology are the weapons & Pioneers, mentioned Dr. Swaminathan.

Dr. Mahesh Kandaswamy, UGC-Asst. Professor, Dept. of Animal Science, Bharathidasan University, Trichy, has proved with painstaking animal models where and how the stem cells in Brain help in regeneration, though not like a liver or skin. Dr Mahesh briefed on his experience in the field of neurogenesis at Austria and the establishment of Huntington's Animal Model at Berlin.

Dr. Sankaranarayanan, Dental Surgen, KMC, Trichy, shared his experience on the treatment of alveolar

bone regeneration using dental pulp stem cells ,bone regeneration for implant and also the oral condition called osteoradionecrosis. His lecture brought into focus dental pulp stem cell and evidence in periodontal regeneration and in tissue engineering.

Quiz, Poster Presentations and Model Making competitions were conducted for the students of Life Sciences to bring awareness among the students and scholars in the academia. Prizes were distributed to the winner of various events at the end of the day. Dr. R.V.S. Surendran, IMA TN State President, Dr. R. Gunasekaran, Past President, IMA, Tamil Nadu, Dr. B. Sridhar, Secretary, IMA NHB, and Dr. S. Manivannan, Director, Kauvery Hospital, Trichy gave away the prizes. More than, 200 Doctors and 250 students attended the conference. Dr. S. Sankaranarayanan, Laser Surgeon, Kauvery Hospital, Trichy, presented the Vote of Thanks.

Botany Association

Botany Association Meeting was held on 14th October 2015. **Dr.C.Sasikumar, M.Sc., M.Phil., Ph.D., Associate Professor and Head, Department of Biotechnology, Nehru Memorial College** (Autonomous) Puthanampatti



delivered a Special Lecture on "Biofertilizers and its Applications" He explained the Advantages of Biofertilizers and its applications and the current developments in Biofertilizer practice. Nearly 85 students attended this Meeting. Earlier the Meeting was presided over by the Principal Dr.K.Anbarasu who gave the Presidential Address. Dr.K.V.Kannan Head, Department of Botany introduced the Chief Guest. M.Saranya, I PG Botany welcomed the gathering and P.Menaka, a final UG student proposed a vote of thanks. Dr.S.P.Anand, Vice-President of the Botany association organized this Meeting.

Department of Business Administration

The Department of Business Administration conducted their Inaugural Meeting of the Association on 17th July 2015. Dr.V.R.Mathiazhagan, Professor In-charge, Unaided section of our College presided over the Meeting. Dr.B.Sekar, Head, Department of Business Administration, welcomed the gathering.

Dr.I.Francis Gnanasekar, Vice-Principal and **Associate Professor of Commerce, St.Joseph's College**,

Trichy was the Chief Guest. He gave a speech on "Perceive, Visualize, Design, Develop our Digital India" and discussed



the vision of Digital India. He spoke on Infrastructure as a Utility to every citizen, Governance and Services on Demand, Digital Empowerment of Citizen. Miss. Anushkumariranjan, II B.B.A., delivered a vote of thanks.

The Department of Business Administration of our College conducted a Special Lecture on 12th August 2015. Dr.V.R.Mathiazhagan, Professor-In-charge, delivered the Presidential Address. Dr.B.Sekar, Head, Department of Business Administration welcomed the gathering. Dr.S.Nakkiran, Department of Co-operative Management and Accounting, Institute of Development Studies, AMBO University, Ethiopia was the Chief Guest. He delivered a speech on the topic "Challenges for Indian Business under Globalization".

He initiated his talk giving the details about the challenges faced by various countries to become globally empowered. He pointed out how various countries introduced recapitalization through effective currency control, cheap



labour, work ethics, disciplined democracy, 100 percent literacy rate, Banking revolution, increased working hours, effective import and export policies etc., Though India has indulged in all such developmental activities factors such as corruption, lack of work ethics, bureaucratic leadership etc., hinder the economic growth of India, he observed. Mr.P.Thiruselvam, II year B.B.A., proposed a vote of thanks.

Prof.R.Thirugnanasoundari, Association Vice-President organized the Programme.

The Department of Business Administration of our College arranged a Special Lecture on 26th August 2015. Dr.V.R.Mathiazhagan, Professor-In-charge of our College gave the Presidential Address. Dr.B.Sekar, Head, Department of Business Administration welcomed the gathering and introduced the Chief Guest.

Dr.CMA.T.K.Sridhar, M.Com.,MBA.,FCMA.,Ph.D, Head, Singar Academy, Trichy and Chennai and a resource person of Ministry of Corporate Affairs and ICSI was the Chief Guest. He gave a lecture on the "Intelligent Investor" and discussed the operations of the online share



market and conducted a game on share trading involving the students which enriched the knowledge of the students.

Department of Commerce

The Inaugural Meeting of the Commerce Association was held on 31st July 2015. **Dr.E.Ramganesh, Professor and Head, Department of Educational Technology and Director, Curriculum Development cell** delivered the Inaugural Address. He observed that the higher education system was good and students were well equipped in terms of content. But there were yawning gaps in employable skills he



observed. The students are not ready for jobs. But employers want the students to contribute to the growth of the organization from day one. Hence developing skills such as soft skills, team work skills, problem solving skills context mapping skills and life-long learning skills are crucial to make them suitable for employment. He emphasized that these skills can be acquired simultaneously along with education.

He urged the students to bring out the best in them by Constant efforts. Dr.R.Narayanasamy, Head of the department welcomed the gathering, Ms.Manjula, II M.Com., proposed a vote of thanks.

வணிகவியல் துறை பேரவைக்கூட்டம்

ഖഞ്ഞിക്കമിധ്രல് துறையின் பேரவைக்கூட்டம் 30.09.2015 அன்று நடைபெற்றது. **திரு.வி.மகாலிங்கம், உதவி பொது மேலாளர், UCO வங்கி**, (ஓய்வு) அவர்கள் சிறப்பு விருந்தினராக கலந்து கொண்டார். அவர் அஷ்டவதானம் என்னும் நினைவாற்றல் மிகுந்த நிகழ்ச்சியை மாணவர்களுக்கு நேரிடையாக செய்து காண்பித்தார். அவருடைய நினைவாற்றலும் மன உறுதியும் எல்லோரையும் வியக்கவைத்தது. அனைத்து மாணவ மாணவிகளும் அதைக் கண்டுகளித்து வியப்பில் ஆழ்ந்தனர்.

துறைத்தலைவர் முனைவர். நாராயணசாமி அவர்கள் வரவேற்புரை நல்கினார். மகாதேவன், இரண்டாமாண்டு முதுநிலை மாணவன் நிகழ்ச்சிகளை இளநிலை தொகுத்து வழங்கினார். சந்தோஷ், மூன்றாமாண்டு மாணவன் நன்றி நவின்றார். திருமதி வணிகவியல் முனைவர் ஷர்மிளா, பேரவை துணைத்தலைவர் நிகழ்ச்சிகளை ஒருங்கிணைத்தார்.



Department of Commerce (UAP)

The Association Meeting of the Department of Commerce (UAP), for the year was inaugurated on 13.08.2015. The Chief Guest **Prof.G.Balakrishnan,**Former Vice-Principal, St.Joseph's College (Autonomous), Tiruchirapalli delivered a speech on "The You in You." The speaker trained the students to speak in English in front of the people without inferiority complex. Prof.R.Jayaraman, Head of Department of Commerce



gave the Welcome Address. Dr.V.R.Mathiazhagan, Professor In-charge delivered the Presidential Address. Professor Dr.R.Ramachandran felicitated and the Dean of Arts Prof.P.Chandrasekar attended the function. Miss.S.Rubashree of II B.Com., (CA) proposed a vote of thanks.

The Association Meeting of the Department of Commerce (Unaided programme) was held on 18.09.2015. The Chief Guest **Dr.B.Balamurugan, Ph.D., Assistant Professor, PG and Research Department of Economics, Govt.Arts College** (Grade I), **Thiruvannamalai** delivered



an inspiring speech on the topic "Sweeping through Interviews" to the students. The speaker trained the students to face an interview with practical demonstration. Prof.R.Jayaraman, Head, Department of Commerce welcomed the gathering. Dr.V.R.Mathiazhagan, Professor In-Charge, of unaided section presided over the function. Dean of Arts Prof.P.Chandrasekar offered felicitations. Mr.B.Sundharshan of III B.com., proposed a vote of thanks.

Department of Computer Science

The Post Graduate Department of Computer Science of our College organized a lecture on "Learn and Earn through Creative Technologies" on 04.08.2015. Dr.P.S.S.Akilashri, Head, Department of Computer Science welcomed the gathering. Dr.V.R.Mathiazhagan, Professor In-Charge presided over the Meeting. **Mr.Sundaram, Corporate Advisor, Image Creative Technology** was the Chief Guest. He said that our day to day life was blended with



Technology. The Bachelor degree gives only the fundamental knowledge about the subject. If a student wants to excel himself, he should learn the Creative technologies like Graphic design, 3D Animation, Game Technology and

Virtual Reality he said. Further he added that these kinds of Technology help them to upgrade their creative skills and would tend to lift-up their career. There are plenty of jobs available, but the employers expect specialized knowledge. He concluded, by saying "learn the Course with ease and earn more". Ms.K.Shinny, II M.Sc., (CS) proposed a vote of thanks.

Department of Economics

The Inaugural function was held on 12.08.2015. Dr.D.Srinivasan, Associate Professor and Head of the Department welcomed the gathering. The function was presided over by Dr.K.Anbarasu, Principal. Prof.V.Kaleeswari introduced the Chief Guest Rev.Fr.Dr.S.Xavier Alphones, former Principal, Loyola College (College of Excellence) Chennai. The Chief Guest spoke on "Kalam's India", focusing on Kalam's Dreams. While speaking he pointed out that Kalam dreamt of a secular state, state with roots and a state with values. His 'Wings of Fire' has become a guide to millions of youth; Abdul Kalam considers that poverty is the enemy of our country. He concluded his speech by saying that Kalam



was a man of simplicity and he had much belief on the youth. Mr.E.Thangapandiyan of II M.A., Economics proposed a vote of thanks.

The English Literary Association

The English Literary Association activities for the current academic year began with a formal inaugural on the 18th of August 2015. **Dr. A. Mohamed Ali Jinnah, Associate Professor of English, Jamal Mohamed College, Tiruchirappalli,** gave the inaugural address. He spoke on the topic "Why Read?" He said, "Reading is nothing but habit formation. Initially one may find it difficult to read



for hours together. Once the habit is formed it is going to stay with the person lifelong. Students of literature have to regard themselves fortunate as reading is part of their curricular activity. But they have to decide what they want to read. One may read to gather knowledge or information or simply for the pleasure of it. If a person makes reading a favourite pastime it is going to pay rich dividends in the long run. Many great thinkers, scholars and scientists are voracious readers. Today the reader has the opportunity to read not only books but also e-books." He cited the example of the former President APJ Abdul Kalam who was just an ordinary boy from the small town of Rameswaram. His personal achievement was remarkable as he was an avid reader. He also told the students how to read poetry, fiction and drama not as a critic but as an aesthete. His speech was peppered with personal anecdotes and quotes which the students and staff thoroughly enjoyed. Earlier Dr. R. Elavarasu, the Head of the Department of English, welcomed the gathering and set the tone for the function by sharing his reading experience even on the train. The Principal, Dr. K. Anbarasu, in his presidential address told the students to become expert communicators. He further added that the college had been providing various opportunities to students to equip themselves to lead a decent life in future. The function was organized and conducted by the students under the guidance of Dr. D.E. Benet, the Vice-President of the English Literary Association.

Department of English (UAP)

A Special Lecture on "The Role of English in the Modern World" was arranged by the Department of English (UAP) of our college on 21.08.2015. **Dr.C.Issac Jebastine Professor and Head, Department of English** of **Bharathidasan University**, addressed on the Unifying Codes of English Language. He also highlighted the usage of



English in various fields. The English Language and its importance in the current scenario with reference to various situations have been discussed. The first edition of the Writer's Forum magazine was released. Dr.K.Anbarasu, Principal, presided over the function.

Literary Association

The English Literary Association (UAP) meeting was conducted on 07.10.2015. **Professor G.Ravindran Former Head, Department of English, St.Joseph's College, Trichy,** was the Chief Guest and spoke on "English for Employability." In his speech, Prof.Ravindran, stressed the

need for proficiency in English language to meet challenges of communication at the global level. Interacting with the students, he corrected some of their common errors. "The



learning of the English Language would make students successful", he added. Raja, III B.A English gave the Welcome Address. Dr.V.R.Mathiazhagan, Professor In-charge presided over the function. Dr. T.G Akila, Head, Department of English UAP proposed a vote of thanks. Prof. Ethina made the arrangements.

Department of Geology

Department of Geology and Physics jointly conducted a Youth Empowerment Lecture on 15th October 2015. Dr. V. Kumar, Head of the Department of Geology welcomed the gathering. Dr. A. T. Ravichandran, Convener of the program, introduced the Chief Guest. **Wg Cdr (Retd.) C.Palanivel (Career Consultant and Talent acquisition Strategist)** who delivered a Special Lecture on "Design Your Dreams".



He said, "If you don't build your dream, someone will hire you to help build theirs. Identify and pursue a career "sweet spot", that will make you a sought-after resource." C.Palanivel spoke on "Career Success". Staff members, Research Scholars and students were present. Dr. S.Pari, proposed a vote of thanks.

Department of Mathematics (UAP)

A Meeting of Mathematics Association (UAP) was held on 31.07.2015. **Dr.N.Sridharan, Retired Professor, Alagappa University, Karaikudi** was the Chief Guest and spoke on "Fractals". In his speech four problems were given for solution. He first introduced the fractals explaining that - Self built in symmetry is called fractals which can be seen

through the designs on the sky at sunset. He taught about the symmetry. The concept of fractals is used in the cine field to design the background and also to design the textiles. He



then taught the audience how to draw the borders and designs using the concept of fractals by interactive methods. He connected these fractals with metric space and also taught how to find the fixed point by tracing a particular image. One can find or reach a fixed point. If there is no integer dimension for a figure, then it is called fractals. Prof.I.Jenifer, presided over the function. Prof.K.Srividhya, Head of the Department welcomed the gathering. Miss.A.Geetha, II M.Sc., proposed a vote of thanks.

A Meeting of Mathematics Association (Unaided Program) was held on October 08, 2015. Prof K.Srividhya, Head of the department welcomed the gathering. Prof-incharge of the Unaided Programme Dr.V.R.Mathiazhagan delivered the Presidential Address. **Dr.V.Saavithri, Head and Assistant Professor, PG and Research Department of Mathematics, Nehru Memorial College**, Puthanampatti delivered a Lecture on "Radon Transform and Image Processing."



The speech mainly focused on the application of Radon Transform and Image Processing. Transform is a mathematical tool which allows us to move from one domain to another domain. Transforms do not change the information content present in the signal. Various types of transform were explained. The importance of digital images in daily life, research and technology was explained. She explained in detail how radon transform was applied in image processing, Satellite television, Magnetic Resonance Imaging (MRI),

Computer Tomography (CT), Geographical information systems and Astronomy and also she explained how to project 3D image into 2D image. She gave a live demonstration of how to transform a point or line to an image using MATLAB and also demonstrated how to change the resolution, colour and brightness of the images.

Finally J.Princy Dayana of I B.Sc., Mathematics proposed a vote of thanks.

உ.வே.சா. பேரவை கூட்டம்

24.07.2015 அன்று நமது கல்லூரியின் சுயநிதிப்பிரிவு தமிழ்த்துறை சார்பாக உ.வே.சா. தமிழ் பேரவை கூட்டம் நடைபெற்றது. தமிழ்த்துறை தலைவர் பேராசிரியர். முனைவர். இரா.மாணிக்கவாசகன் வரவேற்புரை நிகழ்த்தினார். சுயநிதிப்பிரிவின் பொறுப்பு பேராசிரியர் முனைவர். ஏ.சு.மதியழகன் தலைமை உரை நிகழ்த்தினார். மேலைச்சிவபுரி கணேசர் செந்தமிழ் கல்லூரியின் மேனாள் முதல்வர் தமிழாகரர் முனைவர். **பழ.(மத்தப்பன்** சிறப்பு விருந்தினராகக் கலந்து கொண்டு, நாகரீகத்திலிருந்து பிறழ்ந்து விடாத வாழ்வே மேலான இன்பம் என்று இலக்கியங்கள் சான்று



பகர்கின்றன என்ற பொருளில் "எது இன்பம்" ഞ്ന பொருண்மையில் சிறப்புரை வழங்கினார். தமிழ்ப் பேரவையின் துணைத் தலைவர் முனைவர். க.பவனேஸ்வரி நிகம்ச்சியை ஒருங்கிணைத்தார். துறை மாணவி கவிக்குயில் நன்றியுரை ഖഞ്ഞിക്കമിധ്വര് நிகழ்த்தினார். கணிதவியல் துறை மாணவர் தினேஷ் நிகழ்ச்சியைத் தொகுத்து வழங்கினார்.

Zoology Association

The Zoology Association of our College was inaugurated on 14th September 2015. **Dr, B. Padmanaban, Director-in-charge, ICAR- National Research Centre for Banana,** Tiruchy was the Chief Guest. He spoke on "Pests of Banana and their management". He talked about the ICAR branches and its activities. He stated that ICAR provides 15% of funds to its branches for crop production, protection, and disease management. He explained to the students about various job opportunities available in the ICAR, especially in the entomological filed. He highlighted the importance of entomological research and encouraged the students to take up research as their career. He told the students about the importance of learning taxonomy of insects while seeking a

job or fellowship in a project. One should know about the mouth parts of pests, insects which is essential for choosing proper chemicals to be used, he advised. He explained about the common pests of bananas, symptoms and the control



measures and specifically about Beauvericide a pesticide isolated from endo pathetic fungus for bio-control of banana weevil by NRCB. Longitudinal split banana stem trap has been used as eco-friendly methods to control the banana weevil. He also explained the viral and nematode diseases, symptoms, and then control measures. Likewise, rust thrips can be managed by various methods such as bunch sleeving, soil application of Phorate, and bud injection, he said. Electroantennogram was used to develop the eco-friendly pest control chemical. He stated the operation methods and the uses of GC-MS in the identification of chemicals which are attractive or repellent to the pest of bananas. Also, he explained the volatile collection of Pheromone trap by airentrainment method.

International Admissions Office

SSB-Shrine of overseas Learning has established an International Services (IAS) Office at National College, Trichy. The Center was inaugurated by the College Secretary Shri.K.Raghunathan. Principal, Controller of Examinations, Dean of Arts and Science faculty and **Mr.Stanley Isaac, Director and staff of SSB-SOL** were also present during the inauguration.



The Center will co-ordinate visits to foreign Universities and admissions of students within our College and from other Colleges across various disciplines and regions. The Center has been established to cater to the

needs of students from all disciplines (Bachelor, Masters and Doctoral) to pursue their education abroad around the world in over 160 Universities in 60 Countries.

Regular Lecture Programs are to be conducted in the Campus wherein faculty from various disciplines such as Arts, Science, Engineering and Humanities from reputed institutes around the globe will address students at our campus through this Centre. During such visits, apart from lecture programs for students, admissions for respective international institutes will also be conducted.

The Centre will be open throughout the year on all the working days for students to walk-in for counseling which is offered free of cost. Students and parents may find out prospective institutes and respective scholarships awarded to the selected candidates through this Counseling Program. Besides, providing opportunities for the students to undergo studies abroad, several students-exchange programs and staff-exchange programs are to be rolled out for the benefit of the partner institutions through this SSB-SOL centre at National College. Faculty and students from various disciplines in the campus will be visiting international institutions for several study and research programs. Similarly, our College is expected to host similar visits to students and staff from Institutes abroad to undergo relevant studies and part of research as it may be planned as per the mutual needs and benefits.

Through the Centre, students within the district of Trichy, and around the state of Tamil Nadu, will find quality education through attractive scholarships at affordable cost. Faculty and students of National College gathered for the inaugural function.

Orientation Programme

The General Library of our College conducted an Orientation Programme for the freshers on 19th August 2015 to initiate them into the habit of reading and familiarize them with the art of using library resources effectively.

Dr.K.Anbarasu, Principal highlighted the subtle pleasure of reading. He advised the students to develop the habit of reading which sharpened the intellect and enriched the soul. Students should widen their reading interest beyond the subjects and syllabus to cover literature, philosophy and history.

Dr.P.Raghavan, Librarian observed that adolescence was the most crucial period in one's life and it was the right time to form the right habits which would propel the students to higher planes. He noted that National College with a long history of nearly a century boasts of a marvelous wealth of books on a variety of subjects. He explained the easy accessibility to various learning resources including the thousands of books and journals on the subjects as well as for competitive examinations the free browsing facility, availability of online journals and news papers and general news magazines.

Shri.K.Raghunathan, Secretary of the college noted that the Management is keen on upgrading the facilities and



subscribing to more journals and books for the library. The modern facilities in a pleasant ambience would make reading a wonderful experience to the students and staff. Prof.M. Asha proposed a vote of thanks.

Book Release Function

A Function was held on 14.10.2015 to release the book titled "மக்களின் குடியரசுத் தலைவர் முனைவர்.A.P.J. அப்துல்கலாம் உரைகளும் நிகழ்வுகளும்". Driven by the desire to cherish the memory of the people's President and ensure the wide reach of his powerful message to the youth, three College Librarians have brought out the book. The book was authored by **Dr.M.Dorairajan, Dr.P.Raghavan, our Librarian and Dr.R.Jayapal.**

Dr.P.Raghavan, one of the authors and Librarian of



our College welcomed the gathering. He explained in an interesting manner, the specialty of the book and the efforts of the authors in writing the book. The Principal of the College, Dr.K.Anbarasu presided over the function. He recalled the achievements of the Missile Man. He noted how Dr.Kalam, from a small town in the corner of the nation, not constrained by the humble background, rose to dizzy heights of services and glory. His simplicity and humility made him the people's President. The Principal showered praise on the authors for their effort to spread the message of Dr. Kalam

Shri.K.Raghunathan, Secretary of the College released the book. The first copy was received by Dr.S.Srinivasa Raghavan, Librarian, Bharathidasan University. He observed that the superior power of inspiration of Dr.Kalam was evident from the fact that he had transformed the librarians, who were just custodians of books into creators of books. Dr.S.Eswaran, Head, Department of

Tamil reviewed the book and said that the book, presented in a racy style, was a pleasure to read and reflect. Dr.Muthuramakrishnan, Syndicate Member, Bharathidasan University and Dr.Elavarasu, Head, Department of English offered felicitations.

Dr.M.Dorairajan, Librarian, St.Joseph's College and one of the authors, explained how the authors were motivated to write the book. Dr.R.Jayapal, Librarian, proposed a vote of thanks.

Core Group Meetings

இந்தியா 2020 **Dr.A.P.J**.அப்துல்கலாம்

நமது கல்லூரியில் 10.08.2015 அன்று திரு.வெ.ரா.மதியழகன், பொருளியல் துறை உதவிப் பேராசிரியர் Core Group மாணவர்களிடையே சிறப்புரையாற்றினார். அவர் தம் உரையில் கூறியதாவது:

"பிணியின்மை செல்வம் விளைவின்பம் ஏமம்

அணியென்ப நாட்டிற்கு இவ்வைந்து" என்ற வான்புகழ் வள்ளுவரின் வரிகளே "இந்தியா 2020" படைக்கப்பட்டதற்கு அடிப்படை உந்துதலாக இருந்தது எனலாம். நோயில்லாதிருத்தல், செல்வம், விளைபொருள் வளம், இன்ப வாழ்வு, நல்ல காவல் ஆகிய ஐந்துமே ஒரு நாட்டிற்கு அழகு சேர்ப்பவை ஆகும். "ஆறாத சோறு, ஒழுகாத கிழியாத அடை, ഖ്റ്ര" இவை மூன்றும் எப்பொழுது ஒவ்வொரு இந்தியனுக்கும் முழுமையாகக் கிடைக்கிறதோ அன்றைக்குத்தான் இந்தியா (Ф(Ф சுதந்திரம் பெற்ற நாடாக முடியும் என்றார் காமராசர்.

இந்த நிலையை அடைவதற்கு ஒவ்வொருவருக்கும் "கல்வி" உறுதி செய்யப்பட வேண்டும். விவேகானந்தர் குறிப்பிடுவது போல "ஏழைகள் கல்விக் கூடம் நோக்கிச் செல்லாவிட்டால், கல்விக் கூடங்கள் ஏழைகளின் குடிசை நோக்கிக் கொண்டு செல்ல வேண்டும். இந்தியாவில் சாமானியர்கள் செலுத்தும் வரிப்பணத்திலிருந்து இந்திய கார்பரேட்டுகளின் 1.61 லட்சம் கோடி கடன்களை அரசு தள்ளுபடி செய்கிறது. இது இந்தியாவின் மொத்த GDP-வைத்து இந்தியாவில் யில் 1.27% ஆகும். இதனை உள்ள ஏழைக் குடும்பங்களைச் சேர்ந்த 15 இலட்சம் மாணவர்களுக்கு ഖത്വ பட்டப்படிப்பு இலவசமாகக் கொடுக்க முடியும்.

அதிகரித்து வரும் மக்கள் தொகைக்கு ஏந்ப செய்வதற்காக உணவுத் தேவைகளை FF(F) வேளாண்மையை ஊக்கப்படுத்த வேண்டும். அதே வீணாவதைத் நேரத்தில் உணவுப் பொருள்கள் தடுப் பதற் காக பொருள் களைப் உணவுப் பதப்படுத்துவதை மேம்படுத்த வேண்டும். ஏனெனில் இந்தியாவில் தினந்தோறும் 23 கோடி பேர் பசியோடு உறங்கப் போகிறார்கள். இது தவிர அண்டை நாடுகளின் சமாளிப்பதற்காக அச்சுறுத்தல்களைச் பாதுகாப்புத் தளவாட உந்பத்தியில் நவீனங்களைப் புகுத்த வேண்டும். மேலும் மக்களிடம் தேச உணர்வினை வளர்க்க ஒருங்கிணைக்க வேண்டும். அனைவரையும் "கிராமங்களே இந்தியாவின் முதுகெலும்பு" என்ற காந்தியடிகளின் அண்ணல் கூற்றை உணர்ந்து கிராமங்களை மேம்படுத்த வேண்டும். கடலில் கலந்துவீணாகும் தண்ணீரை வீணாக்காமல் நதிநீர்

இணைப்பை முறைப்படுத்தி மக்களின் மனங்களையும் இணைக்க வேண்டும். அப்பொழுதுதான் ഖബഗ്നത്, ഖலിഥെധ്നത இந்தியாவை உருவாக்க முடியும். பொருளியல் ച്ചന്ദെ முன்றாமாண்டு மாணவி செல் வி. அனிதா நன் நியுரை வழங்கினார்.

Modes of Preservation

On 21.09.2015 a Core Group Meeting was held on the topic "Fossils-Modes of Preservation and Uses." The following points were explained and discussed in the Meeting:

The term 'fossil' can be defined as remains of organisms, both plants and animals, which have been preserved within the sedimentary rock-beds, under favourable geologic conditions. The organisms, preserved as fossils, must be geologically ancient. The geologic conditions favourable for preservation of remains of plants and animals are the presence of hard parts in organisms and their quick coverage by sediments after the death. Fossils of distinct types are recognized on the basis of their mode of preservation. Some of the important modes of preservation of remains of plants and animals are:

- (a) Preservation of the whole of the organism including its soft parts.
- (b) Preservation of only the skeleton of the organisms:
- (c) Petrifaction of the hard parts: The term 'Petrifaction' implies conversion of the remains of plants and animals into rock.
- (d) Carbonisation: This process is restricted to the organisms possessing chitinous exoskeleton.
- (e) Moulds of the hard parts: The hard parts preserved within sediments, may be totally removed in solution. As a result, hollows are formed within the rocks. These are known as moulds.
- (f) Casts: When the moulds are filled up with mineral matter, these give rise to what may be described as casts. Casts retain only the external form of the hard parts.

The Important uses of Fossils:

- (A) In understanding the evolution and migration of plants and animals through ages.
- (b) In establishing the geological age of rock-beds and their correct order of succession in an area.
 - (C) In correlating rock-beds of different areas
 - (D) In reconstructing the ancient geography (Palaeogeography)

In forming as economically feasible deposits like Shell Lime Stone (used in cement factory)

Microbes That Manipulated The History Of Mankind

A Core Group Meeting was conducted on 09.10.2015. **Dr.Senthil Kumar, Associate Professor of Biotechnology, National College,** was the Chief Guest and spoke on "Microbes That Manipulated the History of Mankind." Being on the top of the food chain, humans dominate this planet Earth with the capacity to control any other species found here. In spite of being the late entrants in

the evolutionary scene humans make history and write the fate of this planet. There are many theories accepted universally on reasons why humans became the dominant species on Earth.

However, the Chief Guest presented more information on how the world's tiniest species, the 'Microbes' influenced and manipulated the history of world's mightiest species, the 'Humans'. He said that political revolutionaries have turned the world upside down, whereas scientific ones very often turned it inside out. Microbes deserve a place in the history books, alongside kings, generals and heroes. They determined the outcome of war before it started, wiped out entire cultures and populations of people, left imprints on everything from economics, medicine, literature and virtually all aspects of human society.

He narrated how the potato blight caused by a fungus in 19th century changed the histories of both Ireland and the United States to which victims of the famine emigrated. Microbes were there to aid adversaries in bringing about the fall of the great Greek and Roman empires. At the outbreak of World War I, when England was separated from its European source of acetone (needed for the navy's supply of cordite), British citizens had to make do with less gin, but acetone was available, thanks to the growth of Clostridium acetobutylicum in those fermentation vessels, he added.

In 701 B.C., Jerusalem was an intended target for the Assyrian army, led by King Sennacherib. Advanced in warfare, possessing weapons such as battering rams and mines, the Assyrian army had conquered almost all of the Near East including the take down of 46 walled cities in the Kingdom of Judah. During the siege on Jerusalem the Assyrian soldiers started dying from an unknown lethal illness. Mortality of the army was likely due to the ingestion of pathogens that exposed them to widespread fatal infections most likely from contaminated drinking water. Had Jerusalem fallen in 701 B.C., the two daughter religions, Christianity and Islam, may never have existed. A microbe thwarted the designs and success of, at the time, the largest and the mightiest nation, the Assyrian Empire and affected the religious history of the world. This is how Christianity, Judaism, and Islam were saved, he concluded.

Competitions

DAE Diamond Jubilee Celebrations State Level Inter Collegiate Quiz Competition-2015

To commemorate the Diamond Jubilee Celebrations (1954-2014), of the Department of Atomic Energy's (DAE) Indira Gandhi Centre for Atomic Research (IGCAR), Kalpakkam and Indian Nuclear Society (INS), Kalpakkam Branch organized a State Level Inter Collegiate Quiz competition in Tamil Nadu. The major focus of the event was to create general awareness on nuclear science and technology, its benefits, various applications in society and also on research and career prospects. The competition for Zone 3 comprising of the districts of Tiruchirappalli,

Thanjavur, Perambalur and Ariyalur was organized in our college on 14th and 15th of July 2015. Students from almost 20 colleges participated in the Competition.

Dr.A.T.Ravichandran, Associate Professor of Physics and Convener of the Programme, welcomed the gathering. Dr.R.Srinivasan, Principal-In-charge delivered the Presidential Address. Mrs.Jalaja Madhan Mohan, Head TC&PAS, IGCAR, Kalpakkam gave the Inaugural Address and explained the objective of the Programme. Shri.S.Chandrasekaran, RSD, IGCAR, Kalpakkam, Dr.N.SuriyaMurthy, Bhavini, Kalpakkam offered felicitations. Dr.S.Ravi, Associate Professor of Physics, delivered a vote of thanks.



Dr.N.SuriyaMurthy, Bhavini, Kalpakkam, conducted the Quiz Competition for the PG students. More than 150 students from various colleges participated in the preliminary written test. Twelve teams were selected for the semi-final round and from that six teams were selected for the final round. St.Joseph's College, Trichy, won the First prize. A.V.V.M Sri Pushpam College, Tanjore won the Second prize and Jamal Mohammed College, Trichy, won the third prize.

Shri.S.Chandrasekaran and Dr.Sarangapani of RSD, IGCAR, Kalpakkam conducted the Quiz Competition for the UG students on 15th July 2015. More than 180 students from various colleges participated. The Quiz Competition was held in three stages- preliminary, semi-final and final. Bishop Heber College, Trichy, won the First and the Second prizes. Our College, won the third prize, among Under-Graduate students category.

The Winners in each category were awarded with cash prize of Rs.3000, the Runners with a cash prize of Rs.1500 and Rs.1000 cash Award for the third prize. The top three teams from UG category were qualified for the state level semifinals/final at Chennai along with the selected students from the other zones.

An Exhibition was also conducted by the DAE for the students. More than 30 posters explaining the nuclear reactions and safety precautions and a working model of a nuclear reactor were exhibited. Mrs.Jalaja Madhan Mohan, Mr.Kumar, Mr.Mohan,IGCAR, Kalpakkam demonstrated the working model and explained the posters on display. They also explained the research and employment opportunities in IGCAR.

The Valedictory Function was held on 15.7.2015. Dr.S.Pari, Head, Department of Physics welcomed the gathering, and Dr.K.Anbarasu, Principal delivered the Presidential Address. Mrs.Jalaja Madhan Mohan, Head TC&PAS, IGCAR, Kalpakkam delivered the Valedictory Address and distributed the prizes to the winners and Dr.A.T.Ravichandran, Associate Professor of Physics delivered a vote of thanks.

Elocution contest

An Intra-department Elocution contest was conducted on 27th of August by the Department of English. Seven topics based on the efficacy of literature and about the prominent people, political leaders, sports personalities and freedom fighters were given to the students. The time duration for their presentation was five minutes. Nearly twenty five students spoke enthusiastically on different topics. Dr.Gururaj, Head, Department of Humanities, NIT, Trichy and Dr.Suresh Frederick, Associate Professor, Department of English, Bishop Heber College were the judges. K.Stalin Prabu of I M.A., English won the first place. P.Logesh of II B.A., English took the second place and S.Shantha Kumari of II M.A., English secured the third place. The judges presented their views on the performance of the students. Dr.V.Sekhar, Associate Professor, Department of



English, Co-ordinator of the National Theatres welcomed the gathering. Dr.R.Elavarasu, Head, Department of English proposed a vote of thanks.

இந்திய ஆயுள் காப்பீட்டு நிறுவனம் தமிழ்ப் பேச்சுப்போட்டி

இந்திய ஆயுள் காப்பீட்டு நிறுவனம் அறுபதாம் ஆண்டின் துவக்க விழாவினையொட்டி நம் கல்லூரி மாணவர் களிடையே தமிழ்ப் பேச் சுப் போட்டி நடைபெற்றது. "ஆயுள் காப்பீடு சேமிப்பா? அல்லது பாதுகாப்பா?" எனும் தலைப்பில் இருபதுக்கும் மேற்பட்ட மாணவர்கள் கலந்துகொண்டனர். 04.09.2015 அன்று நடைபெற்ற இப்பேச்சுப்போட்டிக்கு திரு...சுவாமிநாதன் **கிளைமேலாளர், கண்டோன்மென்ட் கிளை** அவர்களும், திரு.ஏ.ஸ்ரீனிவாசன் நிர்வாக அலுவலர் அவர்களும், முனைவர். சா.நீலகண்டன் உதவிப் பேராசிரியர் தமிழாய்வு<u>த்த</u>ுரை தேசியக் கல்லூரி அவர்களும் நடுவர்களாக பொறுப்பேற்று சிறப்பித்தனர்.



எஸ்.ஜோதிமணி III பி.சி.ஏ., முதற்பரிசும், ஆர்.ஜெயலட்சுமி II எம்.எஸ்.சி. இரண்டாம் பரிசும், கே.பெரியசாமி II எம்.எஸ்.சி மூன்றாம் பரிசும் பெற்றனர்.

இவ்விழாவிற்கான அனைத்து ஏற்பாடுகளையும் தமிழ்த்துறை உதவிப்பேராசிரியர், முனைவர். சா.நீலகண்டன் செய்திருந்தார்.

National Theatres - Drama Competition

An Intra-Departmental Drama Competition was held on 23rd September 2015. Five teams participated in the Competition and gave their extraordinary performances. Scenes from Shakespeare's Romeo and Juliet, Macbeth, Winter's Tale, Merchant of Venice and Othello were enacted by the students. **Dr.G.Raveendran, Former Head, Department of English, St.Joseph's College** and **Prof.Meghala of Srimath Andavan College**, were the judges for the Competition. II B.A., Students, who enacted



'The Merchant of Venice' secured the first place, II M.A., students won the second place. They enacted a scene from 'Macbeth'. I B.A., student bagged the third prize for enacting a scene from 'Othello' Dr.R.Elavarasu, Head, Department of English welcomed the gathering. Dr.V.Sekar, Co-ordinator of National Theatres proposed a Vote of thanks.

கண்காணிப்பு விழிப்புணர்வு வார விழா தமிழ்ப் பேச்சுப்போட்டி

கண்காணிப்பு விழிப்புணர்வு வாரவிழாவை முன்னிட்டு பாரத மிகுமின் நிறுவனம் தமிழ்ப் பேச்சுப்போட்டி நடத்தியது. 12.10.2015 அன்று நடைபெற்ற இப்போட்டியில் இருபதுக்கு மேற்பட்ட மாணவர்கள் கலந்து கொண்டனர்.

- * ஊழலை ஒழிப்பதில் இளைஞர்களின் பங்கு
- * ஊழலும் அதன் தீய விளைவுகளும்
- * ஊழலற்ற சமுதாயம் தனிமனித ஒழுக்கம் முற்றும் நேர்மையின் முக்கியத்துவம்

தமிழ்த்துறைப் பேராசிரியர்கள் முனைவர். ந.மாணிக்கம், ஆகியோர் நடுவர்களாக இருந்து சிறப்பித்தனர்.

கோபிநாத் III B.A., தமிழ் முதற்பரிசு, மு.பெரியசாமி II M.Sc., வேதியியல் இரண்டாம் பரிசு, மு.சத்யா II M.A., தமிழ் நான்காம் பரிசு, தமிழ்வாணன் I B.Sc., வேதியியல் ஐந்தாம் பரிசு பெற்றனர்.



பாரத மிகுமின் நிறுவன மணிதவள மேலாளர் திரு.ஜெய்குமரன் அவர்களும், இவ்விழாவிற்கு வருகை தந்து சிறப்பித்தனர். இவ் விழாவிற் கான அனைத்து ஏற்பாடுகளையும் தமிழ்த்துறை உதவிப்போசிரியர், முனைவர். சா.நீலகண்டன் செய்திருந்தார்.

Speaker's Forum

Department of English of our College, inaugurated the "Speaker's Forum" on 19.10.2015. Prof.G.Balakrishnan, Former Vice-Principal, St. Joseph's College, Trichy was the Chief Guest of the inaugural function. Mr.Jerome of I M.A English welcomed the gathering. Dr.K.Anbarasu, Principal, National College delivered the Presidential Address. While speaking, Dr.K.Anbarasu stressed the importance of communicative skills.



Dr.R.Soundararajan, Co-ordinator explained the purpose of the Forum and stated that public relations is a strategic communication process that build mutually beneficial relationships between organizations and the public. Several student participants spoke on the given topic

"Developed India on 2020: Dream or Reality." Dr.G.Balakrishnan, in his Inaugural Address listed the skills of public speaking. Ms.Banu of I M.A English proposed a vote of thanks.

ஆசிரியர் தினவிழா

கல்லூரியில் 07.09.2015 அன்று ஆசிரியர் தினவிழா கொண்டாடப்பட்டது. விழாவிற்குத் தலைமையேற்ற கல் லூரி முதல் வர் முனைவர்.கு.அன்பரசு அனைவரையும் வந்திருந்த வரவேற்றார். மேலும் அவர் பேசுகையில் சிறப்பு விருந்தினர்கள் பேராசிரியர் நாகராஜன் மற்றும் பேராசிரியர் ரெங்கநாதன் இருவரும் தமக்கு ஆசிரியர்களாக இருந்ததனை நினைவு கூர்ந்து பாராட்டினார். தமது திருமணத்திற்குப் பேராசிரியர். நாகராஜன் அவர் கள் வாழ்த்துப்பா இயற்றி வழங்கியதையும் பெருமையோடு குறிப்பிட்டார்.



தமிழ்த்துறைத்தலைவர் பேராசிரியர். ஈஸ்வரன் சிறப்பு விருந்தினர் பேராசிரியர். நாகராஜன் அவர்களை அறிமுகப்படுத்தி பேசும்போது 35 ஆண்டுகாலம் இக்கல்லூரியில் பணியாற்றிய நாகராஜன் அவர்களின் உயர்குணங்கள், சிறப்புக்களை எடுத்துரைத்தார். சிறப்புரையாற்றிய முன்னைத் தமிழ்த்துறைத்தலைவரும் முதல்வருமான பேராசிரியர் துணை நாகராஜன் ஆசிரியர்களின் பல இயல்புகளை நகைச்சுவையுடன் குறிப்பிட்டார். முந்தைய நாட்களில் ஆசிரியர் வழியைப் பின்பற்றி மாணவர்கள் செல்லும் நிலை இருந்தது. ஆனால் இன்று அறிவியல் வளர்ச்சியும் கால மாற்றமும் ஆசிரியரும் மாணவரும் சமமாகத் தொடர்வண்டிப்பாதை செல்லவேண்டியுள்ளது என்றார். கல்லூரியின் அபரிமிதமான வளர்ச்சிளைப் பாராட்டி வாழ்த்தினார். இதற்குக் காரணமான கல்லூரிச் செயலரையும் கல்லூரி முதல்வரையும் பாராட்டினார்.

தாய் தந்தைக்குப்பின் குரு எனப்படும் ஆசிரியரை மதிக்க நம்முன்னோர் அறிவுறுத்தியதன் காரணத்தை எடுத் துரை த் தார் . திருக் குறள் , உப நிட த மேற்கோள்களைச் சுட்டி ஆசிரியரின் பெருமைகளையும் கடமைகளையும் உணர்த்தினார். ஆசிரியர் என்பவர் கற்றுக்கொண்டே இருக்க வேண்டியதால் அவர்களும் மாணவர்களே என்றார்.

முாணவர்களின் தகுதியும் தேவையும் அறிந்து செயல்படுபவரே சிறந்த ஆசிரியர் என்ற பெயர்பெற முடியும். மேலும் தாம் முதலில் குற்றமில்லாமல் கற்றுத் தெளிந்த பின்னரே அதனை மாணவர்களுக்கு எடுத்துணர்த்த வேண்டும் என்றார்.



இயந்பியல் துறைத்தலைவர் முனைவர். சிறப்பு விருந்தினர் பேராசிரியர். ரெங்கநாதன் அவர்களின் இயல் புகள், அவர் ஏற் ந பொறுப்புக்கள், நல்லாசிரியப்பணி ஆகியவந்நைச் சுட்டி அவைக்கு அநிமுகப்படுத்தினார். சிறப்புரையாற்றிய பேராசிரியர். ரெங்கநாதன் அவர்கள் தம்முடைய ஆசிரியர்களை நினைவு கூர்ந்தார். மேலும் தம்முடைய மாணவர்கள் ஆசிரியர்களாக இன்று இருப்பதையும் சுட்டி மாணவர்களை ஊக்குவித்தார். கடின உழைப்பும், விடாமுயற்சியும், எடுத்த செயலை முடிக்க வேண்டும் என்ற உறுதியுமே இயற்பியல் துறையில் தாம் கற்றதும், க<u>ந்</u>பித்ததும் எனப் பெருமையுடன் குறிப்பிட்டார். இயற்பியல் துறை இன்றுள்ள நிலைக்கும் தமது கால வேறுபாட்டினையும் நிலைக்குமுள்ள சுட்டி இவ்வளர் ச் சியினைப் பயன்படுத்தி முன்னேற வாழ்த்தினார்.

நிகழ்ச்சியைத் தொகுத்தளித்த தமிழ்த்துறைப் பேராசிரியர். இரா.சபாபதி தமது ஆசானை அழைத்துச் சிறப்பித்த கல்லூரிச் செயலருக்கும் கல்லூரி முதல் வருக்கும் நெஞ்சார்ந்த நன்றியினைத் தெரிவித்ததோடு முறையான நன்றியுரை வழங்கினார்.

NCC

Free Eye Check up Camp

The 3 (TN) Air SQN (TECH) NCC Flight of our College in collaboration with Mahatma Eye Care Hospital, Tiruchirapalli conducted a Free Eye Check Up Camp on 14.07.2015 at the College. The inauguration of the camp was presided over by Dr.K.Anbarasu, Principal. He exhorted the NCC unit to



undertake such socially beneficial programmes on a large scale

Wg Cdr Alex Mathew, Commanding Officer, 3 (TN) Air Sqn (Tech) NCC, Tiruchirapalli inaugurated the Camp. He appreciated the involvement and dedication of the NCC cadets in pursuit of such social causes. He advised the Cadets to spread their efforts to cover rural areas so that the poor can also be benefited. He praised the Mahatma Eye Care Hospital, Tiruchirapalli for their active co-operation and commitment. Flight Lieutenant Dr.R.Sundhararaman, welcomed the gathering. Flight Cadet Sahanadevi proposed a vote of thanks. Nearly 500 students, Members of Staff and NCC personnel underwent eye check up.

Anti Tobacco Rally

A Special Rally to create awareness of the evil effects of tobacco was organized by Flight B II, 3 (TN) AIR SQN (Tech) NCC Unit of our college on 11.08.2015. The Rally started from the College Campus at 10.30 a.m. Leading Flight Cadet Mr.Dhineshbabu read out a pledge against the use of tobacco in any form. Dr.K.Anbarasu, Principal flagged off the



Rally. He spoke about the noxious effects of nicotine and other tobacco components eloquently and advised the students to say a firm "No" to Tobacco. He appreciated the students for their commitment to public interest and community development. He directed the students to pursue their anti-tobacco efforts vigorously on a continuous basis.

The Rally led by the College Flight Commander and Controller of Examinations Flight Lieutenant Dr.R.Sundhararaman, proceeded from the College via Milaguparai, N.Gopaldass Diamond Mart, District Collector's Office, Sangam Hotel, Major Saravanan Circle, Vestry Anglo-Indian Higher Secondary School and back to the College in the same route. 70 NCC (Air wing) Cadets participated in the Rally and raised slogans against the use of Tobacco. They carried placards containing slogans for creation of awareness as well as the evils of Tobacco. They distributed pamphlets highlighting the dangers of Tobacco use.

Blood Donation Camp

A Blood Donation Camp was organized by NCC Army wing in coordination with Mahatma Gandhi Memorial Govt. Hospital, Trichy on 24-08-2015. 150 Cadets and students

donated their blood. **Major. S. Palanivelu, Deputy Chief Security Officer DGM, Bharat Heavy Electricals Limited (BHEL)**, Trichy inaugurated the Camp and spoke on the importance of Blood Donation. Dr.K.Anbarasu, Principal, National College, presided over the Blood Donation Camp.



Company Commander of NCC Army wing Lt. Dr.K.Ramar delivered the welcome address. Army wing Senior under - officer S.Dhanapal proposed a vote of thanks.

Free blood grouping camp

The NCC (Airwing) of our College conducted the Blood Grouping Camp on 25.08.2015. Dr.K.Anbarasu, Principal, presided over the Camp. He congratulated the NCC (Airwing) Unit of the College for taking up the project which has immense social benefit. He encouraged them to do more such socially beneficial works. **Dr.N.Balasubramanian, Former Dean, K.A.P. Government College**, Tiruchirapalli and Medical Superintendent, SRM Group, Chennai Medical College Hospital and Research Centre, Irungalur, inaugurated the Camp. He highlighted the importance of blood grouping and blood donation. According to him, blood grouping and donation often determines life or death. Earlier, Flight



Commander and Controller of Examinations Flt.Lt.Dr.R.Sundhararaman welcomed the gathering. Members of the staff from various departments, students Cadets, Air Force Officers and others attended the function. Nearly 500 students were benefited by the Camp as it helped them to identify their blood group. From 2008 onwards a Blood Donor Directory has been regularly released each year. This year also it has been proposed to bring out a Directory and the first step is to identify the blood group. Flight Cadet

Ms. Yamini, II B.Sc., Geology proposed a vote of thanks and Flight Cadet Mr. Logesh compeered the Programme.

Junior JCI Wing

Junior Jaycee Wing organized a One Day Training Programme on 15.10.2015. The Welcome Address was delivered by Jc.V.V.Kumaran President Junior Jaycee Wing. The Inaugural Address was given by Dr.K.Anbarasu, Principal. During his speech he stated that students should develop not only the academic skill but also take part in co-curricular activities like NSS, NCC, Sports and Club activity. Without these opportunities one will never survive in this competitive world. He added that JCI develops the leadership quality which one must utilize.

The Training section was handled by Trainer **Vijayamithra**. He said that one must live in this world of society like "ASK". The main task is ASK (A-Attitude, S-Skill, K-Knowledge). Dr.V.R.Mathiazhagan, Professor In-charge spoke on "Time Management". He explained how the



students were wasting their valuable time and how they should utilize their spare time.

In his Valedictory Address, the Chief Guest **Dr.V.Shri Ramachandran** described the JCI creed. Junior Jaycee secretary Dev Pradeep proposed a vote of thanks.

Rotaract club

The Rotaract Club of our College had their Installation Function on 28th August, 2015. Rtr.M.Prabhakaran, welcomed the gathering. Presidential Address was delivered by Rtn.K.Raghunathan, Secretary of our College. The annual report of previous year was presented by Rtr.R.Vignesh Ram. The Chief Guest was **Rtn.PDG.G.Gopal Past Dist. Governor RI.3000 Pudukottai** District. The Chief Guest delivered a thought provoking speech on how to improve



oneself and stated that a Rotaractor is not meant to help others but to motivate and develop oneself to become a good leader. He also narrated inspirational stories to capture the attention of students.

The New Office Bearers were installed by the Chief Guest Rtn.PDG.G.Gopal RI.3000. The incoming President gave his acceptance speech saying that he would do his best to serve the student community to help and develop their leadership qualities.

As a part of the Installation Project, in order to salute our former president Dr.A.P.J.Abdul Kalam, a Tree Plantation Programme was conducted. Dr.K.Anbarasu, Principal, of our college, Rtn.A.Alagappan, President, Rotary Club of Trichirapalli and Dr.V.R.Mathiazhagan, Professor In-Charge (UAP) National College felicitated. Rtr.T.Jaimanivel proposed a vote of thanks.

நுண்கலை மன்ற விழா

31.08.2015 அன்று நுண்கலை மன்றத்தின் சார்பில் '98.3 ரேடியோ மிர்ச்' குழுவினரை சென்னையில் இருந்து தேசியக் கல்<u>ல</u>ாரிக்கு அழைத்து நுண்கலை மன்ற மாணவ மாணவியரின் தனி மற்றும் குழுவாக Classical, Folk, Western Dance மற்றும் Drama, Mimicry, Song மற்றும் பல்வேறு நுண்கலை நிகழ்வுகளின் திறமைகளைக் கண்டு பரிசுகள் வழங்க கல்லூரி செயலர், முதல்வர் ஆகியோர் ஏற்பாடு செய்து இருந்தனர். நுண்கலை மன்ற பேராசிரியர். ஒருங்கிணைப்பாளர் பெ.பரிமளசேகர் அவர்கள் விழாவிற்கான அனைத்து ஏற்பாடுகளையும் முன்னின்று நடத்தியதோடு மட்டுமல்லாமல் மாணவ மாணவியரை தயார் செய்தும் ஊக்கப்படுத்தியும் போட்டிகளில் பங்கேற்க வைத்தார்.

நிகழ்ச்சியின் போது நுண்கலை மன்றத்தைச் சார்ந்த மாணவ மாணவியர் மட்டுமின்றி ஒட்டு மொத்த கல்லூரி மாணவ மாணவியரும் அவர்கள் நடத்திய



பல் வேறு போட்டிகளில் கலந்து கொண்டு தங்கள் திறமைகளை வெளிப்படுத்தி சுமார் 25,000ருபாய்க்கும் மேற்பட்ட பரிசுக் கூப்பன்களையும், பரிசுப் பொருட்களையும் வென்றனர். நிகழ்ச்சி சுமார் 3 மணி நேரத்திற்கும் மேலாக நடைபெற்றது. கல்லூரியின் செயலர் கா.இரகுநாதன், முதல்வர் மு.அன்பரசு அவர்கள் அனுமதியுடனும் ஆசியுடனும் நடத் தப்பட்ட இந்நிகழ்ச்சிக்கு பொறுப்பு முதல் வர் பேராசிரியர்.சு.சீனிவாசன் மற்றும் நுண்கலை மன்ற

ஒருங்கிணைப்பாளர் பேராசிரியர். பெ.பரிமளசேகர் ஆகியோரின் வாழ்த்துரைகளோடு ஏராளமான பேராசிரியர்களும் கலந்து கொண்டு விழாவினைச் சிறப்பித்தனர். மாணவ மாணவிகளுக்குத் தரப்படும் இப் பயிற்சியின் முயற்சியினால் பாரதிதாசன் பல்கலைக் கழக BDU FEST கவிதைப் போட்டியில் முதல் பரிசை பெற்று கல்லூரிக்குப் பெருமை சேர்க்கும் கிட்டியது.

Girls Hostel

Fresher's Day Celebration

The Fresher's Day of the girls hostel of our college was celebrated on 11th August, 2015. Dr.K.Anbarasu, Principal delivered the Presidential Address. In his Address, the Principal advised the students to improve their knowledge and their communication skills. Mr.V.K.Boominathan, M.Com. M.Phil., B.L., Reader (Retd), Department of Commerce, Bishop Heber College, Tiruchirapalli was the Chief Guest. He gave an inspiring talk on the topic "Be Sociable", in a very simple and friendly way.



He stressed the importance to learn the skills, express the knowledge otherwise there is no use of intelligence. One has to develop communication skills. He advised the students to read the English grammar book written by Wren and Martin and to be thorough with the use of conjugation verbs. He also advised them to improve their language by reading newspapers daily and story books too. People possess enough knowledge to distinguish between the right and the wrong.

The best asset for a human being is relationships. By building trust one can be sociable. Only when people get to know each other mutual trust may be developed, as the English proverb says, 'From many acorns grow the mighty oak trees.' One has to develop positive mental attitude. Attitude is the standard way of responding to standard happenings in life. Though life is a mixture of good and bad, only positive vibrations will make us happy. He advised the students to avoid watching serials lest they should turn out to be anti-social elements as depicted in serials. But they should watch news channels and other informative channels. "If we grumble about what we don't have, then we will not have time to be happy with what we have" he said. Education is the only device that can eradicate poverty. 'Selfless work and hard

work is important in one's life' are the golden words of our former President late Dr.A.P.J.Abdul Kalam. At the end he added, think positively, network well, exercise daily, eat daily, eat healthy, work hard, stay strong, build faith, worry less, read more, be happy, volunteer free, relax often, love always and live forever.

Ms.a.Jayalakshmi of III B.A., English welcomed the gathering. Ms.K.B.Shalini of I B.Sc.Geology proposed a vote of thanks. The Deputy Warden Dr.S.Sunitha, and the Assistant Warden Ms.R.Lakshmi made arrangements for the Celebration.

புதிய பூக்கள் பூக்கட்டும

A Meeting was organized in the Girls Hostel on 10th September, 2015 for the benefit of the hostel girls. The Chief Guest was Mr.Siva Murali, M.A., B.Ed., Tamil Teacher, J.F.Hr.Sec.School, Pulivalam, Tiruchirapalli. He delivered an inspirational speech on the topic "புதிய பூக்கள் பூக்கட்டும" He advised the students to think newly and not to brood over by thinking negatively. He advised them to gather as much information as possible, of the world and to put good ideas into practice. Now-a-days, students are capable of receiving up-to-date information. So they do not face any difficulty in getting new ideas. Teachers are the ones who mould the students and make their future bright. They get a chance to exhibit their talents only within the walls of educational institutions. Hence they ought to bring fame to their parents and teachers. Students ought to be grateful to them and to



their parents. Students have to cross several hurdles in their life in order to achieve success. This is possible only if they possess a positive attitude. By thinking good things, one will be blessed with good happenings in life. We should never forget the fact that we are what we think. Our thoughts will decide our course of actions and hence our future. We have to think differently. People become great only because they do things differently. When we choose a positive attitude, we will be able to notice a lot of positive qualities in people and ignore their defaults and we will be able to create more meaningful friendships and great relationships. Success becomes easier with positive thoughts. Appreciation and gratitude can bring more of good thing into one's life. So let's be thankful and let's count our blessings.

Ms.V.Ramya of I B.Sc., Geology welcomed the

gathering. Ms.V.Soundarya of III B.Sc., Mathematics proposed a vote of thanks. Ms.V.Priyadharsini of I B.Sc., Geology was the master of ceremony.

Yuva Installation Program

Youth For Unity and Voluntary Action

The installation ceremony of the "YUVA" chapter was held at the National College Tiruchirapalli on 26th September. Shri Ponnambalam Balakrishnan of young Indians, Trichy, installed the office bearers for the year 2015-16 and delivered the installation address. Nowadays youth raise up to this level of courage and stop their work. A very few achieve. The energy of the youth is to be channelized to take up voluntarily any sort of activity for nation building. In spite of diversities among the youth of India, they are united for a



common cause. The areas for the upliftment of the youth are to be identified based on their talents .Communication skills are to be developed, apart from their inherent talents. The youth are to be harnessed for socio-political well being. Their contribution towards the nation building efforts are to be identified and put to use for the rural masses, through regular training and innovative programmes.

This is the primary role of "YUVA" for the youth and student community for coordinated urban and rural upliftment, he added. Shri Prative Chand, Co-chair, young Indians, and CEO of Care group of institution, told that the installation of office bearers, gives them an identify to take up any task that comes under their scanner.Dr. R .Srinivasan Vice Principal of National College, spoke on the duties and rights of the youth . While performing one's own duties, he automatically has every right to demand for his rights. Since Indian happens to be a country with maximum youth population in the world, the key to success lies in their hands. Drastic changes to the altitude of the youth are to be effected, so that, by 2020, India shall become a powerful, self-rellant nation. Dr. D Prasanna Balaji, Director and Head, Research department of physical education and sports sciences of National College, coordinated the ceremony.

SPORTS

Summer Camp 20th April to May 20th, 2015

The dawning of the Sun in the summer goes with

Sports Camp at National College. The National College Sports Academy effectively engages the children during the Summer Camp. Sacrificing the entertainments of the drawing room idiot box, the children are drawn to the



grounds, for a meaningful training and practice of different types of sports and games. Cricket, Foot Ball, Athletics, Martial Arts like Kung Fu, Taekwondo are the major sports events that drew maximum enrolment. Intensive training was provided by the experts in the respective discipline.

The improved infrastructure in sports provided maximum output. The beneficiaries were children in the age group of 6 to 20. The lecture-cum-demonstration of the individual events on the stage attracted the participants to the little popular and non-lucrative sports and games, making them adopt novel ways of promoting them. The youngsters felt that the impact of physical exercises and sports brings in, concentration in any discipline, decision-making in any crisis and leadership in any profession.

World Yoga Day Celebration

The International Yoga Day was celebrated on 21st June at National College, Tiruchirapalli-01, A total of 205 persons participated for the sessions from Trichirapalli.



Mr. Vishnu Narayanan a student of B.Sc Physical Education performed Yoga between 7 am and 7:30 am. Different yoga postures like Vrikshasana, Uttaanaasana, Trikonaasana, Bhadrasana, Shashankaasana, Bhujangasana, Pawana Muktaasana, finally ended with Pranayama and meditation.

National College Trophy 25th & 26th July

The Research Department of Physical Education and Sports Sciences, National College, organized an intercollegiate cum Corporate Sector Cricket Tournament on 25th and 26th for the National College Trophy. 16 teams participated in the T-10 tournament where it combined bidding-cum-knock-out and league in a novel method. The winner of the bid is qualified for the next round. The qualifying rounds were played by the Rover Engineering College, Perambalur and V Dart Pirates. Hans Rover qualified for the Second Runner Up. MAM College of Engineering, Siruganur, was placed as the first runner up. Royal Enfield won the tournament. Sports enthusiasts, sportsmen and students participated in large numbers watched the game and learnt the methods.

Shri.RaviMurugaiah, Chairman, Vasan Estates, presided over the Valediction. While distributing the National College Trophy to the winners, he observed that the meeting of the Educational Institution with the Corporate Sector in



Sports is an ever new idea floated by Dr.PrasannaBalaji, which would become the order of the day, in future. It bridges the budding stars with the business giants. The fixtures too were novel. The game was short, sparkling and sweet, he added.

Shri.K.Raghunathan, Secretary, National College, appreciated the efforts of the Research Department of Physical Education, paving new ways in making the sportslovers rejoice. The pace of the game has become more rapid, increasing the heartbeat of the spectators. The reduction in the duration of the game from 5 days to 3 days, 50 overs to 20 overs and subsequently 10 overs to 5 overs in the finals, makes the game challenging and absorbing, he observed. Dr.D.PrasannaBalaji, the conveyor of the tournament proposed a formal vote of thanks.

Sports as a Career

The Virtues and scope of sports professional were highlighted by 'Padmashri' V.Bhaskaran, Former Captain of the Indian Hockey team to enlighten the students of Physical Education. A Lecture on "Sports as a Career", was organized by the Research Department of Physical Education and sports sciences on 1-08-2015. Mr.Bhaskaran identified the avenues in which sportsmen are

most sought after. A strong mind and a healthy physique with commitment to the profession are the basic necessities, he said, sharing some of his experiences. Earlier, there was an audio-visual presentation on Bhaskaran and the steps he took to become a top hockey player.



Derrick Alex of "V Dart" Private Ltd., Trichy, presented a Citation to Dr.D.Prasanna Balaji for his service to the sports fraternity.

The Third District Ranking Table Tennis Tournament - 8th August 2015

National College organized the third district ranking table tennis tournament, in association with Trichy District Table Tennis Development Association (TDTTDA), on 9th and 10th of August 2015, at the Indoor Stadium of the College. There were ten events earmarked for Mini-cadet Boys and Girls, Cadet Boys and Girls, Sub-junior Boys and Girls, Junior Boys and Girls, Youth Boys, Women Singles, Men Singles, Non-medalist singles, Open doubles and Veteran Singles. The events were inaugurated by The International Shooter Champion and **Prince of Pudukkottai Samasthanam Shri Prithviraj Thondaiman**. Dr V.R. Mathiyazhagan,



Professor-in-Charge, Unaided Programmes of National College, felicitated. Dr D PrasannaBalaji, Head and Director, Department of Physical Education and Sports Sciences, National College, coordinated the events, along with R. Jayaraman, Secretary TDTTDA and tournament committee member Major P. Ponnurangam. The members of the Advisory and Tournament committees and observers were also present during the events. There were a total of 200 entries to this tournament.

Taekwondo Tournament

National College organized district Taekwondo Championship, in association with Trichy District Taekwondo Association , on 20 and 21st of september 2015, at the Indoor Stadium of the College. The tournament was inaugurated by Shri.RaviMurugaiah, Chairman, Vasan Estates. Dr V.R. Mathiyazhagan, Professor-in-Charge, Unaided Programmes of National College, felicitated. Dr D PrasannaBalaji, Head and Director, Department of Physical Education and Sports Sciences, National College, Trichy



coordinated the programme. The members of the Advisory and Tournament committees and observers were also present during the events. There were a total of 160 entries to this tournament.

Yongmudo Championship Tournament

National College has organized 1st Tamilnadu State yongmudo Championship, in association with Trichy District Yongmudo Association, on 24th and 25th of October 2015, at the Indoor Stadium of our College. The tournament was inaugurated by Mr.Kumar, Member of Parliament, Trichy.



Shri.RaviMurugaiah, Chairman, Vasan Estates, presided over the Valediction. The members of the Advisory and Tournament committees and observers were also present during the events.

Inter Collegiate Cricket Tournament 2015

National College has emerged victorious in the Bharathidasan University inter-zonal inter-collegiate cricket tournament

Twenty seven colleges in Tiruchi zone and 22 colleges in Thanjavur zone took part in the tournament. Two colleges from each zone National College and Kongu Arts and Science College, Karur, (Tiruchi zone) and J.J. College of Arts and Science, Pudukottai, and TBML College, Porayar, (Thanjavur zone) qualified for the inter-zonal four-team league held at J.J. College of Engineering and Technology here.

National College won all the matches in the four-team league to clinch the top spot. Kongu Arts and Science College (two wins) and J.J. College of Arts and Science (one win) finished second and third respectively.

The star performers for the winning team in the inter-zonal phase were A. Kaviarasan, who scored 124 runs and took nine wickets in three matches, and V. Balasubramanian, who scalped 12 wickets in three matches. K. Jayaraja, Director of Physical Education, J.J. College of Engineering and Technology, gave away the prizes in the presence of A. Palanisamy, Associate Professor and sports secretary, Bharathidasan University, and D. Murugaraj, Director of Physical Education, AVVM Sri Pushpam College.



K. Raghunathan, secretary, National College, K. Anbarasu, Principal, and D. Prasanna Balaji, Director of Physical Education, felicitated the players.

Inter Collegiate Weightlifting, Powerlifting and Bodybuilding Competition Dec 8th To 10th, 2015

National College has organized Bharathidasan University Inter-Collegiate Weight lifting, Powerlifting and Bodybuilding Competition on 8th to 10th of December 2015, at the Indoor Stadium of our College. The tournament was inaugurated by the Secretary Sri.K.Ragunathan.



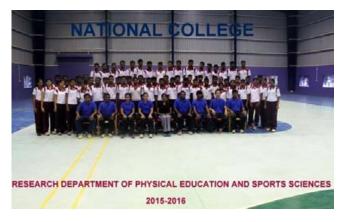
Special Lecture

The Research Department of Physical Education has Organised invitation lecture on Adapted Physical Education. The resource person was **Dr.M.S.Nagarajan, Director of Special Olympics, South Asia Pacific** with the students of Physical Education and Sports Scientists, on 4th january 2016.



Yoga Training And Physical Jerks

Invited lecture - Science of Aerobics - Group of Students of BSc. Physical Education with the Resource Person Dr Jothi Dayanandan of YMCA College, on 21st July 2015.



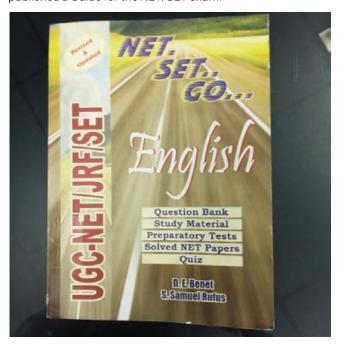
Swiss Ball Workshop 18th Dec, 2015

One day Workshop on Swiss Ball conducted by **Shri C. Vijay, CEO, Smart Wellness** with the participants and students of Physical Education and Sports Scientists, on 18th December 2015.



News at a Glance

• Dr.D.E.Benet, Associate Professor, Department of English is regularly conducting preparatory classes for NET/SET, English Examinations for the past 5 years. The classes attract aspirants from far and near. More than 200 students have cleared the exams so far. Dr. Benet has also published a Guide for the NET/SET exam.



• Students of Physical Education celebrated Karthigai Festival. The entire Library building was lighted with lamps.



• Dr.V.M.Ananthanarayanan participated in the 35th Teachers Training Programme organised by the Indian Centre for Research and Development of Community Education, a co-ordinating Agency for Community Colleges in India from 2nd to 7th November 2015.



Dr.V.M.Ananthanarayanan Professor of Sanskrit published a Book titled "Kartaviryararjuna Upasana Paddatih. The book was released by Hon.Minister for Food and Agriculture, Government of Tamilnadu Thiru.Vaithiyalingam.

• Seven of our Professors have been awarded with the Ph.D degree. They are 1. Dr.Akilashre of Computer Science, 2.Dr.Akila of English, 3.Dr.K.Govindaraj of Zoology, 4.Dr.Saveriyar Duraisamy and 5.Dr.Rathnamani, 6.Dr.Nirmal of Commerce and 7.Dr.K.Rajesh of Economics.



• Dr.Gurunathan, Department of Biotechnology got married to Smt. Nagalakshmi.



 Principal offering Pooja to Goddes Saraswathi at his chamber on Saraswathi Pooja Day.



- All the Departments in the College celebrated Saraswathi Pooja.
- Ms.Marina of III B.Sc., Computer Science bagged the I Prize in the Essay Competition on "Science and it's use in Everyday Life" conducted by E.V.R.College Trichy.
- Dr.C.Ashok Kumar, Retired, Department of Zoology donated Rs.50,000/- to the Endowment Fund to give away prizes for outstanding students in Zoology.



- Dr. Prasanna Balaji, Director of Physical Education and also NSS co-ordinator has been appointed as the Trainer and Resource Person to train NSS volunteers of the Southern States by the Ministry of Youth Affairs and Sports, Government of India.
- Our College participated in the Marathon "Run for your Heart" organised by KMC, Trichy.



• Sri.Keezhambur Sankara Subramanian, Editor, Kalaimagal spoke on the opportunity for the students of Journalism Course. In his speech, Keezhambur highlighted that Mass media is the only tool to reach the Public easily. So, it is a golden chance for the students to take up this task, get trained and shine well in the field of journalism.



• "Vinayagar Chathurthi" was celebrated at the Temple of the College deity Jaya Vinayagar and boys hostel deity Sri Vidhya Ganapathy.



• The Independance Day was celebrated. Prof.Dr.Narayanasamy, Head, Department of Commerce hoisted the National Flag and addressed the audience.



 The Anti-ragging Committee of our College met on 11.08.2015. Dr.K.Anbarasu, Principal explained the duties and obligation of the Committee.



- Prof.Dr.R.Elavarasu, Head, Dept. of English organaised the Fresher's Day on 03.08.2015 exclusively for the Department of English.
- The Bridge Course for the first year students was conducted for 21 days. Dr.K.Srinivasan co-ordinated the Course.
- Both the UG and PG Laboratories of Chemistry

 Department have been throughly modernised. They now
 boast of very high standards and state of the art facilities.
- The College paid homage to Dr. A.P.J.Abdul Kalam, Former President of India. Floral tributes were paid and a minute's silence in Prayer was observed for the soul to rest in peace.



- Dr.M.N.Abubecker, Head, Dept. Of Bio-Technology has been appointed as an Editorial Board Member of the "Global Academic Research Journal" published from South Korea.
- The National Institute of Ocean Technology, Ministry of Earth Sciences, Government of India, has awarded a Research Project to Dr.S.Selvaraj, Dept.of Geology titled "Field Investigations for Shore line Managment along the Coastal Stretch between Poovar and Thuthukudi," Tamilnadu Coast.

 Dr.K.Anbarasu, Principal was sanctioned with a Major Research Project by the Ministry of Earth Science titled "Sea level Changes along the Coast of Tamilnadu."



Dr.Senthil, Dept.of Bio-Technology is the coinvestigator along with the Principal for the Major Project "Sea Level Changes along the coast of Tamilnadu".

Dr. Manoj Kumar Jaiswal, from Indian institute of science education and research, kolkotta, is interacting with the students at the project site.

- Dr.Mohammed Jabir has been awarded an UGC Research Programme titled "Molecular Investigation on ADHD/Hyper Activity due to Micro Nutrient Deficiency".
- Dr.S.P.Anand has been sanctioned with a UGC
 Major Project on "Characterization of Bio-Active and Bio-Chemical Constituents in some Wild Edible Fruits".
- Dr. V. Nandagopalan has been awarded a UGC Major Research Project titled "Chemical Approach for the Screening and enhancement of Secondary Metabolites in selected Medicinal Plants".
- During this semester 14 Faculty Members of our College have produced 16 Ph.D scholars successfully. In every Convocation of Bharathidasan University more number of Ph.D scholars receiving degrees are from our College.
- During this semester 14 teachers of our College have published Research Articles in reputed Journals.
- Face Book: Thiru.K.Raghunathan, our College Secretary has a Face Book Page in the name "Raghunathan Kalamegam." All the activities of the College are posted in the page everyday. All are requested to send a friend's request to "Raghunathan Kalamegam" to update themselves regarding all the happenings in the College.



• **Geology:** The Department is preparing a Plan for "drainage" based on geological mapping of the city of Trichy. The Plan includes the key takeaways like, if there is a natural slope, there will be no flooding; (an average 1.5 a.c unit can produce 50 to 60 litres of water; water discharged by Acs can be re-used after adding some salts; sand mining permits should be based on sedimentation rate of save the rivers and City's expansion should be in relatively arid and semi-arid belts).

Students of the Department of Geology went for a practical training to the Project Site at Thithuraipoondi where the Principal has started core drilling for his project. Dr.K.Anbarasu, Principal, Dr.Kumar, Head, Dept of Geology accompanied the students. Dr.Manojkumar Jaiswal, Indian Institute of Science, Education and Research, Kolkatta was also present and interacted with the students at the Project Site.

• Our College in association with the Ramajujan Maths Society organised the 3rd & 4th Outreach Programme. The topics, Linear Algebra, Rear Analysis and Algebra were covered by Dr.C.Durairajan, Dr.P.S.Srinivasan and Dr.R.Balakrishnan.

Visit Abroad

Dr.K.Srinivasan, Dept.of English went to Malaysia to present a Paper titled "Avvaiyar and Deconstruction" in a conference organised by the Department of Indian Studies, University of Malaya, Malaysia. He has also been appointed as a Member of the Editorial Board of the International Journal "Tamil Peraiyvu" published by University of Malaya.

Dr.K.Anbarasu, Principal had been to Japan to attend The International Union for Quaternary Research XIX Congress 2015 wherein he presented a Research Paper titled "River Migration an Evidence for Neotectonic Activity along the Coast of Tamilnadu". It was the Emperor of Japan who was the Chief Guest for the inauguration of the Congress.



Dr.Senthil, Dept.of Bio-Technology as the coresearcher along with the Principal also went to Japan to attend the International Union for Quarternary Research XIX Congress 2015.

Core Groups

For more than 5 years the College has been conducting the Core Group Meeting for the students. From each branch, achievers were selected for this group who were given training to develop their life skills. During this semester 6 meetings were conducted. The Resource Persons and the topics of the meetings are as follows:

1.Dr.S.Senthilkumar

- Microbes that Manupulated the History of Mankind.

2.Dr.V.Kumar

- Fossils Modes of Preservation and Uses

3. Dr. Raja Muthrulandi

- Disclose or not to (Right to Information Act)

4. Dr. V. R. Mathiazhagan

- Dr.A.P.J. Abdul Kalam's Vision 2020

5.Dr.M.N.Abubeckar

- Airborn Alergens

The Birthday of Dr.A.P.J.Abdul Kalam was celebrated

6.Dr.K.Alex

- College to Corporate

Birthday Celebration of Dr.A.P.J.Abdul Kalam

by the P.G and Research Dept of English on 15.10.2015. **Dr.Papu Benjamin Elango former Head, Department of English St.Joseph's College** (Autonomous) Trichy was the Chief Guest and spoke on "True Dreams" Dr.R.Sundararaman, Controller of Examinations, National College (Autonomous) presided over the function. In his presidential speech he said that the vision of Abdul Kalam would be fulfilled by the present youth. Dr.Papu Benjamin Elango, in his Address, quoted many lively incidents from Kalam's life which could be an inspiration for the aspiring young minds. He also recollected Kalam's association with St.Joseph College, Trichy. Earlier Ms.Azulu Banu of I M.A welcomed the gathering. Dr.R.Elavarasu, Head, Department of English proposed a vote of thanks.

• NCC: The NCC Naval Wing Officer Dr. S.Selvaraj attended the Basic Leadership Camp at Sathyamangalam. The Camp trained the Naval Officers in the areas like Personality Development, Leadership Qualities and Communication Skills.



The Naval Cadets of our College participated in Nansainik Selection Camp at Pondicherry. The cadets received training in Boat Rowing and Pulling.

Healthy Practices

The Management of the College arranges a Meeting of all the teachers on the last Working Day of each semester. It gives an opportunity for the Management to appreciate and recognize the teachers who had put in little more effort than their regular duties during that semester.

These teachers had arranged Seminars, Workshops, qualified themselves with Ph.D degrees, guided scholars and contributed research articles in reputed journals. All these teachers were presented with mementos and gift cheques.

The Principal, architect of all the achievements receiving a memento and gift cheque , from Sri. V.Chakrapani, our college Vice President.

The Management also encourages the teachers who go abroad to present Papers and attend Conferences and Seminars with gift cheques.



• Tiruchi E.V.R. College conducted an essay competition on "Science and its use in everyday life". Eleven colleges participated. Miss. Marina of our B.Sc. (Computer Science, III year) won the competition. She is seen with Dr.Akilasri, HOD/Computer Science and the Principal. Congratulations!



● The National College Co-op Credit and Thrift Society had its 38th Annual General Body meeting on 15th October 2015. Teaching & Non-Teaching employees of National College and SMHS School are members of the society. Prof. Dr.S.Selvaraj is the President and Sri.Anantha Padmanabhan it's Vice-President. The society declared a dividend of 14% to its members for the financial year 2014-2015 Prof. Dr. Selvaraj addressing the members.



● The 36th athletic meet of Bharadhidasan University was held at Poondi Pushpam college. 72 colleges participated. More than 1800 athletes took part. In the overall medals tally our college was placed at the second position with 8 gold, 4 silver and 4 bronz. Dr. Balaji, our physical director is to be congratulated and appreciated for his dedication. Mothi Arun of II B.A. Eng..cleared 2.4 meters in high jump which is a new record.



• Our college Football team won the 'Kannadhasan Memorial Tournament' (3rd place) and won a cash prize of Rs.6000/- beating teams from Chennai and other places.



• The Junior Jaycees of our college who won laurels at the "Tact - 2015 " held by the JCI India zone XXIII at Manapparai.



• Our College Badminton team consisting of Miss.Shrivanthi of M.phil., Miss.Sivaranjini and Miss.Nandhini, all the three from physical education dept., secured the 2nd place in the Bharadhidasan University Intercollegiate Badminton tournament



• The 27th south zone National Championship - 2015 was held from 24 to 26/9/2015 at Kakinada. Our college student Miss. A. Chandralekha won the gold in relay and two silver in 100 & 200 mts.. Another student Mr. Mothi Arun won the silver in high jump. Congratulations to both. Our physical director Dr. Prasanna Balaji is the architect behind these achievements. Congratulations to him also. Well done.



• The college was reaccredited by NAAC with 'A' grade in the year 2010. Now in 2015 we are to submit ourselves for accreditation - 3rd cycle. The Principal had arranged for a meeting of all the teachers (both Aided & Unaided) to brief them about the role of the teachers in preparing ourselves for the same.



● The Hindu in its supplement Metro Plus has carried a Lead Article about Prof. Dr. V. Gokula of our College. Congratulations. The college Secretary says, "Personally I have been following him on FB for quite some time now. His paintings adorn the walls of our college Library. He is now interested in drawing cartoons also which are also very interesting and imaginative. I wish him all the best in all his endeavors". Follow Dr. Gokula in his FB post 'Varadharajan Gokula.

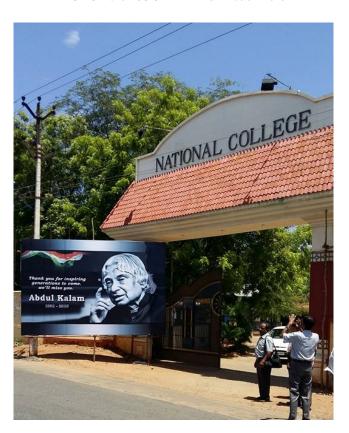


 Yoga training for police officials organised by our physical education dept..at our outdoor stadium. The yoga trainer is our student sri.vishnu. The programme is for 12 days.

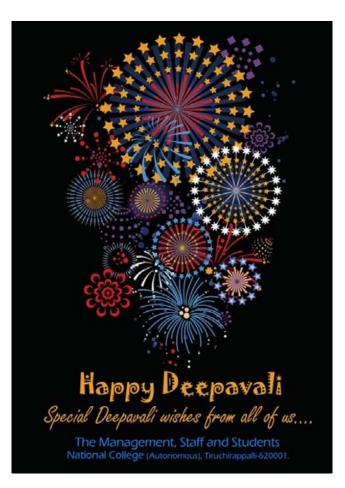


• About 500 students and Teachers of our college paid homage to Dr. A.B.J.Abdul Kalam, our former President of India. Floral Tributes were paid and they observed a minute silence in prayer for the Soul to rest in peace.

In remembrance of Dr.A.P.J. Abdul Kalam



On the occasion of Deepavali





Editorial Board: Dr. K. Anbarasu, Principal, Dr. D.E. Benet, Dr. K. Srinivasan, Dr. S. Eswaran Phone: Principal - 0431-2482995; Off - 0431-3202971; Fax - 0431-2481997 www.nct.ac.in



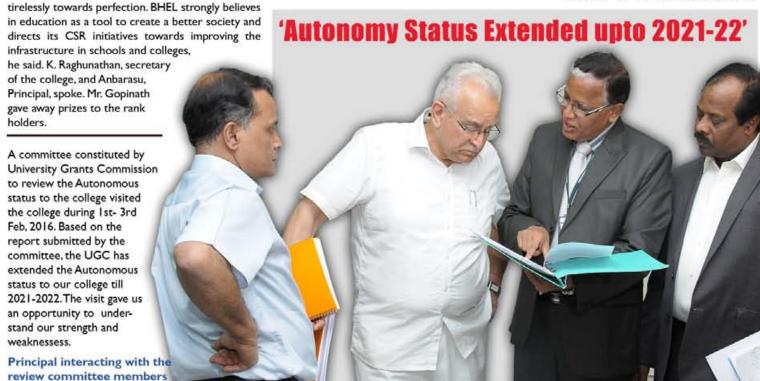
Our Motto: "That alone is knowledge which liberates"



Shri. S. Gopinath, Executive Director, BHEL, Tiruchirappalli addressing at the 97th College Day celebrations

'Campus should free from prejudice'

Educational institutions are sacred institutions which provide knowledge and wisdom to the youth. They should be free from prejudices of caste, religion, and politics, said S. Gopinath, Executive Director, BHEL, Tiruchi, speaking at the 97th College Day of National College. Education is a debt due from the present generation to the future generations, he added. He spoke about pluralistic, multi-ethnic and mulit-linguistic character that are the unique features of India. The colourful tapestry as in a rainbow presents a magnificient view of our distinct unity in diversity. But there are some jarring notes in the form of unpleasant incidents in universities and honour killings, which have marred the benevolent and tolerant culture of ours, he said. He stressed the importance of ethics and values and sacrificing values will not yield positive results in life. He advised students to be fearless and strive



From the Secretary's Desk



Dear Reader,

I am happy to inform you that the UGC has extended the "Autonomous Status" to our College for the period 2016 2022. The Triennial Commission of the Bharathidasan University has also submitted an excellent

report about the College to the University.

UGC has extended CPE status for the second phase. UGC has also sanctioned a community college scheme to our college. The college will offer Certificate, Diploma and Advanced Diploma programmes on Welding and Fabrication from the year 2016-17 onwards under the scheme.

Five teachers of our college have obtained grants from Ministry of Earth Science, DST and UGC for major projects. A teacher has obtained grants from NIOT under Consultancy project. I congratulate all of them.

The $3^{\rm rd}$ Cycle of Re-Accreditation by NAAC is due in the first half of the next Academic Year. We are well prepared to receive the Peer Team.

During this semester both the Graduation Day for which **Dr.A.P.Dash**, **Vice-Chancellor**, **Central University**, **Tamil Nadu**, was the Chief-Guest and the College Day for which **Sri.S.Gopinath**, **E.D. BHEL**, **Trichy** was the Chief-Guest were the two important events. Apart from that a number of noteworthy personalities were invited to give prestigious lectures.

All the departments were very active and had arranged a number of Meetings, Seminars and Workshops.

Infrastructure developments were carried out in general.

The NCC and NSS were very active. In Sports we have reached new heights by winning number of tournaments in various disciplines.

 $\label{eq:theorem} \mbox{The year 2015-2016 had been highly rewarding in all aspects.}$

From the Office of the Principal



Dear Reader,

The visit of the expert committee constituted by UGC for the review of Autonomous Status to the college went on successfully. The members of the committee openly appreciated the functioning and the achievements of the college.

Based on the report submitted by the committee the UGC has extended the Autonomous status to the college till 2021-2022. UGC has also approved the status of "College with potential for Excellence" for the second phase with a Grant support of rupees 1.50 crores. The college is now poised for the next status namely "College of Excellence". The Triennial commission constituted by Bharathidasan University, Tiruchirappalli, a yet another inspection process, visited the college and reported highly satisfied note on the functioning of the college.

The preparation of self study report for the third cycle of re-accreditation is almost over; it will be submitted by August 2016. The college is taking all out effort to get a very high CGPA.

The Graduation day, Annual day and Sports day were the most colourful and momentous events of this semester. The achievements of our college student athletes deserve our appreciation.

The Directorate of NSS, Southern Region has chosen our college as a venue for Pre-Republic Day camp to be held during October 2016. Selected NSS volunteers from all the southern states will attend the camp. During the camp selection will be made for participation in the Republic Day parade to be held in Red Fort, New Delhi on 26th January 2017. I am sure the activities during the camp will bring laurels to the college.

With this issue, the Bulletin completes its 10^{th} year of publication. I congratulate all the members of the Editorial Board.

SECRETARY PRINCIPAL

Glimpses of Annual Sports Day held on 14th March 2016





Autonomy Review Autonomy Review

The Committee constituted by UGC to review the Autonomous status to the college visited the College during 1st-3rd February 2016. The Committee was headed by **Prof. R.C. Thakran, CAS Department of History, University of Delhi,**

Delhi with Dr. (Ms.) Snehlata G. Nadiger, Principal, NMKRV College for Women, Bangalore, Dr.(Mrs) G.L.K. Durga, Retd. Principal, Andhra Mahila Sabha Arts and Science College for Women, Hyderabad, Prof. M. Krishnan, Professor& Head, Department of Environmental Biotechnology, Bharathidasan University, Tiruchirapalli, Dr. (Ms.) K. Kala, Regional Joint director of Collegiate Education, Tiruchirapalli Region, Tiruchirapalli and Shri B. Ravi Narayanan, Section Officer, UGC, as members. The event started with the Principal's presentation on the activities of the College for the last five years. Following this the Committee visited all the departments and supporting facilities like hostels, Indoor and Outdoor stadium, Gymnasium, Visually challenged students facilitation centre, Library etc.

The Committee also had interaction with College Committee Members, staff, students, Members of IQAC and Academic Council. There was a lengthy interaction in the office of the Controller of Examinations also. The visit was over with exit meeting in the afternoon on the third day. Based on the report submitted by the Committee, **the UGC** has extended the autonomous status to our College till 2021-2022. The visit gave an opportunity to understand our strengths and weaknesses.





Graduation Ceremony



The Graduation ceremony was held on 27-02-2016. It was truly a momentous occasion for our College as there were 600 graduates who received their degree in person in the presence of their parents, Secretary Shri.K.Raghunathan, Principal Dr. K. Anbarasu, Committee members, Senate members, the member of the Management, members of teaching and non teaching staff and the Chief Guest A.P. Dash Vice **Chancellor Central University of** Tamil Nadu, Tiruvarur (a total of 2000 participants).

The graduates and their parents were notably impressed by

the splendor of the ceremonial function and the grandeur of the auditorium in which the ceremony took place. Many were obviously "bursting with pride", as they were congratulated on their academic achievements by the chief guest.

The day's events, starting from the Procession from the Secretary's office to the Auditorium, marked an extraordinary beginning for all concerned. The Secretary Shri. K. Ragunathan declared the graduation ceremony open and the Principal Dr. K. Anbarasu welcomed the gathering and presented the college report. The Chief Guest **A.P. Dash, Vice Chancellor, Central University of Tamil Nadu** warmly congratulated the graduates on their achievements and delivered the convocation address.

The Chief Guest acknowledged that the journey of the graduates in getting to this point was an arduous one. He stated that it had been far from easy for the graduates and that it represented a long and sustained commitment. The Chief Guest continued: "It is said that education is the fulcrum of life, for peace, progress and development. It provides the seedlings for culture and civilization. It is a passport to freedom and liberty and a higher calling in life".

Speaking more generally about the occasion, he said, the occasion called for a moment to pause and also to think about the entire enterprise of education. This calls for a serious thought at this point of time because for some of the graduates, the occasion would probably mark the end of the formal academic programme. He also spoke about how a host of initiatives from the Government of India, especially in the recent years have been geared to address the issue of employability and skill development. In this regard, the Global Initiative of Academic Networks (GIAN), among others, under the auspices of the MHRD, assumes singular significance with its global sweep. Besides, a series of steps for accreditation and ranking systems aim at transforming the Indian educational scenario and to set it firmly on a relentless pursuit of excellence.

With regard to the long term sustainability and optimal life, he said that its motto will be education for the liberation of all. And liberation obviously implies that the oppressive structures of sorts will have to disappear for all the stakeholders and definitely not just for humanity alone. He concluded, "I would like to remind the young graduates that, you are among the few fortunate

persons who have had access to educational experience at this renowned institution. This experience will surely be the beacon light for you throughout your life".

Following the address of the Chief Guest, the ceremony continued with the main event of the conferring of degrees to the graduates. The Heads of Department of the various courses presented the names of the candidates and the candidates received their degrees from the Chief Guest. This was followed by the pledge led by the Principal and taken by the students. The Graduation ceremony came to a close with the singing of the National Anthem.



97th College Day

The **97**th **College Day** celebrations were held on Friday, March 24, 2016. The Chief Guest was **Thiru.S.Gopinath**, **Executive Director**, **BHEL**, **Tiruchirapalli**. It was a joyful interlude for students during their tight academic schedule. Inspiring talks were followed by recognition for all achievers.

Shri. K. Raghunathan, Secretary, welcomed the gathering. He was very happy to see the college marching gloriously forward. He congratulated the students on their achievements and applauded the efforts taken by the Principal and all the members of staff for helping students to achieve their goals. **Principal**, **Dr. K. Anbarasu** presented the College Annual Report that showcased the



laurels and activities in the course of the academic year, 2015-16. He spoke about the achievements of the College. He also elaborated upon the plans for the future. He shared his ideas on promoting research among faculty and students, value-addition and professional skill development.

The Chief Guest, **Thiru. S. Gopinath**, Executive Director, BHEL, Tiruchirapalli commended all the award winners and participants of this College Day function. He spoke about India being a pluralistic, multi-cultural, multi-linguistic and multi-ethnic country and we should take legitimate pride in this diversity and proclaim ourselves to be tolerant of this multiplicity. However, the reality is far from this. The recent incidents at Indian Universities, the news of honour killings, all these point towards a culture of intolerance and insensitivity leading to a let-down in the social and moral fabric of our society. In this context, Mr. S. Gopinath said: "I believe caste, religion and politics should be kept out of educational institutions. Schools and colleges are holy places where the students are enlightened by the power of knowledge and wisdom."

Speaking to the students about the important aspects of life, Mr. Gopinath elaborated on ethics and values which define human morality, in terms of concepts such as good and bad, right and wrong, virtue and vice, justice and crime. Just because one has an intellectual understanding of ethics and values it does not mean that he/she will do the right thing, or make the right choices. It requires a concerted effort to bring congruence between what one believes and what one does. The most important regulator with respect to ethics and values is our conscience. If we do an act and if it does not prick our conscience, then invariably it will be correct morally. However, how the conscience develops in a person depends on his upbringing and environment.

According to Mr. S. Gopinath, Ethics is a tricky subject. In this highly competitive world, we might be tempted to sacrifice our ethics and values for personal gains. A person who is able to stick on to his/her ethics and values would always be successful in the long run. He wished all the students a bright and successful future and hoped that each one of them would practice high levels of ethics and values in their life.

He concluded his speech with a poem of Rabindranath Tagore entitled "Where the mind is without fear". He wanted the students to strive to create a society as envisioned by Tagore in this poem where there are no divisive forces, where education is



used as an effective means to create a more enlightened and forward-looking society and where values and ethics are up-held. The address by the Chief Guest was followed by the Prize and Award Distribution Ceremony. Various scholarships, best outgoing student awards and academic proficiency prizes instituted by various philanthropists, and individuals were awarded to the recipients on the occasion. Meritorious students were given prizes and certificates for their contribution. Dr.R.Sundararaman, Controller of Examination, proposed a vote of thanks. The function was followed by lunch for all the guests, students, faculty and alumni.

97th Sports Day



The 97th Annual Sports Day was held on 14th march 2016,in the college grounds. Sri.Sanjay Mathoor, I.P.S, Commissioner of Police, Tiruchirappalli District inaugurated the sports day and delivered a thought provoking speech to the sports people. The Youth of the present day are to concentrate both in studies and physical fitness, he said. In the yesteryears, students walked from their village, a long distance, to reach their school and college .They had more physical work and labor, and a lot of leisure for entertainment. Today's youth are over powered by technology that they spend more time sitting. Hence to overcome

the stress caused by the modern gadgets they have to engage in sports and games though not for representing the country in the world-arena, he added. **Dr. Elangovan, Registrar, Tamilnadu Physical Education and Sports University,** spoke on the necessity of the sports university exclusively for sports by the Tamil Nadu Government. He laid stress on introduction and improvement of sports in the remote rural areas to bring in new and raw talents in the near future.

The Department of English bagged the overall championship among all the departments, in the inter-class tournaments.

Individual championships were given to Mr. A.MothiArun and Ms. Chandralekha, who are from the same department.

Earlier, Dr. K. Anbarasu, Principal, presided over the Sports Day and Sri K.Ragunathan, Secretary of our College offered felicitations.

Staff members who contributed to the cause of sports by their means and might were also honored suitably. Dr D.PrassanaBalaji our Director of Sports presented the annual report listing the year-long activities of the Department and coordinated the conduct of the 97th Sports Day celebrations.



Triennial Commission



The Triennial Commission constituted by Bharathidasan University, Tiruchirapalli visited the College on 23-02-2016. The Committee was headed by **Dr. Nallathambi, Syndicate Member, Bharathidasan University,** with **Dr. Parthasarathy, Director, IECD, Bharathidasan University and Dr. Horne Iona Averal, Associate Professor and Head, Department of Zoology, Holy Cross, Trichy as members The event started with the Principal's presentation on the activities of the college during the last three years. The committee visited all the departments, supporting facilities like hostels, Indoor and Outdoor stadium, Gymnasium, Visually challenged students facilities centre, Library etc. The committee has submitted to the University an excellent report about the college.**

Endowment Lectures

முனைவர். ந. சேஷாத்திரி அறக்கட்டளைச் சொற்பொழிவு

நமது கல்லூரியின் மேனாள் முதல்வர் முனைவர். ந. சேஷாத்திரி அறக்கட்டளைச் சொற்பொழிவு 25.01.2016 அன்று நடைபெற்றது. துறைத்தலைவர் முனைவர். ச. ஈஸ்வரன் சொற்பொழிவிற்கு வந்திருந்த அனைவரையும் வரவேற்றார். கல்லூரி முதல்வர் முனைவர் கு. அன்பரசு நிகழ்ச்சிக்குத் தலைமை ஏற்றுத் தலைமையுரை ஆற்றிச் சொற்பொழிவாளரைச் சிறப்பித்தார். சங்கத் தமிழிசை அன்றும் இன்றும் என்னும் பொருளில் பாரதிதாசன் பல்கலைக்கழக நிகழ்கலைத் துறைத் தலைவரும் பேராசிரியருமான முனைவர். த. கனகசபை சிறப்புரையாற்றினார்.



சங்க இலக்கியங்களில் வகுக்கப்பட்டுள்ள முல்லை, குநிஞ்சி, மருதம், நெய்தல் என்ற திணைகள் ஒவ்வொன்றும் நோக்கிலேயே வடிவமைக்கப்பட்டுள்ளன. 'முல்' இசையின் என்னும் சொல்லே பெருக்கம் ஆகும். திணைகளைக் குறிப்பிடுகையில் குநிஞ்சியை முன்வைப்பது தவறானது. தொல்காப்பியர் முல்லைத் திணையையே (முதன்மைத் திணையாகக் குறிப்பிடுவது நோக்குதற்குரியது. முல்லைக்குச் செம்பாலை, குறிஞ்சிக்குச் செந்துருத்தி, மருதத்திற்குக் கரகரப் பிரியா, நெய்தலுக்கு இந்தோளம் என்ற இசை வைப்புமுறை தமிழர்களின் இசைப் புலமையைக் காட்டுகிறது.

தாலாட்டிற்குச் சங்கராபரணம் ஏற்றதாகப் பாடப்படுகிறது. காதல் உணர்ச்சியையும் நுகர்ச்சியையும் தமிழிசைப் பாடல்கள் வெளிப்படுத்துகின்றன. படிக்கவும், ஓதவும், பாடவும் மாணவர்கள் தமிழிசைப் புலமையை வளர்த்துக்கொள்ள வேண்டும் என்பதை தமது உரையின் வழி எடுத்துரைத்தார். மாணவர்களுக்கு இசையின் மீது நாட்டம் உண்டாகும் வண்ணம் இசையுடன் தமிழ்ப் பண் அமைப்பில் பல பாடல்களைப் பாடி மகிழ்வித்தார். நிகழ்ச்சிக்கு வந்திருந்த அனைவருக்கும் முனைவர். சு. ஆனந்தவேல் நன்றி கூறினார்.

Rajaji Memorial Endowment Lecture

The Rajaji Memorial Endowment Lecture was held on 27-01-2016. The Former **CBI Director Dr. R.K. Raghava**n has expressed concern over the "alarming drop in integrity levels" among civil service officers. Delivering the Rajaji Memorial Endowment Lecture on **Maintaining Integrity in Public Services** in our College, he said recent happenings at high places in the senior civil services were a

matter of concern. Sardar Vallabhai Patel, who was the first Home Minister of the country, pioneered the creation of the Indian Administrative Service and Indian Police Service as



successors to the Indian Civil Service and imperial Police after Independence. He said these two services would lend stability to the nation, as they provided a honest administration to the common citizen. The first objective had been reasonably fulfilled. The second objective remained a dream.

While a majority of the IAS officers had been a model of probity, the same thing could not be said of the rest, who, though in a minority, accounted for a significant number, he said.

Shri. R.K. Raghavan said there was this common perception that enormous political corruption was a cause for civil service corruption. It was only partially true. It was undeniable that some IAS and central officers had been pliable and willing accomplices to corruption in high places. This had to change swiftly. Only then the country could hold its head high in the comity of nations.

While terming the corruption at the high level was "equally disturbing", he said the office of the Tashildar and the Police station were two fundamental units of administration. If these were transparent centres, where all services were provided without expectations of illegal gratification, the country would win half the battle. "We are still looked upon as a nation where corruption starts from birth and lasts until one reaches the grave. The charge is that one has to grease somebody's palm even to obtain a birth certificate".

Paying rich tributes to Rajaji, he said he was unique in many ways. He never chased offices. He was a man for the crisis, and hence, public office chased him. He steered the administration in most difficult times. There was so much for the current generation to learn from his life .

Smt. T. Sengamalam Iyengar Endowment Lecutre

The Department of Sanskrit conducted Smt. T. Sengamalam Iyengar Endowment Lecture on 3rd March 2016. The Endowment is instituted by Sri T. Padmanabhan, the illustrious son of the former Principal of the college Sri T. Thothadri Iyengar, in the name of his mother

Smt. T. Sengamalam Iyengar. Sri Thothadri Iyengar joined the college as an Assistant Lecturer in History and later become the Head of the Department of Economics in the year 1926. He became the Principal in the year 1952 and retired in the year 1955.

Dr. Thiruppur Krishnan, Editor of **Amudhasurabi**, the Tamil Monthly, delivered a lecture on **Sanskrit the Elixir for Virtuous Living**. He took the



examples of two great Sanskrit Poets, Kalidasa and Adisankara. Kalidasa is the model for simple and sweet poetry. Kalidasa composed two great court epics and three dramas. "Abhijnanasakuntalam" is considered as the best specimen of Sanskrit drama. Adisankara, on the other hand, insisted on non-dualism.

There had been exchange of thoughts among the poets of Tamil and Sanskrit, without any bias. We find parallel thoughts in both these classical languages of India. India has continued to remain united, in spite of differences in clothing, practices and faiths. But the undercurrent of culture, Samskriti, has remained the same. Noble thoughts have influenced the people, irrespective of the language. The holy chants from the sacred texts have kept the people virtuous, he added.

Earlier, the Principal, **Dr. K. Anbarasu**, presided over the function. He recollected the services rendered by Swami Vivekananda, Mahatma Gandhi and other National Leaders in uniting the Indians on the basis of single culture. Both Sanskrit and Tamil are the Classical Languages of India, a rare combination. Nowhere in the world, have two languages remained the Classical Languages in a single country, he said.

Dr. V.R. Mathiazhagan, Professor in Charge of the Unaided Courses introduced Dr. Thiruppur Krishnan to the audience. He quoted from the writings of the day's speaker and identified the uniform ideas for virtuous living. He said that Dr. Thiruppur Krishnan practices what he preaches.

Dr.R.Sundhararaman, Controller of Examination, in his felicitation, recollected the efforts of the founders of the College. Earlier, **Dr. V.M. Ananthanarayanan**, the Associate Professor and Head of the Department of Sanskrit welcomed the gathering. **Dr. D. Prasanna Balaji**, Director and Head of the Department of Physical Education proposed a vote of thanks.

The Physics Golden Jubilee Endowment Lecture

The sixth Golden Jubilee Endowment Lecture VI) of the physics department was held on (Series 10.03.2016. Dr.R.Jagannathan, Former Vice-Chancellor, Mid- East University, Ras A1-Khaimah, UAE, delivered the lecture on Gravitational Waves and our Wonderful Universe. In his lecture, he noted the importance of gravitational waves in the evolution of earthly planets. He explained the observation of gravitational waves and how they might affect our universe. He pitched for students taking up astronomical research. He was candid in saying that the research work with respect to gravitational waves were quiet early and asked the students to still learn about these waves. In his lecture he covered topics like black holes, evolution of earth and big bang theory. He also explained the importance of various theories on evolution of universe. He correlated these with gravitational waves.



Earlier Dr. K.Anbarasu, Principal, in his presidential address encouraged the students to take up research in their career. He also highlighted the importance of higher education for the society.

Dr. S. Pari, Head, Department of Physics, welcomed the gathering. Dr. R. Ramasamy Assistant Professor of Physics, proposed a vote of thanks.

Prof. S. Thothadri Iyengar Memorial Endowment Lecture

Prof. S. Thothadri Iyengar Endowment Lecture was held on 11.03.2016. Swami Murugananda Saraswathi, Managing Trustee, Arunachala Unique Mountain Trust delivered the lecture on the topic Chicago Address: an Impact. In his speech Swamiji highlighted how the Chicago address left a remarkable impact in the minds of the people globally. Swami Vivekananda in his Chicago address had crossed all the barriers regarding race, colour, creed and language. The opening words of the address "Sisters and brothers of America" produced a scintillating effect in the conference and Created a good impression on the secular India. The Chief Guest apart from explaining the philosophical and social angles of the Chicago address also commented on Swami Vivekananda's language skills in putting across the ideas. He also stressed the point



that language is an effective tool to express the even complex ideas in simple words. Dr. K. Anbarasu, Principal presided over the function. Dr. K. Srinivasan, Associate Professor, Department of English, proposed a vote of thanks.

Principal Saranathan Memorial Endowment Lecture

Dr. Swarnalatha Rangarajan, Professor of English, Department of Humanities and Social Sciences, Indian Institute of Technology, Madras delivered the fifth lecture in the series on the topic The Econtological Literary Imperative on the 14th of March 2016, at our College. Speaking on the connection between



literature and environment, she said, the writers of the present century cannot remain inured to the developments in the world around them. Both the creative and the critical writing on environment must be worthy of the deeper commitments as the thinking itself has changed from mechanistic to system thinking. And the art of story-telling is seen today not as a hyper intellectual game. She said, "The conventional self focuses on identity and agency and the instincts are oriented towards self-preservation; whereas the ecological self recognizes its position in nature and concentrates on survival and sustainment of all life forms." She quoted the Buddhist monk Thich Nhat Hanh who famously remarked, "If everything is interrelated, nothing has its own self-contained existence." She talked of human beings evolving into interbeings, that is, people being citizens of both the world of culture and of nature.

The world which we live in is a victim of slow poisoning and slow violence, but such a world should not be the inheritance of future generations. Explaining the Greek word "oikos" which means one's home, she said, we have to extend the idea to the moribund planet and regard it as our home. When this abstraction gives way to understanding, humanity can realize its difference and specificity. Finally, she pointed out the free narrative spaces that are available before us and even a simple dictum like "Listen to the birds sing" is loaded with meaning and expressive of moral imperative. The idea of eco-cosmopolitanism that is sweeping the world makes us conscious of our reality, that is, biodiversity. It also reminds us of our responsibility towards our own biome and biota. She quoted many haiku poems and introduced the audience to many seminal texts that have laid the foundation for ecocritical thinking.

Earlier Dr. V.Srividhya, Assistant Professor of English, welcomed the gathering. Dr. R. Elavarasu, Head of the Department of English, proposed a vote of thanks.

முனைவர் கு. இராசரத்தினம் அறக்கட்டளைச் சொற்பொழிவு

திருச்சிராப்பள்ளி தேசியக்கல்லூரியின் மேனாள் தமிழ்த்துறைத் தலைவர் முனைவர் கு. இராசரத்தினம் அறக்கட்டளைச் சொற்பொழிவு 15.03.2016 அன்று நடைபெற்றது. தமிழ்த்துறைத் தலைவர் முனைவர் ச. ஈஸ்வரன் சொற்பொழிவிற்கு வந்திருந்த அனைவரையும் வரவேற்றார்.

கனவுகள் கைவசம் என்னும் பொருளில் **நாமக்கல்** அண்ணா கலைக்கல்லூரிப் அரசு பேராசிரியர் அறிஞர் பரமேஸ்வரன் சொந்பொழிவினை முனைவர் அரசு நிகழ்த்தினார். அவர் தமது உரையில், நாட்டில் பலர் குடியரசு சிலர் மட்டுமே தலைவர்களாக இருந்தாலும் நிற்பவர்கள். அவர்களிலும் குழந்தைகள் முதல் பெரியவர்கள் வரை அனைவர் மனதிலும் நிற்பவர் அப்துல் கலாம் அவர்கள். அவர் அனைவர் மனதிலும் இடம்பெறக் காரணம் கனவுகளைக் கைவசமாக்கியதுதான் என்றார். மார்ட்டின் லூதர் கிங் அவர்கள்



தன்னை ஒருவன் காலணியால் எறிந்த போதும் அதனை அவமானமாகக் கருதி சோர்ந்து விடாமல் அவனுக்கு உரிய பதில் அளித்து வெற்றி கண்டவர். கனவுகளைக் கைவசமாக்குவதற்கு நம்பிக்கையினை முதலில் கைவசமாக்க வேண்டும். ஒருவன் தான் கொண்டிருக்கும் நம்பிக்கையில் எவ்வாறு ஆழ்ந்த ஈடுபாட்டுடன் இருக்கின்றானோ அவ்வாறுதான்

அவன் வெற்றியடைவான். மாணவப் பருவத்தில் பல்வேறு தடைகள் வரும் குடும்பச்சூழல், சமூகச் சூழல், பதின் பருவ மாற்றங்கள் என்று எண்ணந்ந கடைகள் வந்தாலும் அத்தடைகளை எதிர் கொள்ளும் மனப்பக் குவம் கொண்டவர்களாய் மாணவர்கள் தம்மை மாற்றிக்கொள்ள வேண்டும். அப்போதுதான் கனவுகள் வசமாகும் என்றுரைத்தார். நிகழ்ச்சிக்கு வந்திருந்த அனைவருக்கும் முனைவர் ஆனந்தவேல் நன்றி கூறினார்.

பேராசிரியர் **M.S**. வேங்கடராமையர் அறக்கட்டளைச் சொற்பொழிவு

நமது கல்லூரியின் வரலாந்றுத்துறை பேராசிரியர் M.S. வேங்கடராமையர் அறக்கட்டளையின் முதற் சொற்பொழிவு 21.03.2016 அன்று நடைபெற்றது. கூட்டத்திற்கு அனைவரையும் வரலாற்றுத்துறைத் பேராசிரியர். கைலாசம் வரவேற்றதோடு, சிறப்புச் சொற்பொழிவாளரை அவைக்கு அறிமுகப்படுத்தினார். கல்லூரி முதல்வர் முனைவர் கு. அன்பரசு கூட்டத்திற்கு முன்னிலை வகித்தார். **பாரதிய இதிகாச சங்கலன சமிதியின் தென்னிந்திய** நிறுவனச் செயலர் T.V. ரெங்கராஜன் அரக்கட்டளைச் சொற்பொழிவாற்றினார்.



நமது பாரத தேசத்தில் மக்களிடம் மூடத்தனம், தாழ்வு மனப்பான்மை பிற்போக்குத்தனம், முதலியன மண்டிக்கிடக்கின்றன. விடுபடுமோ இவை என்று அன்று உலகில் உன்னத நாடாக இந்தியா அங்கீகரிக்கப்படும் என்பது இன்று எதற்கெடுத்தாலும் உறுதி. வெளிநாட்டார் வெளிநாட்டில் பெருமையையே பேசுகின்றோம். படிப்பது, பணியாற்றுவது உயர்வு என்றும் எல்லா வளமும் நிறைந்த நாடு அமெரிக்கா என் றும் தவநாகவே நினைத் துக் கொண்டிருக்கிறோம்.

பல ஆயிரம் ஆண்டுகளுக்கு முன்னர் உலகிற்கே அனைத்தையும் கற்பித்த நாடு பாரதநாடு, இதனை இங்கு வந்த அறிவியல் அறிஞர்கள், ஆன் நோர் களே ஏற்றுக் கொண்டுள்ளனர். ஆனால் நாம்தான் அதனை அறியாமல் இருக்கின்றோம். குறிப்பாக சமஸ்கிருதத்தை முறையாகக் கற்றுக் கொண்டு அனைத்தையும் படித்தால் உலகில் அறிவியல், வானவியல் முதலிய அனைத்துத் துறைகளிலும் உலகிற்கே வழிகாட்டியாக நாம் நிகழ முடியும் என்பது உறுதி. அமெரிக்க கலிபோர்னியா பல்கலைக்கழகத் **தாவரவியல்** துறைத்தலைவர் பேக்டர்கரோலினா என்பவர் இந்தியா வந்து சென்ற பின்னர் தாவரங்கள் நாம் தொடர்ந்து பேசும் ஒலியால் அந்தத் தாவரங்களின் வளர்ச்சியில் மாற்றங்களை நிகழ்த்திக்

காட்ட முடியும் என்பதை ஆய்வின் வழி உறுதிப்படுத்தினார். இதுனை ரோஜாச் செடியிடம் 76 நாட்கள் தொடர்ந்து பேசி முள்ளில்லாத ரோஜாக் கிளைகளை வளரச் செய்து நிரூபித்தார். நம்முடைய எண்ணங்கள் நம்முடைய உடலிலிருந்து அதிர்வலைகளை ஏந்படுத்துகின்றன. щi சிந்தனைகளை எப்படி வைத்திருக்க வேண்டும் என்பதை மிகத் தெளிவாக நம் முன்னோர் விளக்கிக் கூறியுள்ளனர். இதுவே மெக்காலே, இதற்கான காரணம் என்றார். மேக்ஸ்முல்லர் ஆகியோர் இந்தியக் கல்வி (முறையை வெகுவாகப் விலக்கிவிட்டு பாராட்டியும், நாம் அதனை (முழுமையாக ஆங்கிலக் கல்விமுறையை வைத்துக் கொண்டு திண்டாடிக் கொண்டிருக்கிரோம். நாம் நாமாக இருப்பதற்கு மிகப் பெருமைப்பட்டுக் கொள்ள வேண்டும், ஆனால் நாம் வெட்கப்படுகிறோம்.

உலகிலுள்ள நாடுகள் அதன் பண்பாடும் உயர்ந்தது என்று கூறுவதில் பலர் பெருமைப்படுகின்றனர். இப்படித் தவறாகப் பேசியே நம்மை நம்பச் செய்து விட்டனர். எரிக்வான் டெங்கின் என்பவர் குருட்சேத்திரப் போரில் பயன்படுத்தப்பட்ட உத்திகளை ஆராய்ந்து பல்லாயிரம் ஆண்டுகட்கு முன்னரே அணு போரில் பயன்படுத்தப்பட்டதை உறுதி செய்துள்ளார். மேலும் இன்றைய அறிவியல் போர்க்கருவிகளுக்கான அனைத்து உத்திகளும் வேத காலத்தில் பயன்படுத்தப்பட்டது என்று விரைவில் ஆய்வாளர்கள் நிரூபிப்பர்.

நாத்திகவாதம் கூட இந்தியாவில் மிகப் பழங்காலத்திலேயே நிலைநிறுத்தப்பட்டது. உலகிலேயே முதல் பல்கலைக்கழகம் தட்சசீலத்தில் 2,700 ஆண்டுகளுக்கு முன்னர் நிறுவப்பட்டது. இதில் 72 பாடப்பிரிவுகள், 2,000 ஆசிரியர்கள், 10,200 மாணவர்கள், 46,000 நூல்கள் இருந்தன என்பதற்குச் சான்றுகள் உள்ளன. எப்படிப்பட்ட வாழ்க்கை முறை இருந்த நாடு இன்று எப்படிப்பட்ட வாழ்க்கை முறைக்கு மாறியுள்ளது என்பதை நினைத்தால் மிகுந்த வேதனைதான் மிஞ்சும். ரிஷி என்பது அறிவியல் அறிஞரைக் குறிப்பது.

பரத்வாஜ மகரிஷி என்பவரது படைப்புகள் அறிவியல் அனைத்தும் சாத்திரங்களாகவே இன்று மதிக்கப்படுகின்றன. சமுத்திரம் என்பதைக் என்றே பொருள் கொண்டு அலைகடலென மக்கள் திரண்டனர் எனச் சுட்டுகின்றனர். சமுத்திரம் என்பது ஒன்றுடன் ஐம்பது பூஜ்யங்களைக் கொண்ட எண்ணைக் குறிப்பது. சமஸ்கிருதத்தில் ஒன்றுக்குப்பின்னர் ஒரு பூஜ்யம் தொடங்கி அறுபத்திரண்டு பூஜ்யங்கள் வரை போட்டு அதற்குப் பெயரும் மதிப்பும் கூறியுள்ளனர். சில்பி என்பதைச் சிற்பி என்றே கூறுகின்றோம்.

சிற்பி என்பவர் கற்சிலை வல்லுநர். சில்பி என்பது பொறியாளரைக் குறிப்பது. சில்ப சாஸ்திரம் என்பது பொறியியல் தொழில்நுட்பம் ஆகும். எனவே தவநாக சமஸ்கிருதத்தை ஒதுக்கியதால், புறக்கணிப்பதால் நமது மரபை, நமது முன்னோரின் சொத்துக்களை இழக்கின்றோம். இதனையே அந்நியன் தனது திறமையாக்கிக் கொள்கின்றான். எனவே பல்லாயிரமாண்டு பெருமையினை மீட்க, உண்மையான பாரதத்தை மீட்டெடுக்க, உலகு புகழ் தேசமாகத் திகழ நமது முன்னோர் சொன்னவைகளை முதலில் பிழையற அறிந்து உயர்வோம் கொள்வோம், ฤ๗ பொங்க உணர்ச்சி நகைச்சுவையுடன் குறிப்பிட்டார். நிறைவாக பேரா. பரிமளசேகர் வந்திருந்த அனைவருக்கும் நன்றி கூறினார்.

Dr.C.Rangarajan Endowment Lecture

The Department of Economics organized Dr.C.Rangarajan Endowment Lecture III on 01.04.2016. Shri.M.R.Venkatesh, a leading Charted Accountant delivered a lecture on Globalisation and its impact in India. He said that there was no clear understanding of the



concept of 'Globalisation'. He stressed the fact that more research was needed on what was Globalisation and its impact on the global economics. He pointed out that globalization takes place in three forms English as a specialized language, Dollar as a global currency and cutting edge technology. He said that American Dollar occupies a predominant place in the World because America is funded by China for what it is today. Indian culture is different from American culture. India's family system is very strong, especially Indian Women who play a decisive role in family management which includes Savings and Invesment. India stands on four pillars viz., production, Consumption, Savings and Investment. Earlier Dr.K.Anbarasu, the principal of the college welcomed the gathering. Dr.N.Ranganayaki, Assistant professor in Economics introduced the Guest speaker to the audience. Dr.V.R.Mathiazhagan, Associate professor of Economics & Professor-in-charge proposed a vote of thanks. Faculty members from different departments, from neighboring colleges, many distinguished personalities from different walks of life and hundreds of students attended the lecture.

Sri Ramanujan Endowment Lecture

Sri Ramanujan Endowment lecture II was organised by the Department of Mathematics of our College on 7th April 2016. Dr.R.Sridharan, Adjunct Professor, Chennai Mathematical Institute, Chennai was the chief guest. He spoke on the topic From the hippopede of Eudoxus to the mock theta function of Ramanujan. In his talk he emphasized the history of Mathematics from Greece to India and the miracle of theta function. Considering the equation of the lemniscates and defining the Ramanujan theta function which is very close to Dedekind Eta function, he explains in detail the methods of solving and its applications. He explained how it generalizes the Jacobi functions.



Principal Dr.K.Anbarasu presided. Dr. Manju Somanath welcomed the gathering. Dr.A.Vijayasankar introduced the chief guest to the audience. Prof.K.Srividhya proposed the vote of thanks.

Conferences/Seminars/Workshops

A Two Day National Conference on Translation as New Writing and Discovery

The Department of English conducted a two day National Conference on Translation as New Writing and Discovery between January 07and 08, 2016. **Dr. G. Bhaskaran, Vice-Chancellor, Tamil University,** in his



inaugural address spoke on **The significance of Thirukkural** which was translated into 35 world languages and now in Chinese language. The translated version of the Kural inculcates our cultural heritage and human values which suit to all ages and countries. Writers make national literature and translators make universal literature. Without translation we would not have known our ancient culture and



he cited Salman Rushidie "something should be lost and something should be gained while one translates the Source language Text". So translation is perceived as new writing.

Dr. T.N. Ramachandran, in his key-note address traced the ancient vedic literature and vedic language. The language of Vedas is not in Sanskrit but in vedic language. Sanskrit was not a spoken language in those days but prakrit. During Milton and Johnson's period, there was no grammar book and dictionary. They both prepared them. According to Dr. Ambedkar Aryan is not a race. Thirukkural is considered as "Neethi Sastra".

One Day Seminar on HRM in Banking

The Department of Commerce organized a one day seminar on **Changes and Challenge** on 11th February, 2016 jointly with Karur Vysya Bank, Karur. **Mr. J. Natarajan, General Manager (HRD), KVB** in his inaugural address emphasized the need for humane approach to be followed



when dealing with customers in banks. In the technical session Mr. N. Srinivasavalavan, Vice President of Royal Bank of Scotland highlighted the HR practices adopted in banks.



In Technical session II, **Mr. R. Vasudevan, MD of Hot Chips,** narrated the story of young entrepreneurs in business by citing his own case. Dr. R. Srinivasan gave the Presidential address. Dr. R. Narayanasamy welcomed the gathering. The valedictory address was given by Dr. S. Ramanath. Dr. M. Sharmila, Vice President of the Commerce Association proposed a vote of thanks.

தேசியக் கருத்தரங்கம்

திருச்சிராப்பள்ளி தேசியக்கல்லூரியின் தமிழ்த்துறை பல்கலைக்கழக தன்னாட்சி நிதியுதவியில் நடத்திய தேசியக் கருத்தரங்கம் 12.02.2016 அன்று நடைபெற்றது. தொடக்க விழாவிற்கு வந்திருந்தவர்களைத் துரைத்தலைவரும் ஒருங்கிணைப்பாளருமான முனைவர் கருத்தரங்க ஈஸ்வரன் வரவேற்றார். நிகழ்ச்சிக்குத் தலைமையேற்ற கல்லூரி முதல்வர் அன்பரசு உரையில் முனைவர் தமது உயர் நிறுவனங்களில் கற்றல், கற்பித்தல் என்பவற்றிற்கு மேலாக இன்று ஆராய்ச்சி மிகவும் இன்றியமையாததாகக் போன்ற கருதப்படுகிறது. எனவே இது கருத்தரங்க செயல்பாடுகளை மாணவர்கள் கொள்ள பயன்படுத்திக் வேண்டும் என்றார். மேலும் தமது பதவியில் மேலாண்மைச் சிந்தனைகள் தேவையாகிறது என்பதையும் அதனைத் திருக்குறள், நீதிநெறிவிளக்கப் பாடல்கள் வழிநின்று நிறைவேற்றுவதையும் குறிப்பிட்டார்.

தமிழ்ப்பல்கலைக்கழக முன்னாள் துணைவேந்தர் முனைவர் திருமலை கருத்தரங்கினைத் தொடங்கி வைத்து சிறப்புரையாற்றினார். அவர் மற்றவருடைய திறமையை வெளிக்கொணர் வதும், மற்றவருக்கு உரிமைகள் வழங்குவதுமே மேலாண்மையின் முதற்படி. மேலும் ஒருவரை மகிழ்விக்கும் முறையில் பணிசெய்ய வைப்பதும் ஒரு உத்தி என்றார். எதிர்மறை எண்ணங்கள் இன்றி வாழ்ந்தால் மனிதன்



வெற்றியை நுகரலாம் என்பதையும் எடுத்துரைத்தார். திருக்குறள், சங்க இலக்கியங்களில் பல சான்றுகளைச் சுட்டி விளக்கினார். மேலும் காவியமாக மட்டும் பாராமல் மேலாண்மை நோக்கில் பார்த்தால் எண்ணற்ற சிந்தனைகளும் சான்றுகளும் கொட்டிக் கிடப்பது பதவிக்காலத்தில் புலப்படும் என்றார். தமது எவ்வாறு மேலாண்மை செய்து வெற்றி பெற முடிந்தது என்பதையும் விரிவாக எடுத்துரைத்தார்.

144 ஆய்வுக்கட்டுரைகள் அடங்கிய கருத்தரங்க ஆய்வுக்கோவையை வெளியிடக் முனைவர் திருமலை கல்லூரிச் செயலர் திரு ரகுநாதன் பெற்றுக்கொண்டார். (ழதன்மையர் பேரா. சந்திரசேகர் கலைப்புல வாழ்த்துரை வழங்கினார். நிறைவாக பேரா. S. திருமாவளவன் நன்றி கூறினார். பின்னர் கருத்தரங்க அமர்வுகள் தொடங்கின. ஆறு அமர்வுகளில் ஆய்வாளர்கள் தமது கட்டுரைகளை வழங்க விவாதங்கள் தொடர்ந்தன.

நிறைவு விழாவிற்கு வந்திருந்தோரை பேரா. மாணிக்கம் வரவேற்றார். கல்லூரித் தேர்வு நெறியாளர் முனைவர் சுந்தரராமன் தலைமை உரையாற்றினார். அறிவியல் புல முதன்மையர் முனைவர் நந்தகோபால் முன்னிலை வகித்தார். **கலை பண்பாட்டுத் துறை இணை இயக்குநர் குணசேகரன்** பங்கேற்பாளர்களுக்குச் சான்றிதழ் வழங்கி நிறைவுரையாற்றினார். கருத்தரங்கம் வெற்றிகரமாக அமைய உதவிய அனைவருக்கும் நன்றி கூறினார் பேரா.சபாபதி.



Workshop-cum-Hands on Training on Bioprocess Technology

The PG & Research Department of Biotechnology organized a one day Workshop-cum-Hands on Training on **Bioprocess Technology** on 20th February 2016. Dr. M. N. Abubacker, Head of the Department, PG and Research Department of Biotechnology, presided and delivered the presidential address during the inauguration event. The workshop focused on providing hands on training on Sterilization process, handling of various fermentors, growth curve studies and enzyme estimation. About 15 participants



from 2 different colleges (Tagore Arts and Science college, Kanchi Mamunivar centre for PG studies; Puducherry) were present in the workshop. Dr. M. S. Mohamed Jaabir, and Dr. S. Senthil Kumar were the resource persons for the technical sessions. At NCIF, Dr. M. N. Abubacker and Ms. Kavitha, demonstrated the principle and applications of several advanced instruments. All the participants expressed their happiness over attending the workshop. The workshop concluded with the valedictory function and distribution of certificates to the participants on the final session of the workshop.

Workshop-cum-Hands on Training on Tools and Softwares in Bioinformatics

The PG & Research Department of Biotechnology, organized a one day Workshop-cum-Hands on Training on

Tools and Software in Bioinformatics on 5th March 2016. Dr.K.Anbarasu, Principal, presided over the meeting. The workshop focused on providing hands-on training on common tools and software used in bioinformatics. About 20 participants from 5 different colleges (Madras Christian College, Chennai; Prist University, Thanjavur, Indo American college, Thiruvannamalai; ADM College for women Nagapattinam; Adhiyamaan College of engineering, Hosur) were present in the workshop. Participants included College students, research scholars and teaching faculty members. Dr. S. Gurunathan, Assistant Professor, PG and Research Department of Biotechnology, was the resource person for the technical sessions. At NCIF, Dr. M. N. Abubacker and Ms. Kavitha, demonstrated the principle and applications of



several advanced instruments. All the participants expressed their happiness over attending the workshop. They suggested that the organizers conduct more such workshops in future to enable students and researchers to gain knowledge in applying bioinformatics tools for analyzing various biological data. The workshop concluded with the valedictory function and distribution of certificates to the participants on the final session of the workshop.

Workshop on Big Data Analytics

The PG Department of Computer Science, conducted a two day workshop on 22nd and 23rd March 2016. Dr. P.S.S. Akilashri, Head of the Department, welcomed the gathering.

Dr. G. Gopinath Ganapathy, Head & Chair, School of Computer Science, Engineering and Applications, Bharathidasan University, Trichy



inaugurated the workshop and delivered a lecture on the topic, **What is BigData? How much big is Bigdata?** "80 percentage of data was created only in the past two years. In future we should create space for Data storage. Just imagine, Facebook generates 500 TB of Data per minute", he said.

So we are in the Digital world. We should know how to manage the digital wastage and trash them. Bigdata consists of VVVs which denote Volume (Capacity of Data), Variety (Different form of Data) and Velocity (speed of data we are accessing).

BigData Analytics, in 6 degrees we can communicate with any person all over the world. In 2020, It should be 5.28 degree, In 2025, it will be just 4 degrees.

The First session was by **Mr. Dineshkumar Gandhi, M.Sc., M.Phil., (Ph.D) Head, R&D, Innovative Dynamic Technologies, Coimbatore.** He gave a Brief explanation of Cloud Computing and Big data analytics and its Tools.



In the Second session, He explained "various databases used for web servers such as neo 4J, Aadhar and Hands on session in Mongo DB". Dr. V.R. Mathiazhagan, Professor In-charge (UAP) felicitated the gathering and emphasized that the student ought to equip themselves with computer knowledge and to upgrade their knowledge regularly with the help of emerging technology.

Next day, the Session started with Big Data Tools and demonstrated how to work in Neo4J Tool, how to connect with PHP and developing Graphs.

The Final session completed with the explanation and working with "R Language concepts".

After completing the final session, the Resource person conducted a Competition based on the Workshop.

The Summary of Workshop was given by Dr. P.S.S. Akilashri. Head, Dept. of Computer Science, "Importance of Cloud and Big data tools, data bases used for Web server and R Language".

Dr.R.Sundhararaman, Controller of Examinations, delivered the valedictory address. He distributed the certificates to the participants and winners. The winners were Mr.M.Manikandan II BCA "B", P.Sowmiya I BCA(B), G.Sarath Kumar III CS 'B'. got the Certificate & Prizes" E.Bhuvaneshwari, II.M.Sc CS proposed a vote of thanks.

Association Meetings

Chemistry Association

The association meeting of the Department of Chemistry was conducted on 10th February, 2016. Dr. S. Sunitha, Associate Professor of Chemistry welcomed the gathering. The Chief Guest of the meeting **Dr. V. Alex Ramani, Associate Professor, Department of**



Chemistry, St. Joseph's College, Tiruchirapalli delivered a lecture on "The Chemical Techniques of Phytochemical Research."

The Chief Guest explained the extraction methods, separation, isolation and chemical study of the naturally occurring chemical substances as medicines like quinine (to treat malaria), atropine (to dilate eye), morphine (sedative) and canthine (antiglycemic). He briefly explained GC-MS analysis, chromatographic separation, qualitative analysis, spectroscopic analysis like UV-VIS, IR, NMR and Mass spectra of cinnamic acid. Miss. P. Dhanalakshmi, II PG Chemistry proposed a Vote of Thanks.

Careers in Chemistry and RSC Student's Chapter Project

Royal Society of Chemistry (RSC) is the World's leading chemists organization. The student's chapter of RSC was started for the first time in India at National College, Tiruchirappalli on 19th January 2016. The chief guest for the function was **Dr. Abhiram Prabhu, Member Relation, RSC**. He delivered a lecture on **Careers in Chemistry**. He introduced the RSC student's chapter and explained to the students how the functioning of this chapter would enable the students to enter in to the world of chemical community worldwide.

He explained how chemistry involved in all walks of life and the prospects that are awaiting the student community in future. He invited all the students who are interested in doing research to enrol themselves as the members of this chapter. The function was organized by Dr. M. Murali, Assistant professor. Earlier Dr. K. Lashmanan, Head of the Department, welcomed the gathering. A Vote of thanks was delivered by Dr. M. Murali, the Coordinator of the student's chapter.

Commerce Association (UAP)

A meeting of the Commerce Association (Unaided Programme) was held on 11.03.2016. The welcome address was given by Prof.R.Jayaraman, Head of the Department of Commerce. Dr.V.R.Mathiazhagan professor In-charge, presided over the function. In his talk he told the audience that he viewed the Budget-2016 under 3 perspectives namely Social, Political and Economical. Dr. R. Ramachandran, retired professor, offered his facilitation. The Chief Guest Mr. K.K. Srinivasan, FCA, a leading Senior Auditor who has been practicing for more than 50 years, delivered an inspiring talk on the topic **Budget-2016**.



The Highlights of the speech:-

- (a) Slab rates of income-tax are not changed. It is same as it was in the financial year 2015-16.
- (b) Education Cess & SHEC : same as it was in the financial year 2015-16.
- (C) Rebate under Sec 87A : With the objective of providing relief to resident individuals in the lower income slab i.e. total income not exceeding Rs. 5,00,000, section 87A is proposed to be amended so as to increase the maximum amount of rebate available from existing limit of Rs.2,000 to Rs.5,000.
- (d) Maximum limit of deduction under section 80GG increased:- The maximum limit of deduction under section 80GG, in respect of rent paid by individuals who do not get any house rent allowance from the employer and who do not own any house, proposed to be increased from Rs. 2,000 p.m to Rs. 5,000 p.m.
- (e) Presumptive taxation:- Increase in threshold limit for persons other than companies /LLP having income from business opting presumptive taxation under Section 44AD In order to reduce the compliance burden of the small tax payers and facilitate the ease of doing business, the threshold limit for availing the benefit of presumptive taxation scheme proposed to be increased from Rs. 1 crore to Rs. 2 crore, in respect of eligible businesses. The threshold limit proposed to be increased to bring relief to a large number of assesses in the Micro Small and Medium Enterprises (MSME)
- (F) Presumptive taxation scheme extended to professionals: In order to rationalize the presumptive

taxation scheme and to reduce the compliance burden of the small tax payers having income from profession and to facilitate the ease of doing business, the presumptive taxation regime proposed to be extended to professionals having gross receipts not exceeding Rs. 50 lakhs in the previous year at a sum equal to 50% of such gross receipts.

(g) Threshold limit increased for tax audit for persons having professional Income:-

The threshold limit for tax audit under section 44AB, for getting accounts audited proposed to be increased from Rs. 25 lakhs to Rs. 50 lakhs, in case of persons carrying on profession.

(h) Additional deduction of interest to "first home buyers": In furtherance of the goal of the Government of providing 'housing for all, it is proposed to incentivize first-home buyers availing home loans, by providing additional deduction of Rs. 50,000 in respect of interest on loan taken for residential house property from any financial institution.

This incentive is proposed to be available to a house property of a value less than Rs. 50 lakhs in respect of which a loan of an amount not exceeding Rs. 35 lakhs has been sanctioned during the Financial Year 2016-17. Further, this benefit proposed to be extended till the repayment of loan continues.

- (i) Gross Dividend would be taxable in the hands of recipients: The income by way of gross dividend, to be chargeable to tax in the case of an individual, Hindu undivided family (HUF) or a firm, who is resident in India @ 10%, if the same is in excess of Rs. 10 lakh
- (j) Rate of surcharge increased from 12% to 15%: The surcharge rate to be raised from 12% to 15% on persons, other than companies, firms and cooperative societies having income above Rs. 1 crore.
- (k) Tax Collection at Sources:- Scope of TCS expanded to include sale of luxury cars and other goods and services: In order to reduce the quantum of cash transaction in sale of any goods and services and for curbing the flow of unaccounted money in the trading system and to bring high value transactions within the tax net, it is proposed to provide that the seller shall collect the tax @1% from the purchaser on sale of motor vehicle of the value exceeding Rs. 10 lakhs and sale in cash of any goods (other than bullion and jewellery), or providing of any services (other than payments on which tax is deducted at source under Chapter XVI I-B) exceeding Rs. 2 lakhs.

Penalty leviable for concealment of income rationalized: The entire scheme of penalty proposed to be modified by providing different categories of misdemeanor with graded penalty and thereby substantially reducing the discretionary power of the tax officers. The penalty rates will now be 50% of tax in case of underreporting of income and 200% of tax where there is misreporting of facts. Tax on black money declared would be 30 per cent plus 7.5 per cent penalty and 7.5 per cent surcharge Mr. B. Sudharshan of III B.com proposed a vote of thanks.

Economics Association

Economics Association Meeting was held on 16.02.2016. Principal Dr. K. Anbarasu presided over the meeting. Dr.D.Srinivasan HOD of Economics welcomed the gathering.Dr.D.Kumar, Associate Professor in Economics, JMC, Trichy delivered a special lecture on Urban Economic Issues. In his speech he remarked that



providing of infrastructure to urban areas was the direct impact of urbanization. Mr. J. Tamilarasan II M.A Economics proposed a vote of thanks.

The valedictory function of Economics Association was held on 07.03.2016. Principal K.Anbarasu presided over the meeting. Dr.D.Srinivasan HOD of Economics welcomed the gathering. Sri.R.Narayanan, Chief Manager, Indian Bank, Srirangam delivered the Valedictory address on Banking Scenario Financial Inclusion. He pointed out that the need to have Financial Inclusion arises on account of



a large section of Indian population remaining unbanked even after 65 years of Independence. This malaise has led to generation of Financial instability and pauperism among the lower income groups who do not have access to financial products and services. However, in recent year both the Government and RBI have been pushing the concept and idea of financial inclusion. Financial inclusion is the delivery of financial services at affordable costs to vast sections of the disadvantaged and low income groups. This assures upliftment to disadvantaged groups. Mr.E.Thangapandian, II MA Economics, proposed a vote of thanks.

The English Literary Association

The English Literary Association held a special meeting on 17.12.2015. Dr. S. Senthilnathan, Assistant Professor, Department of Educational Technology, Bharathidasan University, Tiruchirappalli, was invited to give a guest lecture on the topic Technology Enhanced Language Learning. Speaking on the occasion, quoting Marc Prensky, he said, "Most of us have become digital natives and digital immigrants." He added that students and scholars across the globe relied nowadays heavily on nonprint learning resources to enhance their knowledge. Describing the present generation as net generation and electronic communicators, he observed that their learning required digital age pedagogy. He pointed out the thriving Online Learning Communities (OLC) and the shifting learning environments. He told the students, "We shape our technology first and then the technology shapes us. We can't underestimate the human experience in wi-fi hotspots. Learning has become interactive, participatory, engaging and



involving. One should do today's job with today's tools. Computers, mobile phones and touch boards in smart classrooms are the new educational tools. We have even perfected the digital lingo. Applying the available digital age technology has made the learning process dynamic and the visual generation has a definite edge over the verbal generation which found the learning process static with the emphasis only on reading and writing. The new generation of learners is techno savvy and very comfortable with multitasking and living in parallel worlds. Technology has made learning visual, auditory and kinaesthetic. The information flow is also at a faster pace and the notion of 'flipped classroom' has come to stay." At the end of the lecture, Dr. S. Senthilnathan took the students on a virtual tour and introduced them to "Must Visit Web Portals for the ELT Professionals of the Digital Age" and "Web 2.0 Technologies for Teaching, Learning and Testing". The lecture meet was presided over by Dr. S. Ramnath, Principal-in-Charge. He paid rich compliments to the department for arranging such lectures of relevance and great usefulness to the learners. Dr. R. Elavarasu, Head of the Department of English, welcomed the gathering. Ms. Muthunagai, a student of I M.A. (English) proposed a vote of thanks. Dr. D.E. Benet, Vice-President of the Association had organized the programme.

The English Literary Association organized a special lecture on the 2nd of February 2016. **Dr. (Ms.) Yan Gong, Chair, School of English and International Studies, Beijing Foreign Studies University, Beijing, China,** spoke on **English Language Teaching in China.** She was



on a lecture tour in India and visiting colleges of repute in South India as part of her itinerary. During the lecture, she told the audience that Mandarin was widely used in China for all purposes of communication. However, English had been taught in colleges and universities, especially for those who sought education abroad and chose career in foreign offices and diplomatic missions. Her job was to train such students within a time frame and the pressure was to teach contemporary English. She said, "English today has a global reach because of the communication facilities and the internet.

It is also the most preferred language of translation. News on all subjects from all nations finds ready translation into English. And those who seek information about various nations, cultures or simply about events or happenings have to turn to English for understanding and reporting. Students from China show a greater degree of interest in English language in recent times as they prefer Western higher education.

Moreover, English has proved itself to be the source language for augmenting one's knowledge. So there is pressure on students to master the language in order to understand books written in English and other knowledge resources available in English. Unlike in India, where English is taught as second language, in China it is regarded as foreign languages.

In China, English has only been a language of trade for too long." Earlier, E. Nandhini of I M.A. (English) welcomed the gathering and introduced the speaker to the audience. Dr. R.Elavarasu, the Head of the Department of English, in his presidential address made a reference to the measures taken by the department of English to improve the standard of English of the students mostly drawn from villages and poor families. Ms. T. Sneha, a student of II B.A. (English) proposed a vote of thanks.

The Department of English (UAP) organized its Association special meeting on 22nd January 2016. Mr. Tamilselvam, II MA English, welcomed the gathering. The chief guest **Ms. Sheeba Princess, Assistant Professor,**

Department of English, Bishop Heber College, delivered a lecture on **Diasporic Writing**. She started with the definition of diasporic writing saying Diaspora refers to the dispersion of a people from their homeland. A simple definition of diaspora literature, then, would be works that are written by authors who live outside their native land. The term identifies a work's distinctive geographic origins. Later she spoke on the difference between on exile and diaspora. We could also draw a distinction between exile and diaspora to further define what diaspora literature is. The difference between exile and diaspora may lie in a book's attitude toward the homeland and toward the migration. Exile emphasizes the forced nature of the migration and the freshness of the experience of leaving the homeland; exile is not neutral and exiled peoples usually possess a singleminded desire to return to their homeland. Time is also a factor: the first exilic literature may have been written during the Babylonian exile of the sixth century B.C.E., when the experience and memory of it was still vivid. She concluded with references to diasporic writers and their work on diaspora. Dr. V.R. Mathiazhagan, Professor In Charge of unaided program of our college presided over the function and Dr. R. Elavarasu, Head, Department of English and Dr. T.G. Akila Head, Department of English, Unaided Program, felicitated and honored the chief guest. Vignesh, a student of I UG English proposed the vote of thanks. Prof. V. Ethina the Vice President of the Literary Association had organized the meeting.

History Association

"Continuous Preparation and the spirit to achieve are the hall marks to succeed in the UPSC Civil Service Examinations", said **Dr. A. Rajendran, Prof, & Head, Department of History, Bishop Heber College, Tiruchirapalli** in a lecture on **Civil Service examinations** at the Department of History in our College on 17.02.2016.



The students were informed of the fixed schedule of these examinations in three phases preliminary during August, main Exam during December every year and the interview during March the next year. The interactive session was very lively and the students found it to be very useful.

Earlier, Prof. P. Parimalasekar, Vice-President of History Association welcomed the gathering. Prof. S. Kailasam, Head, Department of History presided over the function. Selvi. R. Sathya, III B.A. History, proposed a vote of thanks.

Dr. A. Arokiasamy Xavier SJ, Prof and Head, Department of History, St. Joseph College, Trichy highlighted the Origin, Growth and Effects of Socio-Religious Movements in Tamil Nadu with particular



reference to Vaikunta Swamigal and Vallalar during the 19th century at the History Association Meeting held on 11th March, 2016 at the Department of History. The students were exposed to the historical background during 19th century Tamil Nadu and urged the students to uphold the values with which these movements were related. Earlier, Prof. P. Parimalasekar, Vice President of History Association welcomed the gathering. Prof. S. Kailasam, Head, Department of History presided over the function. Selvi. R. Sathya, III B.A. History, proposed a vote of thanks.

Mathematics Association

The Mathematics Association meeting was held on 10th March, 2016. **Dr. S. Balasubramanian, Associate Professor, PG and Research Department of Mathematics, Govt. Arts College, Karur** delivered a lecture on **A View on Topology**. He spoke on origin, genesis



and development of this branch of Mathematics including the different type of subsets, topological properties, structures like compactness, connectedness, separation axioms traditionally taught everywhere. Further he explained the various properties, structures using different types of open and closed sets from the research literature. He concluded his talk with a few applications and scope for further research in this broad area. Dr.D.Muthuramakrishnan, Associate Professor presided over the function. Ms.Y.Gandhimathi, II M.Sc. Mathematics welcomed the gathering. Dr. S. Sriram, Assistant Professor, proposed a vote of thanks.

Physics Association

The Physics Association conducted a Special Motivational Program on Indian Atomic Program and Its Job Opportunities on 4th February 2016. Dr.K.Anbarasu, Principal presided over the program. Dr.A.T.Ravichandran, Associate Professor of Physics welcomed the gathering. Shri.R.Kabali, Scientist Officer 'F', Strategic Planning and Human Resource Development Division, Resource Management Group, Indira Gandhi Centre for Atomic Research, Kalpakkam delivered the special motivational lecture.

Shri.R.Kabali explained about Indian Atomic Program and their various stages of development. He explained the various divisions that come under the Department of Atomic Energy, its various research avenues and the job opportunities for graduate and post graduate students of Physics, Chemistry, Botany, Bio-technology and



Geology. He discussed with the students the preparation for the process of selection and training. Finally, he encouraged the young students not to miss the forth coming opportunities. Mr.Vilvaraj, from IGCAR also participated in this program.

Dr.S.Pari, Head, Department of Physics, Dr. T.V.Sundar, Dr.S.Ravi, Dr.S.Kumaresan, Dr.S. Muruganantham and other faculty members from aided and unaided programme and 150 Post-Graduate students from many science departments actively participated in this program. Mr.Nandhabalaji of second year physics, delivered the vote of thanks.

The Physics association meeting of our College was held on 12.02.2016. Dr. P. Premchander, Head, Department of Electronics and Communication, Kamaraj Govt. Arts College, Surandai, Tirunelveli (Dt) spoke on Trends in Nano Science.

Earlier Dr. S. Pari, Head, Department of Physics Welcomed the audience and highlighted the importance of nano scale in present day medicine and Technological industry. In his special address Dr. P. Premchander defined the nanoscale and the importance of fabrication of nano-scale instruments.



He also highlighted the importance of nano materials in electronics. Student secretary Ms. Vinotha proposed a vote of thanks.

இயற்பியல் பேரவை விழா

நமது கல்லூரியின் இயற்பியல் துறையில் பேரவை விழா 23.03.2016 அன்று நடைபெற்றது. துறைத்தலைவர் முனைவர். ளு. பாரி விழாவிற்கு வந்திருந்த அனைவரையும் வரவேற்றார். நிகழ்ச்சி ஒருங்கிணைப்பாளர் முனைவர். ஆ. ஐய்யனார் விருந்தினரை அறிமுகப்படுத்தினார். கல்லூரியின் முதல்வர் முனைவர். க.அன்பரசு விழாவிற்கு தலைமையேற்றார். விழாவில் சிறப்புரையாற்றிய **முனைவர். சு.** ரமேஷ்பாபு அவர்கள் தனித்த படிகங்களின் வளர்ச்சி மற்றும் **பயன்பாடுகள்** என்ற தலைப்பில் பல்வேறு தகவல்களை எடுத்துரைத்தார். மேலும், தகவல் தொழில்நுட்பம், ஒளியியல்



போன்ற பல்வேறு துறைகளில் படிகங்களின் பயன்பாடுகள் குறித்து விளக்கினார். மேலும், அறிவியல் தின விழாவில் நடைபெற்ற நிகழ்ச்சிகளில் வெற்றி பெற்றவர்களுக்கு பரிசுகளையும் வழங்கினார்.

நிகழ்ச்சிகளை முதுகலை மாணவி செல்வி. வினோதா தொகுத்து வழங்கினார். முதுகலை மாணவர் ரஞ்சித்குமார் நன்றியுரை கூறினார். விழாவில் துறைப்பேராசிரியர்கள், பிறதுறைப் பேராசிரியர்கள், மாணவர்கள் மற்றும் ஆய்வாளர்கள் பங்கேற்று சிறப்பித்தனர்.

Thirty PG Physics Students from our College along with Mr.Sivakumar and Dr. A.T. Ravichandran took part in a field visit to Indira Gandhi Centre for Atomic Research and Crystal Growth Centre, Kalpakkam and SSN College of Engineering, Chennai. The group reached Kalpakkam

Township around 8.30 pm on 18-02-2016 and got accommodation in the senior hostel. Mr. Elangovan made the entire arrangements for our food and accommodation. They entered the main gate of IGCAR on 19.02.2016 at 9.30 AM, after security check the CISF permitted them to enter the premises of IGCAR. Mr. Elango was the guide during the entire visit.

Shri.R. Kabali, Scientific officer gave a Power Point demonstration about IGCAR, Kalpakkam and gave the plan for this visit. First they visited Material science group (MSG). There was an amazing apparatus structure in it. Mr.Sundravel explained the study and importance of material science. They learned the importance and application of materials research. And then they visited liquid nitrogen and helium plant lab at 11.30 am. Dr.Kumar explained many special aspects on liquid helium and Nitrogen plant.

Then they visited Fast Breeder Test Reactor (FBTR) control room. Dr.Seetha explained the control mechanism of FBTR. And there was steady state simulation setup of FBTR.



After lunch break we visited FBTR lab at 3 p.m. Mr. Manjunathan and Dr. Devi explained the features of FBTR. She gave the details about fuel, Sub assembly and fair diagram of FBTR. Next they visited Radiation safety Division (RSD). Dr. Madhiyarasu and Dr. Arul Anandkumar gave a lecture on **Safety Measurement**. Both are doing their research work on safety against the radiation.

Next day (20.02.2016), our student group went to crystal growth centre, SSN College of engineering. Dr.P.Ramasamy Dean of Research gave the introductory lecture. The students were divided into five groups. Each group had 6 students and visited the different laboratories by rotation.

Dr.Muthu Senthil Pandian and his research scholar explained the study features and importance of their research work. First the group visited single crystal growth lab. Mr.Arokiyadhas gave a lecture on this technique and Bridgeman technique facility.

Mr.Karuppasamy gave all the details about UV spectrum & FTIR analyses. Next they visited another lab which is used to find the physical and chemical properties of crystals. Mr. Anand explained the crystal growth methods and showed an animation video of crystal growth.

IGCAR is thanked for the permission to visit the facilities, Shri.R.Kabali, Shri.Elango, Dr. Sarangapani, scientific officer 'F' made all arrangements for the visit.

உ.வே.சா. பேரவை

நமது கல்லூரியின் தமிழாய்வுத் துறையில் உ.வே.சா. பேரவைத் துவக்கவிழா 10.12.2015 அன்று நடைபெற்றது. துறைத்தலைவர் முனைவர் ச. ஈஸ்வரன் விழாவிற்கு வந்திருந்த அனைவரையும் வரவேற்று விருந்தினரை அறிமுகப்படுத்தினார். கல்லூரியின் முதல்வர் முனைவர் கு. ஆன்பரசு விழாவிற்குத் தமது உரையில் மாணவர்கள் தலைமையேற்றார். அவர் தங்களின் சிந்தனைகளையும் அநிவையும் மேம்படுத்தும் நோக்கில் கல் லூரிகளிலிருந்தும் ப ல பல் கலைக் கழகங்களிலிருந்தும் அறிஞர்கள் அழைக்கப்படுகின்றனர் என்றார். மாணவர்கள் இத்தகைய திறமையையும் வளர்த்துக் உரைகளிலிருந்து அறிவையும், கொள்ள வேண்டுமென்றுரைத்தார்.

விழாவில் சிறப்புரையாற்றிய **திருக்குறள் பாலுசாமி** அவர்கள், திருக்குறளில் ஆழங்கால் பட்டவர். குடியரசு



தலைவரிடம் பரிசு பெற்றவர். அவர்தம் உரையில் திருவள்ளுவரின் பன்முக ஆற்றலை சுட்டிக்காட்டி ஆய்வுரை நிகழ்த்தினார். வள்ளுவம் வாழ்க்கைக்குத் துணைசெய்யும் பாங்கினை எடுத்துரைத்தார். திருக்குறள் உலக இலக்கியம் என்பது சாலப்பொருந்தும், ஏனெனில் ரஷ்யாவில் கிரெம்ளின் மாளிகையில் காலப்பெட்டகத்தில் பாதுகாக்கப்படுகிறது. அமெரிக்காவில் வெள்ளை மாளிகையில் மொழிபெயர்த்து எழுதிவைக்கப்பட்டுள்ளது என்றும் எடுத்துரைத்தார்.

எச்சமயத்தார்க்கும், எந்நாட்டவர்க்கும் பொருந்தும் கருத்துக்களை வள்ளுவர் எடுத்துரைத்துள்ளார் என்று கூறினார். ஒழுக்கமுடைமை என்ற அதிகாரத்தில் நல்லொழுக்கத்தையும் தீயொழுக்கத்தையும் பேசிய வள்ளுவர் நல்லொழுக்கம் தனித்தனியே இவைதான் இவைதான் தீயொழுக்கம் என்று பட்டியலிடவில்லை. ஏனெனில் சமூக ஒழுக்கம் குறித்த கண்ணோட்டம் காலத்திற்கு ஏற்றார் போன்று மாறக்கூடியவை என்றார். சில சொற்களும் காலத்திற்கேற்ப மாற்றி பொருள் கொள்ளக்கூடியவை என்பதை விளக்கிக் காட்டினார். அப்துல் கலாம் அவர்கள் அதிகம் உச்சரிக்கும் திருக்குறளாக 'வெள்ளத்தனைய மலர் நீட்டம்' என்று என்றார். தொடங்கும் குறள் இருந்துள்ளது கடவுள் மனிதனுக்குச் சொன்னது கீதை என்றும் மனிதன் கடவுளுக்குச் சொன்னது திருவாசகம் என்றும் மனிதன் மனிதனுக்குச் சொன்னது திருக்குறள் என்றும் கூறி தனது உரையை நிறைவு செய்கார்.

வாக்கிற்கு அருணகிரி

10.03.2016 அன்று நமது கல்லூரியில் தமிழ்த்துறை சார்பாக "வாக்கிற்கு அருணகிரி" என்ற இசைச் சொற்பொழிவு நடைபெற்றது. தமிழ்த்துறைத் தலைவர் சுயநிதிப்பிரிவு முனைவர்.சு.மாணிக்கவாசகம் வரவேற்புரை வழங்கினார். இந்நிகழ்ச்சியில் சிறப்பு விருந்தினராக சைவத் தமிழ் அறிஞர் சோதிடர் சைவ. இராமலிங்க சுவாமிகள் அவர்கள் கலந்து கொண்டு மாணவர்கள் மத்தியில் உரையாற்றுகையில்



பிறவித் தன்மையை அடைய வேண்டுமென்றால் பக்தியோடு வாழ வேண்டும்." பக்தி இலக்கியங்களைப் படித்து இன்புந்நு உண்மையான பேந்நினையும் அடைய வேண்டும். ஒவ்வொருவரும் சைவ சமயம் சார்ந்த கருத்துக்கள் உள்வாங்கி இறைவனை வழிபட வேண்டும் இறைப்பற்றினையும் எடுத்துரைத்தார். நிகழ்வில் தமிழ்த்துறை தலைவர் முனைவர். ளு. ஈஸ்வரன் அவர்கள் வாழ்த்துரை வழங்க, கல்லூரியின் சுயநிதிப் பிரிவின் பொறுப்பு பேராசிரியர் முனைவர். ஏ.சு. மதியழகன் அவர்கள் தலைமை தாங்கி உரை நிகழ்த்தினார். தமிழ்த் துறைப் பேராசிரியர் (முனைவர்.(மு.(முருகேசன் அவர்கள் அநி(முகவுரையாற்றினார். நிகழ்ச்சியின் நிறைவாக தமிழ்த்துறை பேராசிரியை முனைவர். க. புவனேஸ்வரி நன்றியுரை வழங்கினார்.

உ.வே.சா. பேரவை

கல்லூரி தமிழ்த்துறையின் உ.வே.சா நமது தமிழ்ப்பேரவை நிறைவுவிழா சிறப்புச் சொற்பொழிவு 16.03.2016 நடைபெற்றது. நிகழ்விற்கு வந்திருந்த அனைவரையும் மாணவி துளசி முதுகலை முதலாண்டு வரவேற்றார். நுகழ்ச்சிக்கு முன்னிலை வகித்த துறைத்தலைவர் முனைவர் ச. ஈஸ்வரன் சொற்பொழிவாளரை அவைக்கு அறிமுகம் செய்து வைத்தார். கல்லூரி முதல்வர் முனைவர் அன்பரசு நிகழ்ச்சிக்குத் தலைமையேற்றார். "இலக்கிய இன்பம்" என்னும் தலைப்பில் **கோவை பூ.சா.கோ. கலை அறிவியல்** கல்லூரி தலைவர் மா. கிருபாகரன் தமிழ்த்துறைத் முனைவர் சங்க சிறப்புரையாற்றினார். காலம் முதல் தமிழ் வாழ்விற்குத் இலக்கியங்களில் தேவையான அநங்கள் மொழியப்பட்டுள்ளன. மேலும் மனிதன் இன்பமாக வாழ பல



அநம் சார்ந்த வழிமுறைகளை இலக்கியங்களில் மொழிந்துள்ளனர். இதனையே இலக்கிய இன்பம் என்று வழங்குகிறோம். இச்செய்திகளில் நகைச்சுவை, கற்பனை, அழகுணர்ச்சி ஆகியன வேறெந்த மொழிகளிலும் இல்லாத அளவிற்குத் தமிழில் காணக்கிடைக்கின்றன. சிலேடை என்றும் உயர்வு நவிற்சி என்றும் இரட்டுறமொழிதல் என்றும் வஞ்சப்புகழ்ச்சி என்றும் பல பெயர்களில் இலக்கண ஆசிரியர்கள் இதனைக் காட்டியுள்ளனர். இச்செய்திகளை காப்பியங்கள் பிற இலக்கியங்கள் வழி சுவைபடத் தொகுத்து மொழிந்தார்.

மேலும் மதுரை ஸ்ரீ மீனாட்சி அரசினர் மகளிர் கல்லூரி தமிழ்த்துறை இணைப்பேராசிரியர் முனைவர் யாழ். சு. சந்திரா "ஊடக வாய்ப்புகள்" என்ற தலைப்பில் சொற்பொழிவாற்றினார். துமிழ் பயில்கின்ற மாணவர்களுக்குக் காட்சிப் புலம், அச்சு ஊடகம், ஆகிய துறைகளில் எண்ணற்ற வேலை வாய்ப்புகள் தோன்றியுள்ளன. அதற்கேற்ப மாணவர்கள் தங்களைத் தகுதிப் படுத்திக்கொள்ள வேண்டும் என்றும் அதற்குரிய புலமையினை வளர்த்துக்கொள்ள வேண்டும் என்றும் அறிவுறுத்தினார்.

பேரவை துணைத் தலைவர் பேரா. தி. இராமதாஸ் நிகழ்ச்சிகளை ஒருங்கிணைத்தார். நிறைவாக இளங்கலை மூன்றாமாண்டு மாணவர் சி. தனகோபால் அனைவருக்கும் நன்றி கூறினார்.

NACOTECH 2K16

2K16 (National College Technical

NACOTECH

Symposium) was conducted by PG Department of Computer Science on 29th February 2016 Dr.P.S.S. Akilashri, Head, Department of Computer Science, delivered the Welcome Address. The Presidential Address was given by Dr. K. Anbarasu, Principal. He wanted the students to improve their mathematical, analytical, and reasoning skills. Dr. V.R. Mathiazhagan, Professor-In-charge offered his felicitation. Dr. Shanmugavadivu, Head, Dept. of MCA., Gandhigramam University, Dindugal inaugurated the function. In her address, she said, "Computer Science department is highly volatile. We should prepare our mind for



learning new things day by day. Nowadays, we are not independent. We are in the hands of technology. We always mind our Mobile Phone and not the neighbours who are physically present".

She moved to the presentation on Big Data Analytics. "Big Data requires different approaches like techniques, tools and architecture. It generates value from the storage and processing of very large quantities of digital information that cannot be analyzed with traditional

computing techniques", she said. She explained the three types of Data storage like Structured, Semi- structured and Unstructured. Big data comes under this unstructured data storage. She also explained the difference between RDBMS and DBMS in the measures of storage, processing and scaling.

She gave an overview of the tools which are used in Big Data like Data models, Hadoop Distributed File System, HBase and Hive. She defined the tools like Map Reduce and Mango DB. She also explained the platforms and tools, databases, business Intelligence tools, Mining tools and File system programming language. Big data platform Hadoop runs java coding. So gain knowledge in the programming languages like c, c++ and java".

She also explained the Applications of Big Data in Smarter Healthcare, Air Traffic Control, Manufacturing, Telecom, Trading Analytics, Search Quality and so on. We can access our home appliances through our iPhone apps. So our life is blended with technology.

She used the quote," Your Attitude decides your Altitude". and concluded, "Be confident and face the future". Students were keenly listening to her talk. They gave a big applause after she completed her lecture.

The vote of thanks was given by Prof. S. Kiruthiga, Asst. Professor, Department of Computer Science.

In the Valedictory function held in the evening, the Welcome Address was given by Dr. V.R. Mathiazhagan, Prof. In-charge, Dr. R. Sundararaman, Controller of Examination, offered his falicitation.

Special invitee Mr.L.Bharatwajan, Associate with Top Flight Air Charted Company, Phillipines, delivered his lecture He said: "When I was small, I was fond of driving. I spent my weekends in Automobile Repairing Shop. I learnt some of the mechanical works also. I finished my +2, I got a seat in the Department of Computer Science at National College. After completing my degree, I applied for the Co-pilot course in phillipines, I got a positive reply from there and I finished my course there.

Now I am working as an Associate, Top flight Air Charted Company, Phillipines. Why I shared my life experience because I was not even good in Academics. But now I am in a good position. I only found my path and I worked on it and now I am here in front you all. So find your path and run in it." Students enjoyed his inspirational words.

Dr. K. Anbarasu, Principal, gave the valedictory address and distributed the Prizes. Various PG & UG Competitions (regarding Computer Science) like Debugging, Just in time, Technical quiz, Ad-Zap, Dump C and paper Presentation, Multimedia, Stress Management, were conducted. More than 120 competitors from 20 Colleges participated.

Srimad Andavan College, Trichy won the Over All Championship for UG and Sri Vengateshwara College of Computer Application and Management, Coimbatore won the Over All Championship for PG. Miss. K. Priya, II M.Sc. (CS) proposed a vote of thanks.

NACOMAT 2K16

Bishop Heber College (Shift -2) bagged the overall championship at NACOMAT-2016, a State-level intercollegiate Competition, organized by the Post Graduate Department of Mathematics (UAP), in our College. Ten Colleges took part. Dr. K. Anbarasu, Principal of our College and Mr. A. Ramesh Babu, Head, MCA, Department, Saranathan College of Engineering, spoke at the inaugural. Events such as math terminology, math model



were conducted. **N. Ramanujam, Honorary Professor, Department of Mathematics, Bharathidasan University**gave away the prizes in the presence of Dr. R.
Sundhararaman, Controller of Examinations of our College.

NCC

Blood Donation Camp

The 3 (TN) Air Sqn (Tech) NCC Flight of our College organized a Blood Donation Camp on 18th December, 2015 at the College. The Principal of the College Dr. K. Anbarasu, Presided over the Camp. He highlighted the importance of blood and emphasized the need for blood donation which saves valuable human lives. Mr. T. Baskaran, Additional Superintendent of Police, Tiruchirapalli District



inaugurated the Camp. He appreciated the humane approach and service motto of NCC Cadets.

He urged the Cadets to be proactive and dedicated in rendering social service. As NCC Cadets they should come forward and do their best for the welfare of the society, he said. Sqn. Ldr. R. Sundhararaman, welcomed the gathering. Flight Cadet Ms. Sahanadevi proposed a vote of thanks. NCC (Airwing) Cadets, students, Indian Air Force soldiers and Professors of the College donated blood totaling 75 units.

Releasing Of Blood Donors Directory Supplement 2016

NCC (Air wing) of our College released the first Blood Donors Directory containing Names, Addresses, Telephone Numbers and Blood Groups of the prospective donors during Jan. 2008. Since then, the unit has been releasing the supplements every year. This year also an updated version of the Directory was released on 25.01.2016 at the College. It contains the details of 600 donors. College Principal Dr. K. Anbarasu, Presided over the function. Mrs. M. Jothimani Ilangovan, Assistant Director (Programme), All India Radio, Tiruchirapalli was the Chief Guest and released the supplement copy. College Principal, Dr. K. Anbarasu received it. In her speech, the Chief Guest referred to the importance of human blood and its donation. She appreciated the act of blood donation and advised the students to render the noble service to the best of their capacity. She encouraged them to do more such socially beneficial works. Sqn Ldr Dr. R. Sundhararaman, Controller of Examinations and Flight



Commander, welcomed the gathering. At the end of the function, the students who have donated blood two times during the academic year were presented with mementoes. Sergeant Ms. Sahanadevi proposed a vote of thanks.

Naval Wing

NCC Naval Wing conducted a Special Lecture Programme on 23.02.2016. Mr. Hari Balaji, Consultant, Emergency Risk Management, Chennai spoke on the topic Disaster Management. The speaker spoke on the basic awareness about the natural disasters. He explained the types of Disaster as natural and man induced; some of the



natural disasters are predictable like cyclones and few are not predictable like earthquakes. Vulnerability rate increased many folds in the same magnitude of past and present natural disasters due to the population, mismanagement of resources and non-abiding of rules.

He spoke about the organizations both government and NGOs involved in disaster risk management in state level, national level and in international level. He also added that anyone can take part in the service during disaster irrespective of age, sex, religion and many

He shared heart breaking information of kidnapping female and male children during the natural disasters and selling them for illegal purposes. Some of them became terrorists and drug addicts due to the lack of counseling and care. S.Lt. Dr. S. Selvaraj, ANO, Naval Wing NCC, proposed a vote of thanks.

Rotaract Club

The Rotaract Club of our College and Rotaract Club of Tiruchirapalli Elite conducted a one day workshop on "on Stage" a public speaking skill development programme on 24th February, 2016. Rtr. Kannan welcomed the gathering and Dr. K. Anbarasu, Principal of our College delivered the Presidential Address. Shri. K. Ragunathan, Secretary of our College and Dr.V.R. Mathiazhagan, Prof-In-Charge (UAP) felicitated the organizers of the workshop.

The Chief Guest of the day was **Rtn. PDG. G. Olivannan Past District Governor RI3000**. In his speech the Chief Guest explained the need to improve and develop oneself to become a good speaker on stage. He mentioned



the reasons for one to like your speech such as voice, message, tone, humor and vocabulary. They are important like the speeches of great person. He also shared his experience to capture the attention of students.

The programme was organized by Rtn. D. Selva Kumar, President, Rotary Club of Tiruchirapalli Elite and Prof. R. Thirugnanasoundari, Coordinator, Rotaract Club of our College. Rtr. A. Sam Sekar proposed a vote of thanks.

Certificate Awarding Ceremony

PG and Research Department of English of our College in association with Dinamalar offers a UGC Sponsored Certificate Course in Journalism and Editing. It held its Certificate Awarding Ceremony on 16.03.2016. Fifty two students were given certificates during the Ceremony. Dr. R. Elavarasu, Head, Department of English, Welcomed the gathering. Dr. K. Anbarasu, Principal, Presided over the function. In his Presidential Address, he appreciated the

students who attended the Certificate programme and motivated the other students to join the programme. He stressed the importance of learning English which will help them to get a job in this field.

Shri. K. Raghunathan, Secretary of the College felicitated. In his felicitation, he said that the students should come forward to develop, design and print a student's magazine on their own and the College would provide all necessary backups. Further, he said that the College would start B.A. Journalism and Public Relations course soon.

Dr. R. Sundhararaman, Controller of Examinations felicitated the function and wished the students all the best.

Chief Guest, **Dr. R. Ramasubbu, Ph.D., Associate Editor, Dinamalar** in his address, appreciated the students who completed the Certificate programme and Welcomed the



proposal for starting B.A., Journalism and Public Relations. He gave away the Certificates to the students who successfully completed the Course. Prof. V. Sri Ramachandran, Assistant Professor of English and Coordinator of the Course proposed a vote of thanks.

Science Day Celebration

The Department of Physics celebrated Science Day on 01.03.2016. The Department organized 5 competitions. They are Admad, Jam, Kavithai, Drawing, Quiz. In kavithai Competition nearly 20 UG & PG Students participated. Three titles were given and by lot each student chose the topic. Ms. C. Kaviya, II M.Sc., Mr. M. Rethinavel, II M.Sc., won the $1^{\rm st}$ & $2^{\rm nd}$ prize. In the Drawing Competition nearly 15 students participated. Mr. Vaishnav, I UG won the $1^{\rm st}$ prize. Mr. Mukilan, I UG won the $2^{\rm nd}$ prize.

In Admad each class of both UG & PG was represented by a team of 5 students. The team from II M.Sc., won the $1^{\rm st}$ prize. The team has Mr. Nandhabalaji, Ms. Suganya, Mr. Rethinavel, Mr. Dinesh Kumar and Mr. Sampath Kumar as its members. In JAM nearly 10 UG & 10 PG students participated. Different titles were given separately for UG & PG and by lot each students chose the topic. Ms. Manimegalai, I PG, Ms. Sahana Devi, III UG, Mr. Manikandan, II UG won the $1^{\rm st}$, $2^{\rm nd}$ & $3^{\rm rd}$ prizes respectively. Nearly 50 students participated in the Quiz programme. In the preliminary round 18 students got selected and they were divided into 6 teams. The team with Mr. Vaishnav, Mr. Ragavendhra and Mr. Balaji won the $1^{\rm st}$ place. The team with Mr. Aravindh, Mr. Vigneshwaran and Ms. Suganya won the $2^{\rm nd}$ place.

Library Day

The Library Day was celebrated in our College library on 17.03.2016 **Dr. S. Neelakandan, Assistant Professor, Department of Tamil**, was the chief Guest. He spoke on the topic **Library is a Temple**. Dr. K. Anbarasu, Principal elaborated on the infrastructural facilities made available in



the library and explained the facilities in the new building. Thiru. K. Raghunathan, Secretary honoured twenty students who were frequent visitors to Library by presenting them with books. Dr. P. Raghavan, Librarian in his welcome speech thanked the secretary and the principal for their efforts in bringing up a new building for the library. Dr. R. Sundararaman, controller of Examinations proposed a vote of thanks.

Boy's Hostel Day celebrations

Boys Hostel Day celebrations were held on 22nd March 2016. College Principal Dr. K. Anbarasu presided over the function. Chief Guest **Mr. Ketan J. Vora, Chief Executive Officer, National art Diamond Works** gave a special address to the students. In his speech students were motivated in various ways as to how to succeed in their future life. He also explained the importance of social involvement of students. Our College Controller of Examinations, Dr. R. Sundhararaman and more than fifty faculty members from



various Departments also witnessed the Hostel day function. Many cultural events were hosted by PG and UG hostel inmates. Winners and runners of various sports events received prizes from the chief guest. Dr. S.P. Anand, Deputy Warden, A. Kumar and S. Sivaprakasam, Asst. wardens organized this programme in an elegant manner. The whole programme was compiled by PG students of our hostel.

Women's Day

Women's day was celebrated in our College under the auspicious of the Commerce Association on 08.03.2016. Students of Commerce from Aided and Self-financing sections participated in larger numbers. Various competitions like Rangoli, Speech etc., were conducted and prizes were distributed to the students.

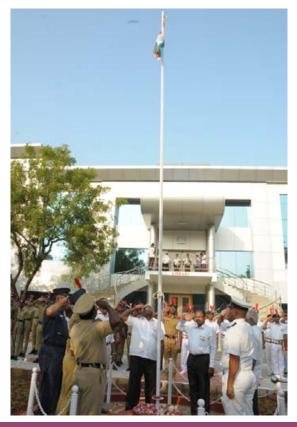
Dr. N. Ramya, Assistant Professor, Department of Commerce, Periyar E.V.R. College delivered a lecture on Women Empowerment. She also gave separate prizes for



the questions posed by students. The function is well received by the women students of Commerce. Dr. M. Sharmila, Vice-President of the Association made all arrangements and proposed a vote of thanks.

Republic Day celebrations

Dr. D. Srinivasan, Associate Professor of Geology hoisted the National Flag on the Republic Day. Dr. R. Sabapathy, Associate Professor in Tamil and Dr.S. Srinivasan, Associate Professor in Botany addressed the gathering.



Annexure IV

ANTI-RAGGING COMMITTEE						
Members:	Department	Mobile	Phone			
1. Dr. M.S. Md. Jaabir	Biotechnology	97864-25226	2420045			
2. Dr. K. Ramar	Botany	97885-03264				
3. Dr.B.Sekar	Busi. Admin.	94432-45824				
4. Dr. K. Vivekanandan	Chemisty	94438-48585	6539941			
5. Ms. S. Sangeetha	Chemistry (UAP)	88251-19603				
6. Dr. R. Srinivasan	Commerce	94437-88273				
7. Prof. R. Jayaraman	Commerce(UAP)	99422-14090				
8. Ms.P.S.S.Akila Shri	Computer Sc.	99423-80091				
9. Dr.D.Srinivasan	Economics	94430-07658				
10.Dr. D.E. Benet	English	94432-48012	2480707			
11. Ms.Gowri Priya Anand	English (UAP)					
12. Dr. V. Vasanthamohan	Geology	94434 08064				
13. Prof. P. Parimala Sekar	History	97905-33707	2770194			
14. Thiru. M. Senthilvel	Mathematics	94423-88777	2341613			
15. Ms. K. Srividhya	Maths (UAP)	99658-48658				
16. Dr. D. Prasanna Balaji	Phy.Education	99944-91882				
17. Dr.S.Pari	Physics	94433-11281	2774281			
18. Dr.N.Manickam	Tamil	94435-31163	2742182			
19. Dr.V.Gokula	Zoology	94435-78753	2457442			
20. Mr.K.Govindaraj	Zoology (UAP)	94453-28898				
21. Dr. V.R. Mathiazhagan	In-charge (UAP)	93453 83041				
22. Dr. S.P.Anand	Dy. warden	98420 37353				
23. Dr. S. Sunitha	Dy. warden	98425-54235				

ODD-SEMESTER
TIME - TABLE

(5)						
(4)						
		В	REA	К		
(3)						
(2)						
(1)						
HOURS/DAYS	IDAY	IIDAY	III DAY	IV DAY	VDAY	VIDAY

	JUNE 2015				
Date	Day	Particular			
1	Mon				
2	Tue				
3	Wed				
4	Thu				
5	Fri				
6	Sat				
7	Sun				
8	Mon				
9	Tue				
10	Wed				
11	Thu				
12	Fri				
13	Sat				
14	Sun				
15	Mon				
16	Tue				
17	Wed				
18	Thu	College reopens for all Senior classes			
19	Fri				
20	Sat	Principal Saranathan Memorial Day - Holiday			
21	Sun	Hoilday			
22	Mon	I UG Classes begin			
23	Tue				
24	Wed				
25	Thu				
26	Fri				
27	Sat	Holiday			
28	Sun	Holiday			
29	Mon				
30	Tue	Last date for payment of fee without fine			

	JULY 2015				
Date	Day	Particulars			
1	Wed	I PG Classes begin			
2	Thu				
3	Fri				
4	Sat	Holiday			
5	Sun	Holiday			
6	Mon				
7	Tue				
8	Wed	Sir. T. Desikachariar Memorial Day			
9	Thu				
10	Fri				
11	Sat	Holiday			
12	Sun	Holiday			
13	Mon				
14	Tue				
15	Wed				
16	Thu				
17	Fri				
18	Sat	Ramzan-Holiday-Sesha Iyengar Memorial Day			
19	Sun	Holiday			
20	Mon				
21	Tue				
22	Wed				
23	Thu				
24	Fri				
25	Sat	Holiday			
26	Sun	Holiday			
27	Mon	Last date for payment of fees with fine			
28	Tue				
29	Wed				
30	Thu				
31	Fri				

	AUGUST 2015				
Date	Day	Particulars			
1	Sat	Holiday			
2	Sun	Holiday			
3	Mon				
4	Tue				
5	Wed				
6	Thu	Last date for submission of Assignment - I			
7	Fri				
8	Sat	Holiday			
9	Sun	Holiday			
10	Mon				
11	Tue				
12	Wed				
13	Thu				
14	Fri				
15	Sat	Independance Day - Holiday			
16	Sun	Holiday			
17	Mon				
18	Tue				
19	Wed				
20	Thu				
21	Fri				
22	Sat	Holiday			
23	Sun	Holiday			
24	Mon				
25	Tue				
26	Wed				
27	Thu				
28	Fri				
29	Sat	Holiday			
30	Sun	Holiday			
31	Mon				

SEPTEMBER 2015				
Date	Day	Particulars		
1	Tue	CIA Test I begins		
2	Wed	CIA Test		
3	Thu	CIA Test		
4	Fri	CIA Test		
5	Sat	Shri Krishna Jayanthi -Holiday-Teacher's Day		
6	Sun	Holiday		
7	Mon	CIA Test		
8	Tue	CIA Test		
9	Wed	CIA Test		
10	Thu			
11	Fri			
12	Sat	Holiday		
13	Sun	Holiday		
14	Mon			
15	Tue	Issue of Semester Examinations Application Forms		
16	Wed			
17	Thu	Vinayaga Chathurthi - Holiday		
18	Fri			
19	Sat	Last date for submission of Assignment - II		
20	Sun	Holiday		
21	Mon	Last Date for Submission of semester examination application forms		
22	Tue			
23	Wed			
24	Thu	Bakrid- Holiday		
25	Fri			
26	Sat	;		
27	Sun	Holiday		
28	Mon			
29	Tue			
30	Wed			

	OCTOBER 2015			
Date	Day	Particulars		
1	Thu			
2	Fri	Gandhi Jayanthi - Holiday		
3	Sat			
4	Sun	Holiday		
5	Mon	Last date for submission of Assignment III		
6	Tue			
7	Wed			
8	Thu			
9	Fri			
10	Sat	Holiday		
11	Sun	Holiday		
12	Mon	CIA Test II begins		
13	Tue	CIA Test		
14	Wed	CIA Test		
15	Thu	CIA Test		
16	Fri	CIA Test		
17	Sat	CIA Test		
18	Sun	Holiday		
19	Mon	CIA Test		
20	Tue			
21	Wed	Ayutha Pooja - Saraswathi Pooja - Holiday		
22	Thu	Vijaya Dasami - Holiday		
23	Fri	Muharram - Holiday		
24	Sat			
25	Sun	Holiday		
26	Mon			
27	Tue			
28	Wed			
29	Thu			
30	Fir			
31	Sat	Last working day for the odd semester		

NOVEMBER 2015				
Date	Day	Particulars		
1	Sun			
2	Mon	Commencement of End Semester Examinations		
3	Tue			
4	Wed			
5	Thu			
6	Fri			
7	Sat			
8	Sun			
9	Mon			
10	Tue	Deepavali -Holiday		
11	Wed			
12	Thu			
13	Fri			
14	Sat			
15	Sun			
16	Mon			
17	Tue			
18	Wed			
19	Thu			
20	Fri			
21	Sat			
22	Sun			
23	Mon			
24	Tue			
25	Wed			
26	Thu			
27	Fri			
28	Sat			
29	Sun			
30	Mon	Commencement of Even Semester Classes		

EVEN-SEMESTER

TIME - TABLE

(4) (5)						
		В	REA	K		
(3)						
(2)						
(1)						
HOURS/DAYS	IDAY	II DAY	III DAY	IV DAY	V DAY	VIDAY

DECEMBER 2015				
Date	Day	Particulars		
1	Tue			
2	Wed			
3	Thu			
4	Fri			
5	Sat	Holiday		
	Sun	Holiday		
7	Mon			
8	Tue			
9	Wed			
10	Thu			
11	Fri			
12	Sat	Holiday		
	Sun	Holiday		
14	Mon	Last date of payment of fees without fine		
15	Tue			
16	Wed			
17	Thu			
18	Fri	Publication of odd Semester results		
19	Sat	Holiday		
20	Sun	Holiday		
21	Mon	Vaikunda Ekadasi - Holiday		
22	Tue	Holiday		
23	Wed	Milad-Un-Nabi- Holiday		
24	Thu	Holiday		
25	Fri	Christmas - Holiday		
26	Sat	Holiday		
27	Sun	Holiday		
28	Mon	Last date for submission of Assignment - I		
29	Tue	Holiday		
30	Wed	Holiday		
31	Thu	Holiday		

58

		JANUARY 2016		
Date	Day	Particulars		
1	Fri	New Year Day - Holiday		
2	Sat	Holiday		
3	Sun	Holiday		
4	Mon			
5	Tue	Last date for payment of fees with fine		
6	Wed			
7	Thu			
8	Fri			
9	Sat	Holiday		
10	Sun	Holiday		
11	Mon			
12	Tue			
13	Wed			
14	Thu	Bogi - Holiday		
15	Fri	Pongal- Holiday		
16	Sat	Thiruvalluvar Day- Holiday		
17	Sun	Uzhavar Thirunal - Holiday		
18	Mon			
19	Tue			
20	Wed			
21	Thu			
22	Fri			
23	Sat	Holiday		
24	Sun	Holiday		
25	Mon			
26	Tue	Republic Day - Holiday		
27	Wed			
28	Thu			
29	Fri			
30	Sat	Last date for submission of Assignment - II		
31	Sun	Holiday		

	FEBRUARY 2016				
Date	Day	Particulars			
1	Mon				
2	Tue				
3	Wed				
4	Thu				
5	Fri				
6	Sat	Holday			
7	Sun	Holiday- Alumni Annual Meet			
8	Mon				
9	Tue				
10	Wed				
11	Thu				
12	Fri				
13	Sat	Holiday			
14	Sun	Holiday			
15	Mon				
16	Tue				
17	Wed				
18	Thu	CIA Test I begins			
19	Fri	CIA Test			
20	Sat	CIA Test			
21	Sun	Holiday			
22	Mon	CIA Test			
23	Tue	CIA Test			
24	Wed	CIA Test			
25	Thu	CIATest			
26	Fri				
27	Sat	Holiday			
28	Sun	Holiday			
29	Mon				

MARCH 2016						
Date	Day	Particulars				
1	Tue					
2	Wed	Issue of Semester Examinations Application Forms				
3	Thu					
4	Fri					
5	Sat	Holiday				
6	Sun	Holiday				
7	Mon					
8	Tue					
9	Wed	Last date for submission of semester Examination Application forms				
10	Thu					
11	Fri					
12	Sat	Holiday				
13	Sun	Holiday				
14	Mon					
15	Tue					
16	Wed					
17	Thu					
18	Fri					
19	Sat	Holiday				
20	Sun					
21	Mon					
22	Tue					
23	Wed					
24	Thu					
25	Fri	Good Friday - Holiday				
26	Sat	Holiday				
27	Sun	Holiday				
28	Mon	CIA Test II begins				
29	Tue	CIA Test II				
30	Wed	CIA Test II				
31	Thu	CIA Test II				

APRIL 2016					
Date	Day	Particulars			
1	Fri	CIA Test			
2	Sat	CIA Test			
3	Sun	Holiday			
4	Mon	CIA Test II			
5	Tue				
6	Wed	UG Practical Exam begins			
7	Thu				
8	Fri	Telugu New Year - Holiday			
9	Sat				
10	Sun	Holiday			
11	Mon	PG Practical Exam begins			
12	Tue				
13	Wed				
14	Thu	Tamil New Year / Dr.Ambedkar Jayanthi - Holiday			
15	Fri				
16	Sat				
17	Sun	Holiday			
18	Mon				
19	Tue				
20	Wed				
21	Thu				
22	Fri				
23	Sat				
24	Sun				
25	Mon	Last working day for the Even Semester			
26	Tue				
27	Wed	Commencement of End Semester Examinations			
28	Thu				
29	Fri				
30	Sat				

May 25, 2016 - Announcement of End Semester Examinations results.

Annexure V

PROGRAMMES OFFERED AIDED SECTION								
Under Graduate	Post Graduate							
B.A. Economics English History Tamil	M.A. Economics English Tamil							
B.Sc. Botany Chemistry Geology Mathematics Physics Zoology	M.Sc. Applied Geology Botany Chemistry Mathematics Physics M.Com.							
B.Com.								

UNAIDED SECTION

	Under Graduate	Post Graduate		
В. А.	English	M.A.	English	
	Ü		Human Rights	
B.Sc.	Computer Science Information Technology	M.Sc.	Biotechnology	
D.00.			Botany	
	0,		Chemistry	
	Mathematics Statistics Physical Education		Computer Science	
			Information Technology	
			Mathematics	
			Microbiology	
B.Com.			Physics	
B.Com.	Computer Applications		Zoology	
B.B.A.	B.B.A.		Health Care & Hospital	
B.C.A			Management*	
B.Litt.			Mathematical Finance	
_ = - =		M.Com. M.Com. M.S.W.	Financial Management	

^{*} Subject to affiliation by Bharathidasan University, Trichy

Ph.D: Botany, Chemistry, Commerce, Economics, English, Geology, Mathematics, Physics, Physical Education, Tamil, Zoology, Biotechnology and Management.

Career Oriented Programmes

Diploma in Gemmology

Diploma in Journalism & Editing Diploma in Fabrication Engineering

Foundation / Certificate Programme in Human Rights Education

Certificate Programme in Factory Management Certificate in Tourism and Travel Management Certificate in Bio-Medical Waste Management

Diploma in e-commerce and Accountings

Diploma in Banking Diploma in Econometrics

PG Diploma in Clinical Trial Management & Regulatory affairs

UGC Sponsored Innovative Programme

Post Graduate Diploma in Bioprocess Technology

STUDENTS REGISTER NUMBER FIXATION

The following system is adopted for allotting Register Number for the students admitted in different UG and PG programmes.

Illustration:

A Register Number consisting of nine characters is allotted for a student admitted in the UG / PG programme. For instance, a students in Botany would have **BO U A 12 001**; Where the characters represent the following.

Character Position First Two characters Third character Fourth Character	Property Alphabets Alphabet Alphabet	Code BO U/P/M/R* A/S [#]	Description BOTANY (See below) (See below)
Fifth and Sixth Character	Numeric	12	YEAR OF ADMISSION
Seventh, Eighth and Ninth Characters	Numeric	001	ROLL ORDER OF ADMISSION

*U for UG, P for PG, M for M.Phil., R for Ph.D., ; # A for Aided Programme; S for Un-Aided Programme

Annexure VI

Feedback from stakeholders

- During the Annual Alumni meeting, it was suggested to give importance on Communication Skill in English.
- During the Students' interaction, it was suggested to include more number of Skill-based courses in the curriculum.
- Parents suggested to introduce the system of sending the details of attendance and Continuous Internal Assessment Test Mark statement to them every semester.

Annexure VII

List of Staff Members

S. No.	Name	Designation
1.	Dr.K.Anbarasu	Principal
	Biotechnology	
2	Dr.M.N.Abubacker	Associate
2.		Professor
3.	Dr.M.S.Mohamed Jaabir	Assistant Professor
		Assistant
4.	Dr.S.Senthil Kumar	Professor
	Ms.S.Shantkriti	Assistant
5.	M18.5.5Halltki tu	Professor
	Dr.M.Gnanadesigan	Assistant
6.	Dr.ivi. Ghanadesigan	Professor
7	Dr.S.Gurunathan	Assistant
7.		Professor
8.	Mr.G.Ganapathy	Assistant
0.		Professor
	Botany	
	Dr.K.V.Kannan	Associate
9.	D1.IX. V.IXuilliuii	Professor
10	Dr.B.Muthukumar	Associate
10.		Professor
11.	Dr.S.Srinivasan	Associate
11.		Professor
12.	Dr.V.Nandagopalan	Associate Professor
12.		Assistant
13.	Dr.E.Natarajan	Professor
		Assistant
14.	Dr.S.P.Anand	Professor
		Assistant
15.	Dr.K.Ramar	Professor
	Du D. Amandhi	Assistant
16.	Dr.P.Ananthi	Professor
	Business Administrat	tion
	n n a 1	Associate
17.	Dr.B.Sekar	Professor
	D., D.C1.	Assistant
18.	Dr.P.Subramanian	Professor
	Thim D Notoroion	Assistant
19.	Thiru.R.Natarajan	Professor
•	Thiru K Rajesh	Assistant
20.	Thiru.K.Rajesh	Professor
21	Ms.R.Tiruganasoundari	Assistant
21.	1715.IX. I II uganasoundari	Professor
22	Ms.S.Jamuna Rani	Assistant
22.	2.00	Professor

23.	Dr.I.Irene Sundari Angelo	Assistant Professor					
	Chemistry						
	Associate						
24.	Dr.K.Lakshmanan	Professor					
2.7		Associate					
25.	Dr.K.Vivekanandan	Professor					
	D 1474	Associate					
26.	Dr.M.Kalyanasundari	Professor					
	D 0 0 11	Associate					
27.	Dr.S.Sunitha	Professor					
	Mr. A. A. a. a. dhanna alla an	Associate					
28.	Ms.A.Amathussalam	Professor					
	Da C Indias	Associate					
29.	Dr.S.Indira	Professor					
	Dr.K.G.Sekar	Associate					
30.	DI.K.U.SCKAI	Professor					
	Dr.L.Pushpalatha	Associate					
31.	Dr.E.i usiipaiatiia	Professor					
	Ms.B.Latha	Associate					
32.	Wis.D.Lattia	Professor					
	Dr.M.Murali	Assistant					
33.	Di.ivi.iviuran	Professor					
2.4	Dr.D.Saravanan	Assistant					
34.	DI.D.Saravanan	Professor					
25	Dr.V.Renuga	Assistant					
35.		Professor					
26	Thiru.S.Arun Prabhu	Assistant					
36.		Professor					
37.	Ms.S.Sangeetha	Assistant					
37.	6	Professor					
38.	Ms.V.Sathya	Assistant					
56.	•	Professor					
39.	Ms.K.Kavitha	Assistant					
37.		Professor					
40.	Mr.R.Lakshmi Narayanan	Assistant Professor					
10.		FIOIESSOI					
	Commerce	1					
41.	Dr.R.Srinivasan	Associate					
		Professor					
42	Dr.S.Ramnath	Associate					
42.		Professor					
43.	Dr.R.Narayanasamy	Associate					
43.		Professor					
44.	Thiru.P.Chandrasekar	Associate					
44.		Professor					
45.	Dr.R.Hariharan	Associate					
73.		Professor					
46.	Dr.U.Sathyamurthy	Associate					
40.		Professor					

47.	Dr.S.Sivakumar	Associate Professor		
		Associate		
48.	Dr.S.V.Srinivasavallabhan	Professor		
49.	Dr.R.Sundhararaman	Associate		
49.		Professor		
50.	Thiru.S.Gnanasekaran	Associate Professor		
		Associate		
51.	Dr.K.Kumar	Professor		
	Do M. Channella	Assistant		
52.	Dr.M.Sharmila	Professor		
~ 0	Thiru.R.Jayaraman	Associate		
53.	Tillia.ix.suyurumum	Professor		
- 4	Thiru.P.Ravichandran	Assistant		
54.	Timu.i .Navienandian	Professor		
	Thirt G Umanathy	Assistant		
55.	Thiru.G.Umapathy	Professor		
	Thim M Daignalarmath and	Assistant		
56.	Thiru.M.Rajavelayutham	Professor		
	TILL DO INCIDENT	Assistant		
57.	Thiru.P.Sami Muthu Sait	Professor		
	N. 17.17	Assistant		
58.	Ms.K.Kavitha	Professor		
		Assistant		
59.	Prof.Ms.T.Nandhini	Professor		
		Assistant		
60.	Mr.S.Thilakar	Professor		
		Assistant		
61.	Mr.Sowriyar Duraisamy	Professor		
	Ma D. Carrin dancian	Assistant		
62.	Mr.R.Govindarajan	Professor		
	Dr.V.Rathinamani	Assistant		
63.	Dr. v. Ratminamam	Professor		
	M IZ G'	Assistant		
64.	Mr.K.Sinuvasan	Professor		
	Computer Science			
	D D C 1111 1 1	Associate		
65.	Dr.P.S.Akilashri	Professor		
		Assistant		
66.	Ms.R.Sasikala	Professor		
		Assistant		
67.	Ms.S.Ramani	Professor		
		Assistant		
68.	Ms.Priya Yadav	Professor		
		Assistant		
69.	Ms.R.A.Sofia	Professor		
		Assistant		
70.	Ms.E.Radhika	Professor		
		Assistant		
71.	Ms.A.Umamageswari	Professor		
	M DG ::	Assistant		
72.	Ms.P.Sundari	Professor		
110165501				

73.	Ms.B.Mahalakshmi	Assistant
73.		Professor
	Ms.S.Sujatha	Assistant
74.	1715.15 ajama	Professor
	Ms.S.Hema	Assistant
75.	Wis.5.Heilia	Professor
	MANA IN I D	Assistant
76.	Ms.M.Arul Kothai Priya	Professor
		Assistant
77.	Ms.V.Jayasudha	Professor
		Assistant
78.	Ms.L.Maria Shyla Gratice	Professor
		Assistant
79.	Mr.P.Gowrishankar	
1).		Professor
80.	Ms.S.Sharmila	Assistant
80.		Professor
0.1	Ms.S.Siva Prakasam	Assistant
81.	1.15.5.51 ta 1 tanasani	Professor
	Ms.M.Uma Maheswari	Assistant
82.	Wis.Wi.Oma Waneswari	Professor
	M. D. A. 1.	Assistant
83.	Ms.D.Ananthi	Professor
		Assistant
84.	Ms.B.Suguna	Professor
		Assistant
85.	Ms.S.Kiruthiga	Professor
- 00.		110108801
	Economics	
	Dr.D.Srinivasan	Associate
86.	DI.D.SIIIIVasaii	Professor
	Da D. Carlamanian	Associate
87.	Dr.R.Subramanian	Professor
	771 · 17 171	Associate
88.	Thiru.K.Elango	Professor
		Associate
89.	Dr.T.Sridhar	Professor
		Associate
90.	Dr.S.Thirumaran	Professor
		Associate
91.	Dr.V.R.Mathiazhagan	Professor
		Assistant
92.	Dr.N.Renganayaki	Professor
		Assistant
93.	Dr.T.Suthakar	
93.		Professor
94.	Ms.Kaleeswari	Assistant
94.		Professor
	English	
	Dr. D. Elawara	Associate
95.	Dr.R.Elaravarasu	Professor
	D VIG 1	Associate
96.	Dr.V.Sekar	Professor
		Associate
97.	Dr.D.E.Benet	Professor
		Associate
98.	Dr.T.S.Ramesh	Professor
		110103301

		1
99.	Dr.S.Srinivasan	Associate Professor
		Associate
100.	Thiru.M.S.Balamurugan	Professor
101.	Dr.R.Soundararajan	Associate
101.		Professor
102.	Thiru.V.Sri Ramachandran	Assistant Professor
102	Dr.V.Srividya	Assistant
103.	21. (1.511 (1.6) (1.6)	Professor
104.	Dr.T.G.Akila	Assistant Professor
		Assistant
105.	Ms.Gowri Priya Aanand	Professor
	Thiru.S.Vinoth Kumar	Assistant
106.	THIII.S. VIIIOUI KUIIIAI	Professor
	Ms.M.Venkateswari	Assistant
107.	1v15.1v1. v chkatcswall	Professor
	Ms.M.Asha	Assistant
108.	1V15.1V1.7X511A	Professor
400	Ms.K.Sumathy	Assistant
109.	1v15.IX.Sumamy	Professor
110	Ms.Ethina	Assistant
110.		Professor
111	Thiru.M.Arul Mozhi	Assistant
111.	Varman	Professor
112.	Thiru.A.Charles	Assistant Professor
		Assistant
113.	Thiru.K.Stalin	Professor
	Ms.R.Vanitha	Assistant
114.	1710.IX. 7 GIIIIIIG	Professor
115	Mr.A.Kumar	Assistant
115.		Professor
116	Mr.N.Sathish Kumar	Assistant
116.		Professor
117	Mr.S.Stanley Gerald	Assistant
117.		Professor
118.	Ms.P.Amalorpava Mary	Assistant
118.	1 ,	Professor
119.	Ms.K.Kalaiselvi	Assistant
119.		Professor
120.	Ms.A.Malathy	Assistant Professor
	Geology	
	Jeong,	Associate
121.	Dr.V.Kumar	Associate Professor
	D D G : :	Associate
122.	Dr.D.Srinivasan	Professor
123.	Dr.V.Subramanian	Associate
143.		Professor
124.	Thiru.S.Sivakumar	Associate Professor
	L	

125.	Dr.N.Jawahar Raj	Associate Professor
		Associate
126.	Dr.V.Vasanthamohan	Professor
		Assistant
127.	Dr.S.Selvaraj	Professor
	Hindi	
		Assistant
128.	Ms.S.Nithya Kala	Professor
	History	
		Associate
129.	Thiru.S.Kailasam	Professor
	D I/D 1'	Associate
130.	Dr.K.Pandiyan	Professor
101	Thiru.P.Parimalasekar	Associate
131.	Timan ii armatasekar	Professor
	Library	
	·	
132.	Dr.P.Raghavan	Librarian
		Asst.
133.	Ms.R.Lakshmi	Librarian
		Liorarian
	Mathematics	г
134.	Thiru.M.Senthilvel	Associate
134.		Professor
135.	Dr.D.Muthuramakrishnan	Associate Professor
133.		
136.	Dr.P.Shanmuganandam	Associate Professor
130.		
137.	Dr.A.Vijayasankar	Assistant Professor
		Assistant
138.	Thiru.S.Sriram	Professor
		Assistant
139.	Dr.Manju Somanath	Professor
107.		Assistant
140.	Thiru.K.Raja	Professor
		Assistant
141.	Ms.K.Srividhya	Professor
		Assistant
142.	Ms.V.Sangeetha	Professor
		Assistant
143.	Ms.I.Jenifer	Professor
		Assistant
144.	Ms.E.Premalatha	Professor
	N. G.G. 1	Assistant
145.	Ms.C.Sheela	Professor
	Th: V Th:: 11	Assistant
146.	Thiru.K.Thirunavukkarasu	Professor
	Mr.Arun	Assistant
147.	IVII . / AI UII	Professor
1 40	Ms.K.C.Uma	Assistant
148.		Professor

		Assistant
149.	Ms.J.Florance Mary	Professor
		Assistant
150.	Ms.Gowthami	Professor
	Philosophy	TTOTESSOI
	1 imosopny	A
151.	Thiru.S.Gunasekar	Associate
131.		Professor Assistant
152.	Dr.R.Prabahar	Professor
	Physical Education	
	Dr. D. Drassana Balaii	Director of
153.	Dr.D.Prasanna Balaji	Phy.Edn
	Thiru.V.Boopathy	Assistant
154.	Timu. V. Boopathy	Professor
155	Mr.Worthing	Assistant
155.		Professor
156	Ms.Shilpa Singh	Assistant
156.		Professor
	Physics	
	Dr.S.Pari	Associate
157.	D1.5.1 all	Professor
4.70	Dr.A.T.Ravichandran	Associate
158.	Din in interviolation	Professor
150	Thiru.M.Elanthiraiyan	Associate
159.		Professor
160.	Dr.S.Ravi	Associate
100.		Professor
161.	Dr.T.V.Sundar	Associate Professor
101.		Assistant
162.	Dr.R.Ramasamy	Professor
	Dr.S.Kumaresan	Assistant
163.		Professor
		Assistant
164.	Thiru.V.Hariharakrishnan	Professor
	Th: D C C '1 _ 4	Assistant
165.	Thiru.B.S.Srikanth	Professor
	Dr. C. Mussicon and leave	Assistant
166.	Dr.S.Muruganantham	Professor
	Dr.M.Iyanar	Assistant
167.	121.1v1.1yanai	Professor
1.50	Ms.A.Shanthi Devi	Assistant
168.	1,19,11,011dildil DOVI	Professor
1.00	Ms.J.Geethapriya	Assistant
169.		Professor
170.	Thiru.P.Jaikumar	Assistant
1 / U.		Professor
171.	Thiru.S.Sivakumar	Assistant
1/1.		Professor
172.	Thiru.C.Benjamine	Assistant
1/2.	-	Professor Assistant
173.	Ms.G.Pragadeeswari	Professor
113.	<u></u>	FIOIESSOI

	Mr.S.Murugesan	Assistant			
174.	Wil.S.Widiugesan	Professor			
	Mr.S.Meiyazhagan	Assistant			
175.	Wif.S.Wiefydziiagan	Professor			
	Sanskrit				
Associ					
176.	Dr.V.M.Ananthanarayanan	Professor			
	Tamil				
	Dr.S.Eswaran	Associate			
177.	Dr.S.Eswaran	Professor			
	Dr.S.Thirumavalavan	Associate			
178.	Dr.S. Hill ulliavalavali	Professor			
	Dr.R.Sabapathy	Associate			
179.	Dr.K.Sabapatily	Professor			
	Dr.N.Manickam	Associate			
180.	DI:IV:IVIainekain	Professor			
	Dr.S.Gandhi	Associate			
181.	Dr.S.Gandin	Professor			
	Dr.R.Ravichandran	Associate			
182.	Dr.K.Ravichandran	Professor			
	Dr.S.Neelakandan	Assistant			
183.	Dr.S. Neerakandan	Professor			
	Dr.A.Muruganandham	Assistant			
184.	DI.A.iviui ugananunam	Professor			
	Dr.R.Sundaravel	Assistant			
185.	Dr.R.Sundaraver	Professor			
40.5	Dr.A.Krishnan	Assistant			
186.	D1.7 CIXIISIII ali	Professor			
107	Thiru.T.Ramadoss	Assistant			
187.	Timu. 1 . Kamadoss	Professor			
100	Dr.R.Kala	Assistant			
188.		Professor			
189.	Dr.M.Munusamy	Assistant			
169.		Professor			
190.	Dr.S.Ananthavel	Assistant			
190.		Professor			
191.	Dr.R.Manickavasagam	Assistant			
171.		Professor			
192.	Dr.G.Ramachandran	Assistant			
172.		Professor Assistant			
193.	Dr.K.Bhuneshwari	Professor			
173.		Assistant			
194.	Dr.K.Muthaiyan	Professor			
		Assistant			
195.	Thiru.S.Karuthan	Professor			
		Assistant			
196.	Mr.K.Murugesan	Professor			
		Assistant			
197.	Dr.P.Sumathy	Professor			
	D D D1	Assistant			
198.	Ds.R.Bhuvana	Professor			
	D. WWW	Assistant			
199.	Dr.V.K.Kuppusamy	Professor			

Zoology			
200.	Dr.P.Sivasamy	Associate Professor	
201.	Dr.V.Gokula	Associate Professor	
202.	Thiru.K.Govindaraj	Assistant Professor	
203.	Ms.S.Vigneshwari	Assistant Professor	
204.	Dr.P.Sekar	Assistant Professor	
205.	Dr.P.K.Ramasamy	Assistant Professor	
206.	Mr.M.Boominathan	Assistant Professor	
207.	Dr.A.Stalin	Assistant Professor	

Annexure VIII

Faculty participation in conferences / symposia / Workshops International Participation

- ❖ Dr. K. Srinivasan, Associate Professor, Department of English attended an International Conference on Latest trends of Literary Criticism in ancient Tamil Literature conducted by **Department of Indian Studies, University of Malaya, Malaysia** and presented a paper on "Avvaiyar and Deconstruction." He has also chaired a session. He has also been appointed a Member of the Editorial Board of an International Journal *Tamil Peraivu* published by University of Malaya.
- ❖ Dr. K. Anbarasu and Dr. S. Senthil Kumar attended XIX INQUA CONGRESS on Quaternary Perspectives on Climate Change, Natural Hazards, and Civilization held between 26th July and 2nd August 2015 at Nagoya, Japan

Participation in National Level Conferences / Seminars / Workshops

S. No.	Name	Department	Place	Period
1.	M. N. Abubacker	Bioaccumulation of heavy metals by <i>Pistia stratiotes</i> engl. (Araceae) and its manure value	National conference on perspective of scientific research (NCPSR – 2016)	22th January 2016
2.	M. N. Abubacker	Phytoremediation of heavy metals by <i>Pistia stratiotes</i> engl. (Araceae)	International conference on biodiversity and biotechnology (ICBB- 2016)	February 25 th -27 th , 2016
3.	Ms. S. Shanthkriti	Ocean Acidification Research (ICOAR - 2015)	International Conference Coastal Studies School of Energy, Environment and Natural Resources Madurai Kamaraj University	15-17 th December, 2015
4.	Ms. S. Shanthkriti	"Homology Modeling and Molecular Docking Studies"	Two days training in Bioinformatics division, OriGene Biosolutions, Salem	24-25 th June 2015
5.	Mr. G. Ganapathy	"Training in R Statistical Tools for Life Science Researchers"	School of Environmental Sciences, Periyar University, Salem.	21 st and 22 nd January 2016

6.	Nandagopalan V	Biodiversity and Species Richness Studies	Biodiversity and Species Richness Studies on Some Part of Mid Elevation Forests of Pachamalai Hills Eastern Ghats, Tamil Nadu. Saraswathi Narayanan College, Madurai	6 th &7 th Marc h 2015
7.	E. Natarajan	Next Generation Sequencing	National level Technical Workshop on Next Generation Sequencing Department of Bio technology St.Joseph College, Collaboration with ThermoFisher Scientific USA	10 September 2015
8.	S. P.Anand	Antioxidant activity of Astercantha longifolia(Linn.) Neesin Streptozotocin induced Diabetic Rats	International conference on frontiers in life Science St. Joseph's College, Tiruchirapalli	7 th & 8 th 2016
9.	S. P.Anand	Phytochemistry, antioxidant and antibacterial activities of medicinal plants - a comparative study	National Symposium on Recent Advances in Medicinal and Aromatic Plants St. Joseph's College, Tiruchirapalli	05 th Feb' 2015
10.	S. P.Anand	Medicinal plants used for the treatment of Diabetes among tribes of Boda hill	National Symposium on Recent Advances in Medicinal and Aromatic Plants St. Joseph's College, Tiruchirapalli	05 th Feb' 2015
11.	Mr. G. Ganapathy	"Phytochemical studies on wild ginger"	International Conference on converging Biotechnological innovations for Health, Food And Environmental Welfare (ICCBI 2015)	3 rd to 5 th Dec 2015

12.	Subramanian . V	Recent Benthic Foraminifera and their relation to environmental characteristics of Muthupet Lagoon, Tamilnadu, Southeast Coast of India	International Conference on "Mangroves and Climate Change"	16th to 18 th July 2015
13.	Subramanian . V	"Influence of substrate characteristics on the diversity and abundance of Recent Benthic Foraminifera from the inner shelf sediments of the northern part of Gulf of Mannar, southeast coast of India."	XXV Indian Colloquium on Micropaleontology and Stratigraphy	18 th – 20 th December 2015
14.	Subramanian . V	"Significance of substrate characteristics on the spatial and temporal distribution of Recent Benthic Foraminifera from the southern part of Gulf of Mannar, southeast coast of India" and Foraminifera as an indicator for the trace metal pollution – A case study from the shelf sediments of Gulf of Mannar, off Tuticorin, southeast coast of India"	International Conference on Geosciences and Environment & 32th Annual Convention of Indian Association of Sedimentologists	7 th and 10 th January, 2016
15.	M. Murali	Models for Type-2 and Type-3 Copper Enzymes: Structure reactivity correlation of Mononuclear Copper(II) Complexes.	10 th Mid-Year CRSI Symposium in Chemistry, National Institute of Technology, Tiruchirappalli, India	July 23 - 25, 2015

16.	M. Murali	DNA Binding, BSA Interaction, DNA Cleavage and Cytotoxicity of Ruthenium(II) Complex Containing Sulphur and Nitrogen Donors	10 th Mid-Year CRSI Symposium in Chemistry, National Institute of Technology, Tiruchirappalli	July 23 - 25, 2015
17.	M. Murali	Models for Type-2 and Type-3 Copper Oxidases: Synthesis, Structure and Catalytic Properties of Mononuclear Copper(II) Complexes	Symposium on Modern Trends in Inorganic Chemistry (MTIC XVI), Department of Chemistry, Jadavpur University, Kolkata, India	December 3 - 5, 2015
18.	D. Saravanan	Antimicrobial Activity of Schiff's Base of Acylated Hydrazine Derivatives of Mercapto Heterocyclic Compounds	World Research Journals Conference being organized by our Journals, Dubai, UAE	December 7- 9, 2015
19.	D. Saravanan	Synthesis, characterization and antimicrobial activity of some novel Zinc(II) complexes	International Conference on Chemical and Environmental Research (ICCER-2015) (UGC) Jamal Mohamed College, Tiruchirappalli	December 17, 2015
20.	Dr.V.R.Mathiazhagan	"Ideas that Sell"	National Seminar on "Clean India" organized by National Institute of Rural Development, Hyderabad	January 27 & 28 th , 2016.
21.	Dr. N. Renganayaki	"India's Higher Education System in the Past and Present"	National Seminar on "Social Exclusion and Inclusive Policies in Higher Education in India" Bharathidasan University, Tiruchirappalli	28-29 th February 2016

22.	Dr. J. Indirani	"India's Higher Education System in the Past and Present"	National Seminar on "Social Exclusion and Inclusive Policies in Higher Education in India"	28-29 th February 2016
23.	Dr.S.Sriram	Advancements in mathematical sciences	National conference on Advancements in mathematical sciences St.Joseph'sCollege, Trichy	7 th & 8 th Jan, 2016
24.	Dr.S.Pari	Studies on Growth and Characterizationof Undoped and Magnesium Chloride doped L-Histidine Hydrobromide Crystals	National Conference on Emerging Trends in Materials and Methods, NCETMM-2015	Oct 7 th 2015
25.	Dr.S.Pari	Synthesis, Growth and characterization of L-Histidine Hydrobromide single crystal by slow evaporation method	National Conference on Emerging Trends in Materials and Methods, NCETMM-2015	Oct 7 th 2015
26.	Dr.S.Pari	Studies of L-Histidine Hydrochloride crystals grown by solution method	National Conference on Emerging Trends in Materials and Methods, NCETMM-2015	Oct 7 th 2015
27.	Dr.S.Pari	Studies of magnesium chloride and rhodamine-B doped L-histinine acetate crystals grown by solution method	National Conference on Emerging Trends in Materials and Methods, NCETMM-2015	Oct 7 th 2015
28.	Dr.S.Pari	On the Habit Modification of mNA Single Crystals Grown from Different Solvents	National Conference on Emerging Trends in Materials and Methods, NCETMM- 2015	Oct 7 th 2015

29.	Dr.S.Pari	Enhancement of second harmonic generation efficiency: Growth and characterization of La ³⁺ and Nd ³⁺ doped Metanitroaniline single crystals	National Conference on Emerging Trends in Materials and Methods, NCETMM-2015	Oct 7 th 2015
30.	Dr.S.Pari	Influence of Mg ²⁺ and Cu ²⁺ metallic ions on the Structural, Mechanical and Optical Properties of L-Arginium Maleate Single Crystals	Emerging Trends in	Oct 7 th 2015
31.	Dr.S.Pari	Growthand characterization of chalcone organic nonlinear optical single crystal	National Conference on Emerging Trends in Materials and Methods, NCETMM- 2015	Oct 7 th 2015
32.	Dr.S.Pari	Growth and Charaterization Studies on L-Ornithine Monohydrochloride Crystals	National Conference on Emerging Trends in Materials and Methods, CETMM-2015	Oct 7 th 2015
33.	Dr.S.Pari	Synthesis, Growth and Characterization Studies on 2-Amino 5-Chloro Benzophenone Crystals	National Conference on Emerging Trends in Materials and Methods, NCETMM- 2015	Oct 7 th 2015
34.	Dr.S.Pari	Experimental,Optical, SEM/EDX and Hardness studies of L-Ornithine Monohydrochloride Crystals	National Conference on EmergingTrends in Materials and Methods, NCETMM- 2015	Oct 7 th 2015
35.	Dr.S.Pari	Experimental and Characterisation Studies on L-Phenylalanine L- Phenylalaninium Benzoic Acid Crystal	National Conference on Emerging Trends in Materials and Methods, NCETMM-2015	Oct 7 th 2015

36.	Dr.S.Pari	Growth and Characterization of CTSB semiorganic crystal	National Conference on Emerging Trends in Materials and Methods, NCETMM-2015	Oct 7 th 2015
37.	Dr.S.Pari	Studies of magnesium chloride and rhodamine-B doped L-histinine acetate crystals grown by solution method	National Conference on Emerging Trends in Materials and Methods, NCETMM- 2015	Oct 7 th 2015
38.	Dr.S.Pari	Investigations on Growth and Characterizationof undoped and Magnesium Chloride doped L-HistidineHydrobromide Crystals for NLO Applications	National Conference on Advances in Materials Science and Nonlinear Systems (AMSNS)	07-08 January 2016
39.	Dr.S.Pari	Synthesis, Growth and Studies of Undoped and Magnesium Chloridedoped L – Histidine Hydrochloride Single Crystals	National Conference on Advances in Materials Science and Nonlinear Systems (AMSNS-16)	07-08 January 2016
40.	Dr.S.Pari	Optical, Electrical, Thermal and Mechanical properties of Rhodamine-B doped L- Histidine Hydrochloride NLO crystal	National Conference on "Advances in Material Science (NCAMS-16)	12 th Februar y, 2016
41.	Dr.S.Pari	Investigations on Growth and Characterization of pure and Magnesium Chloride doped L-HistidineHydrobromide Crystals for NLO Apllications	National Conference on "Advances in Material Science (NCAMS-16)	12 th Februar y, 2016

42.	A.T.Ravichandran	Growth and optical, structural, mechanical, thermal and dielectric studies of Zinc Thiourea Sulphate single crystal	NCETMM-2015, KSR College of Arts and Science for Women, Namakkal	Oct 7th 2015
43.	A.T.Ravichandran	Tuning the magnetic behavior and improving the antibacterial efficiency of ZnO nanopowders through Zr + Fe doping for biomedical applications	NCETMM-2015, KSR College of Arts and Science for Women, Namakkal	Oct 7th 2015
44.	A.T.Ravichandran	Structural, Optical and Magnetic properties of Undoped and Fe-doped Cu2O Thin Films	NCETMM-2015, KSR College of Arts and Science for Women, Namakkal	Oct 7th 2015
45.	A.T.Ravichandran	Structural, Optical and Magnetic properties of Undoped and Fe-doped Cu2O Thin Films	NCETMM-2015, KSR College of Arts and Science for Women, Namakkal	Oct 7th 2015
46.	A.T.Ravichandran	Growth and Optical Properties of Pure and Sodium Chloride Doped DL-Alanine Oxalic Acid Single Crystals,K.Poornima	NCETMM-2015, KSR College of Arts and Science for Women, Namakkal	Oct 7th 2015
47.	A.T.Ravichandran	Growth and Characterization of Pure and Sodium Chloride Doped Glycine Oxalic Acid Single Crystals	NCETMM-2015, KSR College of Arts and Science for Women, Namakkal	Oct 7th 2015
48.	A.T.Ravichandran	Structural And Optical Properties Of Zn Doped Cdo Nanoparticles By Chemical Precipitation Method	NCETMM-2015, KSR College of Arts and Science for Women, Namakkal	Oct 7th 2015

49.	Dr.T.V.Sundar	Innovative Curriculum Designing and Evaluation	Curriculum Development Cell of Bharathidasan University, Tiruchirappalli	14 th August 2015
50.	Dr. S. Eswaran	புதுக்கவிதைகளில் பிறமொழிச் சொற்களின் ஆதிக்கம்	UDC, Trichy – 19	Sep. 2015
51.	Dr. S. Gandhi	பெண் கவிஞர்களின் சமுதாயத் தன்னிலை களைதலும் சுய தன்னிலை கட்டுதலும்	UDC, Trichy – 19	Sep. 2015
52.	Dr. S. Neelagandan	அப்துல் ரகுமான் கவிதைகளில் அகவிழிப்புச் சிந்தனைப் போக்குகள்	UDC, Trichy – 19	Sep. 2015
53.	Dr. R. Ravichandran	வேளாண் வளர்ச்சிக்கு நீர் மேலாண்மையின் இன்றியமையாமை	Dept. Tamil, National College, Trichy – 1	Feb. 2016
54.	Dr. R. Ravichandran	தமிழ் இலக்கியங்களில் மனித நேயம்	K.G. Arts College, Kovai.	Feb. 2016
55.	Dr. A. Muruganandham	கம்பனில் சொல் ஆளுமைத் திறன்	Dept. Tamil, National College, Trichy – 1	Feb. 2016
56.	Dr. A. Krishnan	தமிழிலக்கியங்களில் நீர் மற்றும் வணிக மேலாண்மை	Dept. Tamil, National College, Trichy – 1	Feb. 2016
57.	Dr. R. Sundaravel	புறநானூற்றில் நீர் மேலாண்மை	Dept. Tamil, National College, Trichy – 1	Feb. 2016
58.	Dr. A. Kala	தமிழ் இலக்கியங்கள் உணர்த்தும் மேலாண்மைச் சிந்தனைகள்	Dept. Tamil, National College, Trichy – 1	Feb. 2016
59.	Dr. A. Kala	திருக்குறள் காட்டும் நல்வழி	St. Joseph's College, Trichy – 2	Dec. 2015
60.	Dr. S. Ananthavel	பழந்தமிழரின் ஆந்நல் மேலாண்மை	Dept. Tamil, National College, Trichy – 1	Feb. 2016

61.	Dr. S. Kowsalya	குறள் வழி தொழில் முனைவோர் சிந்தனைகள்	Dept. Tamil, National College, Trichy – 1	Feb. 2016
62.	Dr. S. Kowsalya	வள்ளலார் காட்டும் சீவகாருண்யம்	St. Joseph's College, Trichy – 2	Dec. 2015
63.	Prof. P. Parimalasekar	"Recent Trends In Prohibition Movements In India"	Two – days National Conference Bishop Heber College, Trichy	8 th and 9 th February 2016
64.	Prof. P. Parimalasekar	Marine Archaeology of Indian Ocean Countries of Society of Marine Archaeology	9 th Conference on Marine Archaeology of Indian Ocean Countries of Society of Marine Archaeology, Tamil University, Thanjavur	20 – 21 February 2016
65.	Prof. P. Parimalasekar	"Use of ICT for promoting and protecting cultural heritage"	Rajiv Gandhi National Institute of Youth Development Under its Youth Led Development Outreach Programme(YDP) in Higher Educational Institutions	22 nd and 24 th Feb, 2016

Annexure IX
Programme - wise distribution of pass percentage

Title of the Programme	Total no. of students		Div	vision		
	appeared	Distinction %	I %	II %	III %	Pass %
B.A. Economics	42	0	11	21	0	76.19
B.A. English	94	0	14	40	0	57.45
B.A. History	23	0	3	12	0	65.22
B.A. Tamil	26	0	13	7	0	76.92
B.Com	222	3	68	65	0	61.26
B.B.A.	126	0	46	23	0	54.76
B.Sc. Botany	22	1	9	0	0	45.45
B.Sc. Chemistry	45	5	11	0	0	35.56
B.Sc. Geology	41	6	22	5	0	80.49
B.Sc. Mathematics	66	13	28	4	0	68.18
B.Sc. Physics	48	7	25	5	0	77.08
B.Sc. Zoology	25	2	10	0	0	48.00
B.Sc. Comp. Sc.	99	6	32	22	0	60.61
B.C.A	146	11	86	9	0	72.60
B.Com. CA	63	0	22	21	0	68.25
B.Sc. Phy. Edu.	32	1	13	0	0	43.75
MA Economics	9	0	2	7	0	100.00
MA English	58	0	33	12	0	77.59
MA Tamil	15	4	11	0	0	100.00
M.Sc. Commerce	39	0	36	0	0	92.31
M.Sc. Botany	3	0	3	0	0	100.00
M.Sc. Chemistry	35	11	17	0	0	80.00
M.Sc. Applied Geology	11	1	5	0	0	54.55
M.Sc. Mathematics	52	13	32	0	0	86.54
M.Sc. Physics	25	5	19	0	0	96.00
M.Sc. Zoology	7	3	4	0	0	100.00
M.Sc. Computer Science	18	4	14	0	0	100.00

Annexure X

Details regarding Major Projects (on-going)

S.No	Name of the Staff	Funding Organization	Title of the Research Projects	Amount Sanctioned (Rs.)
1.	Dr. S. Selvaraj	MoES-NIOT	Field Investigations for shore line management project along the coastal stretch between Poovar and Thuthukudi, Tamil Nadu coast	22,00,000
2.	Dr. S. Senthil Kumar	UGC	Strategic approach to re-use biologically degraded and photo-catalytically treated textile wastewater for crop irrigation to encourage water use efficiency in the textile valley of Tamil Nadu	13,85,000
3.	Dr.M.S.Mohamed Jaabir	UGC	A Molecular investigation on the onset of Attention Deficit / Hyperactivity Disorder in the maternal micronutrient deficient offspring	15,86,000
4.	Dr. K. Anbarasu	MoES	"Geobiotechnological Study of Quaternary Sea level changes along the waste of Tamil Nadu using Sedimentological, Micropaleontological & Microbiological indicators."	44,50,000
5.	Dr.S.Sankaramanivel	DST	Improving hepatic differentiation of Mesenchymal stem cells by co-culture with Endothelial cells	32,85,000
6.	Dr. M. Gnanadesigan	UGC	Validation, safety and efficiency of soil associated microbes from Kolli hills for the management of Microbiology.	16,82,500

List of Research Papers Published by Staff Members

BIOTECHNOLOGY

- 1. Abubacker. M. N (2015) Synthesis of Silver Nanoparticles from Plant Chewing sticks and their antibacterial activity on Dental Pathogen, British Biomedical Bulletin, 3(1):81-93.
- **2. Abubacker. M. N (2015)** Decomposition of Lignin and Holocellulose of *Pinus roxburghii* Sar. (Pinnaceae) Needle leaves, Twigs and Barks by Fungal isolates from Virgin Forest Ecosystem of Doddabetta belt of Nilgris Biolife, 3(2):553-560.
- **3. Abubacker. M. N and** MV Rao (**2015**) Preliminary Phytochemical Screening and Evaluation of Antibacterial Activity of Different Solvent Extracts of *Plectranthus Bourneae* Gamble (Lamiaceae). Asian Journal of Pharmaceutical and Clinical Research. 8(1): 79-82.
- **4. Senthil Kumar. S** and Shantkriti. S, Murganandham. T, Murugesh. E, Neeraj. R, Govindwar. S.P (2016) Bioinformatics aided microbial approach for bioremediation of wastewater containing textile dyes. *Ecological Informatics*. 31: 112-121. (*SCI IF- 1.727*)
- **5. Shantkriti. S,** Ravindranadh. K, Rao. M. R. N, Nagarjuna. G, Rao. Y. H, Rao. M.C. (**2016**) Structural and vibrational studies on Co²⁺ doped SnO₂ thin films. Journal of International Chemical Concepts. 2 (1): 24-27.
- 6. Shantkriti. S, Ramana. M. V, Janaki Rama Rao. V. V, Anitha. P, Sujatha. T, Rao. M. C. (2015) Synthesis and characterization of silver nanoparticles using *Celastrus Paniculatus* leaf extract. International Journal for Research in Applied Science & Engineering Technology. 3 (6): 958-961. (IF: 1.214)
- **7. Shantkriti**. **S,** Ch. Srinivasa Rao, Srikumar. T, Rao. M.C. (2015) Spectroscopic Studies on CuO Doped Li₂O-ZrO₂-SiO₂ Glass Ceramics. International Journal of Chemical Concepts. 1(1): 05-08.
- **8. Shantkriti**. **S,** Ch. Srinivasa Rao, Srikumar. T, Rao. M.C. (2015) Non-linear Optical Studies on CuO Doped Lithium Zirconium Silicate Glass Ceramics for Laser Application. International Journal of TechnoChem Research. 1(1): 66-69.

BOTANY

- **9. Nandagopalan. V** Kamaleswari. K, Lakshmi Prabha. A, (**2016**) Effects of Plant Growth Regulators on in-vitro regeneration of a potential medicinal plant *Scilla hyacinthina* (Roth.) J.F. Macbr. *Journal of Applied Biology & Biotechnology*, 4 (01):043-046.
- **10.** Nandagopalan. V, Doss. A, and Marimuthu. C (**2016**) Ethnobotanical Studies on Useful Plants of Pachamalai hills of Tiruchirappalli District of Tamilnadu. *Journal of Advanced Scientific Research*, 7(1):14-17.

- **11. Nandagopalan. V** and Kamaleswari. K (**2016**) Phytochemical screening of *Pogostemon auricularis* (L.) Hassk. of Lamiaceae, *Bioscience Discovery*, 7(1):07-10.
- **12. Nandagopalan. V,** Doss. A and Marimuthu. C (**2016**) Phytochemical analysis of some Traditional medicinal plants. *Bioscience Discovery*. 5(7): 20 23.
- **13. Nandagopalan. V,** Marimuthu. C and Doss. A (**2015**) Diversity of traditional medicinal plants used by rural community in Tiruchirappalli District, Tamilnadu, South India. *International Journal of Current Microbiology and Applied Sciences*, 4(12): 767-776.
- **14.** Nandagopalan. V, Johnson Gritto. M, Doss. A, Lakshmi Prabha. A (**2015**) GC MS profiles of *Grewia emarginata* Wight & Arn. *International Journal of Multidisciplinary Research and Development*, 2(11):163-165.
- **15.** Nandagopalan. V, Johnson Gritto. M, Doss. A (2015) GC-MS Analysis of Bioactive Compounds In Methanolic Extract of *Thespesia populnea* (L.) Sol. Ex Correa. World Journal of Pharmacy and Pharmaceutical Sciences. 4(12):498-504.
- **16. Nandagopalan. V,** Johnson Gritto. M, Doss. A and Lakshmi Prabha. A (**2015**) Phenological Behaviour of Some Tree Species of Pachamalai, Tamilnadu, India. *Journal of Advanced Botany and Zoology*, 3(4):1-4.
- **17.** Nandagopalan. V, Lakshmi Prabha. A and Doss. A (2015) Biosynthesis and Characterization of Nanoparticles from three *Aristolochia* species. *World Journal of Pharmacy and Pharmaceutical Sciences*, 4(07): 1094-1104.
- **18. Nandagopalan. V,** Johnson Gritto. M, Doss. A (**2015**) GC-MS analysis of biomolecules on the leaves extract of *Sterculia urens* Roxb. *Journal of Pharmacognosy and Phytochemistry*, 3(6): 193-196.
- **19.** Nandagopalan. V, Johnson Gritto. M and Doss. A (**2015**) GC-MS analysis of bioactive components of the methanol extract of *Hibiscus tiliaceus* Linn. *Asian Journal of Plant Science and Research*, 5(3): 6-10.
- **20.** Nandagopalan. V, Johnson Gritto. M, Doss. A (2015) Ethnobotanical survey of medicinal plants used by Traditional healers in Shobanapuram village of Pachamalai Hill, Tamilnadu. *Advances in Applied Science Research*, 6(3): 157-164.
- **21. Anand. S. P.** and Velmurugan. G (**2016**) Preliminary phytochemical screening and antibacterial activity of *Phyllodium pulchellum* L.. desv. an important medicinal plant. International Journal of Advanced Research. 4(2): 785-791.
- **22. Anand. S. P.** and Keerthiga M. (**2015**) Anti-infective and anti-biofilm activity of *Geodorum densiflorum* (Lam.) Schltr. against Methicillin resistant and sensitive *Staphylococcus aureus*. Advances in Applied Science Research.6 (5): 43-46.

- **23. Anand S. P.** and Keerthiga M (**2015**) Bioactive Compound Evaluation of Ethanol Extract from *Geodorum densiflorum* (Lam.) Schltr. by GC-MS analysis. International Journal of Pharmacological Research. 5 (6): 139 -144.
- **24. Anand S. P,** Velmurugan. G and Doss. A **(2015)** *In-vitro* direct regeneration from nodal explants of *Toddalia asiatica* (L.) Lam. *Asian Journal of Plant Science and Research*. 5(1): 49-53.
- **25. Anand S. P.** and M. Keerthiga (**2015**) Study on preliminary phytochemical and antibacterial activity against human pathogens of an endangered orchid-*Habenaria plantanginea* Lindal. International Journal of Pharmaceutical sciences and Research. 6(3): 1101 -1106.
- 26. Ramar. K and V. Ayyadurai, (2015) In Vitro Direct Multiple Shoot Induction and Flower Initiation of Physalis minima L. An Important Medicinal Plant, Journal of International Academic Research for Multidisciplinary, 3 (1):119-124.
- **27. Ramar. K** and V. Ayyadurai, (**2015**) The present investigation deals with *in vitro* Callus induction and plant regeneration of *Abutilon indicum* L. *Journal of Pharmacognosy and Phytochemistry* 2015; 3(6): 248-251.
- **28. Ramar. K** and V. Ayyadurai, (**2015**) *In Vitro* Callus Induction Studies on *Diplocyclous palmatus* L. An Important Medicinal Plant, *International Journal of Innovative Pharmaceutical Sciences and Research*, 3 (4):314-322.
- 29. Ramar. K and V. Ayyadurai, (2015) Evaluation of Antimicrobial Activity of Medicinal <u>Plants and Phytochemical Analysis of Cissus quadrangularis L, World Journal of Pharmaceutical Research</u>, 4(05):2484-2494.
- **30. Ananthi P,** Sebastian Soosairaj and Vijayachitra (**2016**) Screening and Characterization of Non Caloric Sweetners in Scoparia Dulcis L. Asian journal of Plant Science, 6(2):46-512.
- **31. Ananthi P,** and Soosairaj S (**2015**) Diodia teres Walt. (Rubiaceae): A new record to the flora of Tamilnadu. Journal of Economic and Taxonomic Botany 38(3-4): 549-551. ISSN 2050-9768.
- **32. Ananthi, P.** Soosairaj S, Sasikumar. M. (**2015**) Ethnobotanical Studies Related to Women Health Care among the Malaiyalis of Pacchaimalai Hills, Eastern Ghats of Tamilnadu. The Journal of Ethnobiology and Traditional Medicine. Photon 124 (3): 55-58.

CHEMISTRY

- **33. Vivekanandan. K** and R. Lakshmi Narayanan, (**2015**) Oxidative decarboxylation and deamination of essential amino acids by nicotinium dichromate a kinetic study. International Letters of Chemistry, Physics and Astronomy, 6, 66-72.
- **34. Pushpalatha.** L (2015) Kinetics and mechanism of oxidation of sucrose by N-Bromonicotinamide (NBN). International Letters of Chemistry, Physics and Astronomy, 57, 95-101.

- **35. Pushpalatha.** L (2015) Kinetics and mechanism of oxidation of Tartaric acid by N-chloronicotinamide (NCN). International Letters of Chemistry, Physics and Astronomy, 52, 120-125.
- **36. Pushpalatha. L** (**2015**) Kinetics and mechanism of oxidation of Malic acid by N-Bromonicotinamide (NBN) in the presence of micellar system. International Letters of Chemistry, Physics and Astronomy, 52, 111-119.
- **37. Pushpalatha.** L (2015) Kinetics and mechanism of oxidation of Tartaric acid by N-Bromonicotinamide (NBN), Int. J. Chem., 4 (1), 33-39.
- **38. Murali. M** and Sangeetha. S (**2015**) Water soluble copper (II) complex [Cu(dipica)(CH₃COO)]ClO₄: DNA binding, pH dependent DNA cleavage and cytotoxicity. Inorg. Chem. Commun., 59, 46-49.
- **39.** Saravanan. **D**, A. Shekhawat, S. Kahu, R. Jugade, (**2015**) Synthetic behaviour of ionic liquid impregnated sulphate-crosslinked chitosan towards adsorption of Cr(VI). International Journal of biological macromolecules, 80, 615-626, 2015.
- **40. Saravanan. D,** S. Akilandeswari, J. Bheeter, S. R. Joseph selvaraj (**2015**) Synthesis and characterization of metal complexes of 2-[5-phenyl(1,3,4-oxadiazole-2-yl)thio]-N-[1E)-(4-methyl-(1,3-thiazole-5-yl)methylene)]acetohydrazide. International Journal of Research in Chemistry and Environment, 5 (1), 38-43.
- **41. Saravanan. D,** A. Shekhawat, S. Kahu, R. Jugade **(2016)** Assimilation of chitin with tin for defluoridation of water. RSC Advances, 6 (23), 18936-18945.
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Annexure XII

List of Ph. D Awardees – 2015-2016

S.No.	Name of the Student	Name of the Guide	Торіс	
1.	T. Deepalakshmi	Dr. M. N. Abubacker	In vitro Propagation, Phytochemical, Antimicrobial and Larvicidal activities of Annona muricata L.	
2.	N. Ramesh Kannan	Dr. E. Natarajan	Antitumot potentions of Silver Nanoparticles from Elaeagnus indica Servett	
3.	D. Venkateswari	Dr. S. Eswaran	பதினெண் கீழ்க்கணக்கு நூல்களில் காணலாகும் ஆளுமைத் திறம்	
4.	V. Gayathri	Dr. S. Eswaran	திருமூலரின் திருமந்திரத்தில் மனித நேயம்	
5.	S. Sheela	Dr. S. Thirumavalavan	எட்டுத்தொகை இலக்கியங்களில் உறவுகள்	
6.	K. Gobalakrishnan	Dr. S. Neelagandan	சங்க இலக்கியம் காட்டும் களவு வாழ்க்கை	
7.	M. Natarajan	Dr. R. Soundararajan	A Study of Womanism in the novels of Alice Walker under Feministic perception.	
8.	S. Karthikeyan	Dr. R. Soundararajan	A Study on the conceptual relationships in select novels of D.H.Lawrence.	
9.	Arunachalam	Dr. T.S. Ramesh	Manickavasakar and G.M.Hopkins Comparative Study.	
10.	J. Jothilakshmi	Dr. T.S. Ramesh	A Self-Discovery in the select novels of Bapsi Sidwa, Monica Ali, Zisasee and Dulsi Budrinath: A Study from Psychological and Feministic perspectives.	
11.	A. Padmavathy	Dr. D.E. Benet	Psycho-Social Aspects of Male Characters in Shashi Deshpande's Novels.	
12.	R. Sankar	Dr. D.E. Benet	Postcolonial Identities: A Study of South Asian Characters in Select Novels of Amitav Ghosh.	
13.	M. Venkateswari	Dr. V. Srividhya	Theme of Estrangement in the select novels of Thomas Hardy.	
14.	T. Srinivasan	Dr. V. Srividhya	Hypersensitive Women characters in the select novels of Anita Desai.	

15.	V.Rathnamani	Dr. R. Narayanasamy	A Study on Performance and Investors' preferences of mutual funds in Tiruchirapalli City
16.	M.SowriyarDuraisamy	Dr. R.Hariharan	A Study on Job Satisfaction of Employees in TNPL, Kagithapuram at Karur District
17.	K. Pattabiraman	Dr. K. Kumar	Financial Performance Analysis of Steel Authority of India Limited (SAIL)
18.	R.V. Sakthivel	Prof. K.G. Sekar	Mechanism of Quinaldinium flurochromate oxidation of benzylamines and Cyclanas.
19.	P.Ananth Raj	V. Gokula	Avifaunal Diversity, Zooplankton Diversity, And Water Quality Of Vaduvur And Sitheri Lakes, Tamil Nadu, India
20.	K. Govindaraj	Dr. P. Sivasamy	Studies on the Physico-chemical parameters and its impact on Aquatic faunal life of River Cauvery between Mayanur and Grand Anicut, Tiruchirappalli District.

Annexure - XIII

List of Research Fellowships

S. No.	Name of student receiving Fellowship	Department	Institution	Title
1.	T. Muruganantham	Geology	MoES	Geobiotechnological Study of Quaternary Sea level changes along the waste of Tamil Nadu using Sedimentological, Micropaleontological & Microbiological indicators.
2.	K. Sivakumar	Geology	MoES	Geobiotechnological Study of Quaternary Sea level changes along the waste of Tamil Nadu using Sedimentological, Micropaleontological & Microbiological indicators.
3.	S. Ramu	Biotechnology	UGC	Strategic approach to re-use biologically degraded and photocatalytically treated textile wastewater for crop irrigation to encourage water use efficiency in the textile valley of Tamil Nadu
4.	A. Gopinath	Biotechnology	UGC	A Molecular investigation on the onset of Attention Deficit / Hyperactivity Disorder in the maternal micronutrient deficient offspring
5.	V. Rajagopalan	Biotechnology	UGC	Validation, safety and efficiency of soil associated microbes from Kolli hills for the management of Microbiology.
6.	S. Deborah	Botany	DST	Characterization of bioactive and biochemical constituents in some wild edible fruits of Eastern Ghats, Tamil Nadu

List of Extension activities organized

NCC - AIR WING

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

REPUBLIC DAY PARADE

SGT Priyadharsini. H, II B.C.A. took part in the Republic Day Parade, 2016 at New Delhi.

AIR ATTACHMENT CAMP

CPL M. Gowrishankar, III B.Sc (Maths) and CPL E. Mohanraj, III B.Com attended the Air Attachment Camp held at Air Force Station, Tambaram, Chennai during November, 2015

ALL INDIA TREKKING EXPEDITION

FC Jefferi, II B.Sc (Geo), FC Surendrababu, II B. Sc (Geo) and FC Raja Aravinth, II B.Sc (Geo) participated in the All India Trekking Expedition held at Kerala.

ANNUAL TRAINING CAMP

In the Annual Training Camp held for 10 days from 24.02.2016 to 04.03.2016 at Periyar Maniyammai University, Vallam, the NCC (Air Wing) of National College emerged on top in various competitions.

RANK PROMOTION

Flt Lt R Sundhararaman promoted to the rank of Squadran Leader during August 2015.

COMMUNITY DEVELOPMENT PROGRAMME

FREE EYE CHECK UP CAMP

The 3 (TN) Air SQN (TECH) NCC Flight of National College in collaboration with Mahatma Eye Hospital, Tiruchirapalli conducted a Free Eye Check Up Camp on 14.07.2015.

ANTI TOBACCO RALLY

A special rally to create awareness of the evil effects of tobacco was organized by Flight B – II, 3 (TN) AIR SQN (Tech) NCC Unit of National College, Tiruchy on 11.08.2015.

FREE BLOOD GROUPING CAMP

The NCC (Airwing) of National College, Tiruchirapalli Conducted the Blood Grouping Camp on 25.08.2015.

BLOOD DONATION CAMP

The 3 (TN) Air Sqn (Tech) NCC Flight of National College, Tiruchirapalli organized a Blood Donation Camp on 18th December, 2015.

RELEASING OF BLOOD DONORS DIRECTORY SUPPLEMENT - 2016

NCC (Air wing) of National College, Tiruchirapalli released the first Blood Donors Directory containing Names, Addresses, Telephone Numbers and Blood Groups of the prospective donors during Jan. 2008. It has released the supplements every year. This year also an updated version of the Directory was released on 25.01.2016.

BEST CADET

SGT Gowrishankar, II B.Sc (Maths) and Aravinth, II B. Sc (Maths) were selected as the Best Cadets for the Academic Year 2015-2016.

NCC - NAVAL WING

- * 25 cadets of Naval Wing NCC attended the CATC camp at Uthamapalayam, during May 2015.
- * LC. M. Balaji participated in the **Pre Nausainik Launch** camp at Pondicherry.
- * LC. Prasanna Venkata Ramanan got selected for the **Personality Training to be held at OTA Kamptee,** Nagpur.
- * Naval Wing NCC cadets participated in the International YOGA DAY celebrations at Madurai, organized by the NCC Group Madurai.
- * 11 of our cadets participated in the **Air Show at Thanjavur Air Station** during June 2015.
- * 90% result in B certificate examinations.
- * Naval Wing NCC organized a **Special Lecture Programme on Disaster Management** on 23.02.2016.
- * S.Lt. Dr. S. Selvaraj, ANO, Naval Wing NCC, took part in the State Level Nausainik Training camp at Pondicherry during September 2015.
- * S.Lt. Dr. S. Selvaraj, ANO, Naval Wing NCC, took part in the State Level **Basic Leadership Camp** (**BLC**) at Bannariyamman Institute of Technology, Sathiyamanagalam, from 16 to 25 November 2015.

NCC - ARMY WING

- 1. Cadet **S.Mohan, P.Thievekan, R.Dhakshinmoorthy, G.Karthi, and M.Tamilchelvan** of NCC Army Wing attended the **CATC** –**camp** at PMT College Usilampatti from 15-Sep to 24-Sep 2015.
- Cadet R.Prabakaran and A.Saravanan attended the all India Treking Expedition at Belgaum, Karnataka from 14 Dec to 21 Dec 2015.
- Cadet V.Vimala attended the basic leadership camp at Bannariamman Institute of Technology Sathyamagalam, Erode from 16 Nov 2015 to 25 Nov 2015.
- 4. Cadet **S.Vellamuthu** attended the **CATC** /**TSC** –**IUC camp** at Alagappa Metric Higher Secondary School, Karaikudi from 12 May 2015 to 21 May 2015.

5. **Lt.Dr K.RAMAR NCC Officer**, Army wing attended the **CATC camp –II** at Periyar Maniammai University Vallam Thanjavur from 24 Feb 2016 to 04 Mar 2016.

NSS

100 NSS volunteers of our college participated in the "Alcohol Awareness Rally" organized by the Police department on 19.09.2015.

120 girls of NSS took part in the ENDOMETRIOSIS AWARENESS RALLY organized by the Endometriosis Association and Indian Medical Association, Trichy on 9th March 2016.

50 NSS volunteers took part in the cycle rally organized by the Collector's office on 18th March 2016.

A special camp was organized along with Bharathidasan University from 15th March to 21st March 2016 at the adopted villages. Various activities were organized for the students on the topic HEALTH, PUBLIC AND INDIVIDUAL HYGIENE. Campus cleaning, awareness rally, health check up, eye check up etc were organized during the camp. The students understood community living and adapted themselves to the situation.

FINE ARTS

Mr. R. Ranjith Kumar, II M.Sc. Physics won first Prize in the Poem Competition in BARD Festival.

Our Fine Arts Team won the first prize in Radio Mirchi Competition held in Madurai.

Our College Fine Arts team won a number of prizes in competitions held in places like Chennai, Madurai, Coimbatore, Kumbakonam, Salem, Thanjavur etc.

Rotaract Club

The first project of Rotaract Club for this year was Tree Plantation conducted on Twelth Installation day.

Second Project was conducted on December 21, 2015 by distributing tables, books and slates to the primary school students of Saraswathi Vidhyalaya, Bema Nagar, Trichy.

Third Project was conducted on 25th December 2016 honouring the Agriculturists of this region.

Fourth Project was the celebration of Youth day with Zonal Rotraract club.

The Fifth Project was an Awareness Rally for wold Kidney day on 13.02.2016.

Sixth Project was one day workshop on Public speaking skill Programme on 24.02.2016.

The seventh project was display of posters on the theme **Savewater** along with Rotaract club of Tiruchirapalli.

The Rotractors of National College won the Mr. Ryla Award in the year 2016.

