

AQAR

2018

National College (Autonomous)
Tiruchirapalli - 620 001



Since 1919

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The Annual Quality Assurance Report (AQAR) of the IQAC
National College (Autonomous),
Tiruchirapalli – 620 001, Tamil Nadu.

Part – A

Data of the Institution

1. Name of the Institution : National College (Autonomous)
- Name of the Head of the institution : Dr. R. Sundararaman
 - Designation : Principal
 - Does the institution function from own campus : Yes
 - Phone no./Alternate phone no. : 0431-2482995
 - Mobile no. : 9443187019
 - Registered Email : principal@nct.ac.in
 - Alternate Email : principalrsr@nct.ac.in
 - Address : Dindigul Road, Karumandapam
 - City/Town : Tiruchirapalli
 - State/UT : Tamil Nadu
 - Pin Code : 620 001
2. Institutional status:
- Autonomous Status : 12.03.2010
 - Type of Institution : Co-education✓ / Men / Women
 - Location : Rural / Semi-urban/Urban✓
 - Financial Status : Grants-in aid ✓/ UGC 2f and 12 (B)✓ / Self financing✓
 - Name of the IQAC Co-ordinator/Director: Dr. M.S. Mohamed Jaabir
 - Phone no. /Alternate phone no. : 0431-2482995

- Mobile : 9786425226
- IQAC e-mail address : iqac@nct.ac.in
- Alternate Email address : mohamedjaabir@nct.ac.in

3. Website address: www.nct.ac.in

Web-link of the AQAR: (Previous Academic Year): www.nct.ac.in/AQAR2017-2018.pdf

4. Whether Academic Calendar prepared during the year? Yes

Weblink : <http://www.nct.ac.in/downloads/handbook/2017-2018.pdf>

5. Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1 st	A	---	2005	From 2005 to 2011
2 nd	A	3.34	2011	From 2011 to 2016
3 rd	A+	3.61	2016	From 2016 to 2023

6. Date of Establishment of IQAC: 23.09.2005

7. Internal Quality Assurance System

7.1 Quality initiatives by IQAC during the year for promoting quality culture

Item /Title of the quality initiative by IQAC	Date & duration	Number of participants/beneficiaries
AQAR	11.09.2017	All the staff and students are benefitted
IQAC	09.04.2018	24
NIRF	21.11.2017	All the staff and students are benefitted

8. Provide the list of Special Status conferred by Central/ State Government-

UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/ Department/Faculty	Scheme	Funding agency	Year of award with duration	Amount
Institution	FIST	DST	2017-2018	1,10,00,000

9. Whether composition of IQAC as per latest NAAC guidelines:

Yes. Members list has been uploaded in the College website <http://www.nct.ac.in/college-iqac.html>

10. No. of IQAC meetings held during the year: 02

The minutes of IQAC meeting and compliance to the decisions have been uploaded on the institutional website. Yes. <http://www.nct.ac.in/college-iqac.html>

11. Whether IQAC received funding from any of the funding agency to support its activities during the year? No.

12. Significant contributions made by IQAC during the current year

- * The College signed an agreement with Central Depository Services (India) Limited (CDSL) for National Academic Depository (NAD) Services on 03.01.2018. With this the soft copy of Certificates, Diploma, Degrees, Mark sheets etc., of the students of the College will be stored with CDSL. This will facilitate to access, verify and validate the records of the students at any point of time by any organizations with permission from the students.
- * A five day residential Faculty Development Programme from 11.09.2017 to 15.09.2017 was organized for the newly joined 21 staff members in the Government aided category.
- * A two day Leadership Training Camp in association with Palkhivala Foundation, Chennai was held in our College on 7th & 8th September, 2017 for the inter-collegiate students. Mr. Rajiv Luv and Mr. Sachin Kamath from Mumbai were the resource persons for the programme.
- * A five day training programme for Secondary Grade School Teachers and BT assistants was conducted from 28.08.2017 to 01.09.2017.
- * IQAC conducted 02 meeting during the year to plan and review the activities of the College.

13. Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year

Plan of Action	Achievements/Outcomes
It was planned	
To start PG Diploma Course in Analytical Techniques	The Department of Chemistry inaugurated the Post Graduate Diploma Course in Analytical Techniques on 18.08.2017. A one day Workshop on 'Analytical Techniques' was conducted on that day.

To conduct Leadership Training Camp as in previous year in association with Palkhivala Foundation	A two day Leadership Training Camp in association with Palkhivala Foundation, Chennai was held in our College on 7 th & 8 th September, 2017 for the inter-collegiate students. Mr. Rajiv Luv and Mr. Sachin Kamath from Mumbai are the resource persons for the programme.
To conduct Bridge Course for the freshers of the UG programme	Bridge Course was inaugurated for the first year students on 01.08.2017. The course apart from the language skills, imparted life skills to the students.
To conduct Training programme for the School Teachers	A five day training programme for Secondary Grade School Teachers and BT assistants was conducted from 28.08.2017 to 01.09.2017.
To conduct Seminars and Workshops in large numbers.	16 Seminars/Workshops were organized by various departments. (See Annexure-I)
To conduct all the Endowment Lectures inviting Eminent Researchers in the respective field.	09 Endowment Lectures were organized during the year. (See Annexure-II)
To join National Academic Depository (NAD) Services for safe keeping and for verifying the records of the students	The College signed an agreement with Central Depository Services (India) Limited (CDSL) for National Academic Depository (NAD) Services on 03.01.2018. With this the soft copy of Certificates, Diploma, Degrees, Mark sheets etc., of the students of the College will be stored with CDSL. This will facilitate to access, verify and validate the records of the students at any point of time by any organizations with permission from the students.
To conduct regular events like our College Annual day, Sports day, Graduation day, Annual Alumni Association meeting and so on.	<ul style="list-style-type: none"> * College day was celebrated on 14th March, 2018. * Sports day was celebrated on 16th February, 2018. * Graduation day was celebrated on 24th March, 2018. * Annual Alumni meet was celebrated on 4th February, 2018.
To organize Entrepreneurship Development programme in the College.	Entrepreneurship Development Innovation Institute of India – Ahmedabad and Entrepreneurial Development Cell of our College jointly organized the PM-YUVA Yojana Certificate course awareness programme was organized in the College on 04.01.2018.
To conduct NACOTECH by the Department of Computer Science and NACOMAT by the Department of Mathematics	NACOTECH was organized on 02.02.2018 and NACOMAT was organized on 15.02.2018

To start Royal Society of Chemistry (RSC) Students Chapter	Royal Society of Chemistry (RSC) Students Chapter was inaugurated in the College on 18.12.2017. RSC headquartered in the UK, is the largest body for advancing Chemical Science.
To release the Blood Donars Directory Supplement in the College	NCC (Air Wing) of our College released the Blood Donars Directory Supplement on 30.01.2018.
To continue to publish News Bulletin, College Magazine and Student Handbook	The two News Bulletin (See Annexure III & IV) covering activities of each semester and Student Handbook (See Annexure V) were published.

14. Whether the AQAR was placed before statutory body? Yes

Name of the Statutory body : Governing Board and College Committee
Date of meeting(s)
Governing Board Meeting : 04.10.2017
College Committee : 09.08.2017, 09.09.2017, 30.12.2017 and 26.03.2018

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning?

No

16. Whether institutional data submitted to AISHE : Yes

Year: 2017-2018 Date of Submission : 16.02.2018

17. Does the Institution have Management Information System? Yes

If yes, give a brief description and a list of modules currently operational.

We have a custom made management information system. The system has the following modules.

- * Admission
- * Fees collection
- * Hostel fees collection
- * Attendance
- * Issue of Certificates like Bonafide, Fees structure, No Dues, Attendance and Course Completion.

We have an exclusive custom made software for the office of the Controller of Examination which has the following modules.

- * Examination application
- * Issue of Hall Ticket

- * Entry of Internal assessment marks by Staff members and external marks by examiners
- * Publication of results
- * Semester wise and consolidated Mark Statements

All the above mentioned facilities are available through online.

The claim of monthly salary of Teaching and Non-Teaching staff is done through Government of Tamil Nadu portal. The claim of Scholarship amount for SC/ST/OBC students is also done through an exclusive portal of Government of Tamil Nadu.

All the Library activities are managed by an exclusive software namely “Nirmaal”. OPAC facility has also been provided.

Part-B

CRITERION I – CURRICULAR ASPECTS			
1.1 Curriculum Design and Development			
1.1.1 Programmes for which syllabus revision was carried out during the Academic year			
Name of programme	Programme Code	Dates of revision	
M.Sc., Geophysics	GPP	June 2017-2018	
M.Sc., Yoga	YGP	June 2017-2018	
B.Litt.,	BLU	June 2017-2018	
Certificate programme on Herbal Medicine	---	June 2017-2018	
1.1.2 Programmes / courses focussed on employability / entrepreneurship / skill development during the Academic year			
Programme with Code	Date of Introduction	Course with Code	Date of Introduction
Diploma in Welding and Fabrication	2015-2016	Computer Application I MS Office	2010-2011
Post Graduate Diploma in Analytical Technique	2017-2018	Computer Application II Photoshop, Coral Draw and Page Maker	2010-2011
Post Graduate Diploma in Bioprocess Technology	2014-2015	Computer Application – Practical - MS Office, Photoshop, Coral Draw and Page Maker (DTP)	2010-2011
Diploma in Journalism and Editing	2017-2018	Accounting package – Tally (Theory & Lab)	2010-2011
Diploma in Factory Management	2017-2018	Web page designing using HTML	2017-2018
---	---	Practical – Web Designing using HTML with Java Script	2017-2018
---	---	Java Script and ASP	2017-2018
---	---	Practical – HTML Java script and ASP Lab	2017-2018
---	---	Fundamentals of XML	2017-2018

1.2 Academic Flexibility					
1.2.1 New programmes/courses introduced during the Academic year					
Programme/Course				Date of introduction	
A Course on English through extensive reading is introduced as a Language Course for the programme.				June 2017-2018	
The syllabus for Certificate programme on Indian Culture Heritage and Vedas which is offered by the Department of Sanskrit of our College				June 2017-2018	
A Course on Teaching and Learning skills was introduced in M.Phil., Zoology programme				June 2017-2018	
Python Programming Lab				January 2018	
Python programming				January 2018	
A course on indirect taxes in M.Com. programme was replaced by “Organizational Behaviour” as the indirect taxes course as become redundant due to the introduction of GST				June 2018	
Name of Programmes adopting CBCS	UG	PG	Date of implementation of CBCS / Elective Course System	UG	PG
The College adopts CBCS system in all the UG, PG and M.Phil. programmes since 2005.					
1.3 Curriculum Enrichment					
1.3.1 Value-added courses imparting transferable and life skills offered during the year					
Value added courses		Date of introduction		Number of students enrolled	
There is a Value based course offered to all the UG students.		2010-2011		1,370	
1.3.2 Field Projects / Internships under taken during the year					
Project/Programme Title				No. of students enrolled for Field Projects / Internships	
Plants collection project for B.Sc. and M.Sc. Botany				B.Sc.,	24
				M.Sc.,	14
Animal (Invertebrate) Collection tour for B.Sc., and M.Sc., Zoology				B.Sc.,	24
				M.Sc.,	12
Fossil, Mineral and Raw collection field trip for B.Sc., Geology and M.Sc., Applied Geology				B.Sc.,	36
				M.Sc.,	12

Field Mapping for M.Sc., Applied Geology	M.Sc.,	-	12
Industrial Visit for M.Sc., Chemistry in chemical and pharmaceutical industries	M.Sc.,	-	25
Industrial visit for M.Sc., Physics in Nuclear power plant and Crystal Growth laboratories	M.Sc.,	-	48
Welding training for Diploma in Welding and Fabrication	Welding and Fabrication -		50
1.4 Feedback System			
1.4.1 Whether structured feedback received from all the stakeholders.			
1) Students	2) Teachers	3) Employers	4) Alumni
5)Parents			
Yes	No	No	Yes
			Yes
1.4.2 How the feedback obtained is being analyzed and utilized for overall development of the institution?			
<p>Feedback is collected by using Google forms in the online mode. All the students of the College are allowed to give their opinion / feedback about all those faculty who came to their respective classes in the past semester. The feedback is obtained on a 5-point scale, where '1' is minimum and '5' maximum score. Every student at the same time also renders his / her opinion about the campus facilities in general on a similar 5-point scale. The responses are consolidated on excel spread sheet and produced to the faculty concerned for their own appraisal or improvement.</p>			

CRITERION II -TEACHING-LEARNING AND EVALUATION**2.1 Student Enrolment and Profile**

2.1.1 Demand Ratio during the year

Name of the Programme	Number of seats available	Number of applications received	Students Enrolled
Under Graduate			
B.Sc., Biotechnology	44	58	43
Bachelor of Business Administration	110	135	107
Bachelor of Literature	50	28	16
B.Sc., Botany	48	35	21
B.Sc., Chemistry	136	145	89
Bachelor of Commerce	400	378	224
B.Com., with Computer Application	60	78	60
Bachelor of Computer Application	110	172	110
B.Sc., Computer Science	110	168	109
B.A., Economics	50	48	40
B.A., English	190	128	97
B.Sc., Geology	128	115	84
B.A., History	100	20	14
B.Sc., Information Technology	30	12	08
B.Sc., Mathematics	230	146	121
B.Sc., Physical Education	66	71	66
B.Sc., Physics	136	105	82
B.A., Tamil	60	37	27
B.Sc., Zoology	88	54	43

Post Graduate			
M.Sc., Biotechnology	13	12	09
M.Sc., Botany	14	18	13
M.Sc., Chemistry	57	52	48
Master of Commerce	57	59	46
M.Com., with Financial Management	02	04	02
M.Sc., Computer Science	17	22	09
M.A., Economics	25	14	10
M.A., English	43	40	34
M.Sc., Applied Geology	12	15	11
M.Sc., Mathematics	47	62	45
M.Sc., Physics	48	45	39
M.A., Tamil	25	13	08
M.Sc., Zoology	12	09	03
M.Phil.			
Biotechnology	10	---	---
Botany	35	06	04
Chemistry	59	---	---
Commerce	56	04	01
Computer Science	05	08	05
Economics	31	05	01
English	41	32	23
Geology	43	---	---
Mathematics	32	15	09
Physical Education	05	---	---
Physics	55	14	08
Tamil	58	12	06
Zoology	05	03	01

2.2 Catering to Student Diversity

2.2.1. Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of full time teachers available in the institution teaching only UG courses	Number of full time teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2017-2018	3279	455	---	---	258

2.3 Teaching - Learning Process

2.3.1 Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of teachers on roll	Number of teachers using ICT (LMS, e-Resources)	ICT tools and resources available	Number of ICT enabled classrooms	Number of smart classrooms	E-resources and techniques used
258	228	PowerPoint, INFLIBNET, NLIST, SWAYAM	15	15	SWAYAM, Tele-conferencing, PowerPoint Presentation

2.3.2 Students mentoring system available in the institution?

Under the tutor ward system, a batch of students, not exceeding 20 is assigned to a professor on their admission to I Year U.G/ P.G programmes. The professor is designated as tutor and entrusted with the responsibility of mentoring the students throughout the duration of the programme. The idea is to build a good rapport between them so that boys can get personal attention and the teachers can understand the students and their requirements thoroughly. The wards meet the tutor individually after a common first meeting where the basic theme of the system and the role of the wards are explained. The students are assured of assistance and guidance on all matters relating to their welfare. The wards meet the tutor at least twice in a month. Frequency of meetings is decided by the needs of the students and the tutor adopts an open door policy. A counselling record note is prepared for each student. It contains vital information about the student. His academic performance in tests, attendance and details of assignment submission are recorded in the note. The tutor gives his comments and records his suggestions. Parents/ guardians are informed of the performance and progress; and their signature is obtained in the note.

The tutor makes an evaluation of the wards capabilities, skills, aspirations and aptitude. He counsels him on the steps to be taken for achieving his goals. For instance, a student who wishes to take to teaching is counselled on teacher education, courses to be studied, requirement of the job etc.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor: Mentee Ratio
3734	258	1:15

2.4 Teacher Profile and Quality

2.4.1 Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
306	258	48	36	153

2.4.2 Honours and recognitions received by teachers

(received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

Year of award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2017-2018	Dr. D. Prasanna Balaji	Physical Director	NSS – Best Programme Officer Award from Pre Republic Day Parade Camp Ministry of Youth Affairs
2017-2018	Dr. D. Prasanna Balaji	Physical Director	NSS Programme officer award for the welfare of the Student Community, Tamil Nadu Police
2017-2018	Dr. J. Buvaneswari	Assistant Professor, Department of Tamil	Thiruvalluvar Award – Indian Academic Research Association
2017-2018	Dr. N. Manickam	Association Professor, Department of Tamil	Thirumurai Chemmal – Thirumurai Mandram, Rockfort, Trichy.
2017-2018	Dr. J. Buvaneswari	Assistant Professor, Department of Tamil	Best Faculty Award – Indian Academic Research Association

2.5 Evaluation Process and Reforms

2.5.1 Number of days from the date of semester-end/ year- end examination till the declaration of results during the year

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year- end examination	Date of declaration of results of semester-end/ year- end examination
UG/PG	---	Semester I 2017-2018	21 st November, 2017	23.11.2017
		Semester II 2017-2018	17 th May, 2018	19.05.2018
M.Phil.,	---	Full Time 2017-2018	23 rd February, 2018	24.02.2018
		Part Time 2017-2018	16 th May, 2018	21.05.2018

2.5.2 Average percentage of Student complaints/grievances about evaluation against total number appeared in the examinations during the year

****Do not include re-evaluation/ re-totalling***

Number of complaints or grievances about evaluation	Total number of students appeared in the examination	Percentage
Nil	---	---

2.6 Student Performance and Learning Outcomes

2.6.1 Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution

(to provide the web-link)

The Learners Outcome Based Curriculum will be introduced from the year 2019-2020.

2.6.2 Pass percentage of students				
Programme Code	Programme name	Number of students appeared in the final year examination	Number of students passed in final Semester /year examination	Pass Percentage
Under Graduate				
BBA	Business Administration	79	51	64.56%
BSBO	Botany	25	15	60%
BSCH	Chemistry	47	34	72.34%
BCOM	Commerce	198	143	72.22%
BCOMCA	Commerce with Computer Application	60	45	75%
BCA	Computer Application	100	75	75 %
BSCS	Computer Science	101	62	61.39%
BAEC	Economics	34	26	76.47%
BAEN	English	83	60	72.29%
BSGY	Geology	43	38	88.37%
BAHY	History	17	08	47.06%
BSMS	Mathematics	110	100	90.91%
BSPE	Physical Education	38	23	60.53%
BSPH	Physics	50	42	84%
BATL	Tamil	29	23	79.31%
BSZY	Zoology	22	17	77.27%
Post Graduate				
MSBT	Biotechnology	04	04	100%
MSBO	Botany	06	06	100%
MSCH	Chemistry	24	22	91.67%
MCOM	Commerce	29	27	93.10%

MSCS	Computer Science	08	06	75%
MAEC	Economics	14	13	92.86%
MAEN	English	28	24	85.71%
MSAGY	Applied Geology	07	07	100%
MSMS	Mathematics	25	25	100%
MSPH	Physics	29	26	89.66%
MATL	Tamil	07	07	100%
MSZY	Zoology	09	09	100%

2.7 Student Satisfaction Survey

2.7.1 Student Satisfaction Survey (SSS) on overall institutional performance

SSS is surveyed from all the students of the College through a feedback record system using Google forms. Every student assesses the institution on several quality parameters on a 5 point scale. Questions include facilities and performances of the institutions on academic and administrative levels.

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 Promotion of Research and Facilities

3.1.1 The institution provides seed money to its teachers for research,

No. But chemicals, glasswares, stationery and other consumables are given free of cost for all the Science teachers for the research work. There is a Common Instrumentation Facility namely NCIF in the College with sophisticated high end research equipment. The teachers are given concessional tariff for the analysis in the laboratory. Researchers who conduct seminars/workshops/conference, publish papers and guide Ph.D., scholars are given cash incentives. Staff who travel abroad for Conference are given a sum of Rs. 10,000/- as travel grant. The list of the awardees is given in section no.6.3.1

Name of the teacher getting seed money	The amount of seed money	Year of receiving grant	Duration of the grant
---	---	---	---

3.1.2 Teachers awarded National/International fellowship for advanced studies / research during the year

	Name of the teacher awarded the fellowship	Name of the Award	Date of Award	Awarding Agency
National	---	---	---	---
International	---	---	---	---

3.2 Resource Mobilization for Research

3.2.1 Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding Agency	Total grant sanctioned	Amount received during the year
Major projects	3 years	UGC DST - SERB	46,53,500 1,05,94,200	48,29,600 8,72,343
Minor Projects	1 year	UGC	2,45,000	1,60,000
Interdisciplinary Projects	---	---	---	---
Industry sponsored Projects	3 years	NIOT	22,00,000	10,69,911

Projects sponsored by the University/ College	---	---	---	---
Students Research Projects (other than compulsory by the College)	---	---	---	---
International Projects	---	---	---	---
Any other Grant under the scheme of College with Potential for Excellence	5 years	UGC	1,18,00,000	1,04,68,000
Total	---	---	2,94,92,700	1,73,99,854
3.2.2 Number of ongoing research projects per teacher funded by government and non-government agencies during the years				
08 Major projects and 02 Minor Projects. (See Annexure VI)				
3.3 Innovation Ecosystem				
3.3.1 Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year				
Title of Workshop/Seminar		Name of the Dept.		Date(s)
---		---		---
3.3.2 Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year				
Title of the innovation	Name of the Awardee	Awarding Agency	Date of Award	Category
---	---	---	---	---
3.3.3 No. of Incubation centre created, start-ups incubated on campus during the year				
Incubation Centre		Name		Sponsored by
---		---		---
Name of the Start-up		Nature of Start-up		Date of commencement
---		---		---

3.4 Research Publications and Awards			
3.4.1 Ph.Ds awarded during the year			
Name of the Department		No. of Ph. Ds Awarded	
Biotechnology		---	
Botany		04	
Chemistry		01	
Commerce		12	
Economics		---	
English		10	
Geology		03	
Management		---	
Mathematics		---	
Philosophy		02	
Physics		07	
Tamil		04	
Zoology		---	
See Annexure VII			
3.4.2 Research Publications in the Journals notified on UGC website during the year			
	Department	No. of Publication	Average Impact Factor, if any
National	Biotechnology	06	---
	Botany	14	---
	Business Administration	01	---
	Chemistry	11	---
	Commerce	04	---
	Computer Science	01	---
	Economics	02	---

	English	02	---
	Geology	04	---
	Mathematics	15	---
	Physics	07	---
	Tamil	05	---
	Zoology	06	---
International	Biotechnology	05	---
	Botany	16	---
	Chemistry	02	---
	Commerce	04	---
	Computer Science	03	---
	Economics	03	---
	English	02	---
	Mathematics	20	---
	Physics	02	---
	Zoology	01	---

See Annexure VIII

3.4.3 Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	No. of publication
Botany	01
Zoology	01
Physics	02
Librarian	01
History	03

3.4.4 Patents published/awarded during the year						
Patent Details	Patent status Published / Filed			Patent Number	Date of Award	
---	---			---	---	
3.4.5 Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or Pub Med/ Indian Citation Index						
Title of the paper	Name of the author	Title of the journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citations
Data not available with us.						
3.4.6 h-index of the Institutional Publications during the year. (based on Scopus/ Web of science)						
Title of the paper	Name of the author	Title of the journal	Year of publication	h-index	Number of citations excluding self citations	Institutional affiliation as mentioned in the publication
Data not available with us.						
3.4.7 Faculty participation in Seminars/Conferences and Symposia during the year :						
No. of Faculty	International level		National level		State level	Local level
Attended Seminars/ Workshops	05		10		14	---
Presented papers	52		42		---	---
Resource Persons	---		02		---	---
See Annexure IX						
3.5 Consultancy						
3.5.1 Revenue generated from Consultancy during the year						
Name of the Consultant(s) department	Name of Consultancy project			Consulting / Sponsoring Agency	Revenue generated (amount in rupees)	
Geology	Field Investigations for shore line management project along the coastal stretch between Poovar and Thuthukudi, Tamil Nadu coast			NIOT, Chennai	22,43,000	

3.5.2 Revenue generated from Corporate Training by the institution during the year				
Name of the Consultant(s) & Department	Title of the Programme	Agency seeking training	Revenue generated (amount in rupees)	Number of trainees
NCIF	Analysis of sample using sophisticated research equipment	Colleges, Universities and Research Institutions across India	6,89,000	350 samples
3.6 Extension Activities				
3.6.1 Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS / NCC / Red cross / Youth Red Cross (YRC) etc., during the year				
Title of the Activities	Organising unit/ agency/ collaborating agency	Number of teachers co-ordinated in such activities	Number of students participated in such activities	
NCC Camp, Thoothukudi	Naval Wing NCC, Thoothukudi	01	20	
NCC Camp, Bodi	Naval Wing NCC, Bodi	---	05	
NCC Camp, Madurai	Naval Wing NCC, Madurai	---	15	
NCC Camp, Pondicherry	Naval Wing NCC, Pondicherry	01	04	
Mother Feeding Awareness	Ageu Foundation	20	200	
Tree Plantation	---	06	25	
Road safety Rally	Tamil Nadu Police	05	200	
Creative Draw	Rotary Club Diamond City	12	1000	
Blood Donation Awareness Rally	V-Dart Consultancy	12	800	
Tree Plantation	Rotary Club	08	130	
NSS Day Celebration	Trichy Marathon	50	20,000	
Care Free Zone Rally	The Hindu	08	1000	

3.6.2 Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the Activity	Award/recognition	Awarding bodies	No. of Students benefited
Pre-Republic Day Parade	Best volunteer Award	NSS	Ms. Teena

3.6.3 Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/ agency/ collaborating agency	Name of the activity	Number of teachers co-ordinated such activities	Number of students participated in such activities
Swachh Survekshan	Trichy Corporation	Swachh Bharat	04	150
IYD	Naval Wing NCC	Yoga Day	01	35
Swachh Bharat	Naval Wing NCC	Essay Competition	01	10
Swachh Bharat	Naval Wing NCC	Campus cleaning	01	50

3.7 Collaborations

3.7.1 Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of Activity	Participant	Source of financial support	Duration
Research on Metal containing Heterogenous Catalyst	Dr. Murali and Prof. Selvam	SERB	12 Months
X-Ray Diffraction studies	Dr. Murali and Dr. T. Punniyamurthy	SERB	Continuous
X-Ray Diffraction studies	Dr. Murali and Dr. R. Murugavel	SERB	Continuous
Studies on Ruthenium Anti Cancer drugs	Dr. Murali and Dr. M. Velusamy	SERB	12 Months

Density Functional Theory calculations	Dr. Murali and Dr. M.M. Balakrishnarajan	UGC	12 Months
Textile Industry Sludge Disposal/ Management	Dr. S. Senthil Kumar	Common Effluent Treatment Plant, Perundurai	12 Months
product development in waste water treatment	Dr. S. Senthil Kumar	Eureka Forbes R&D Division, Bangalore	12 Months
Microbiological testing of their process and products	Dr. S. Senthil Kumar	EP Purification Inc., USA for Microbiological testing of their process and products	12 Months
Feasibility testing of bacterial separation from whole blood	Dr. S. Senthil Kumar	Athmic Biotech Solutions Pvt. Ltd., Kerala	12 Months
Paleo-sea-level change studies	Dr. S. Senthil Kumar	The Department of Geology, IISER, Kolkatta	12 Months
Microbiological testing for their products	Dr. S. Senthil Kumar	Splendour Medicare technologies, Coimbatore	12 Months
To work on nanotechnology aspects for textile dye degradation	Dr. S. Senthil Kumar	The Department of Microbial Biotechnology, Bharathiar University, Coimbatore	12 Months
to work on textile effluent treatment with marine diatoms	Dr. S. Senthil Kumar	Centre for Advanced Studies in Marine Biology, Annamalai University	12 Months
to work on Bioinformatics based approaches for textile dye degradation studies	Dr. S. Senthil Kumar	the Department of Biotechnology, Shivaji University, Kolhapur	12 Months
Interdisciplinary centre for water sciences (Under pipeline)	Dr. S. Senthil Kumar	Colorado College, Colorado Springs, USA	12 Months
to offer a Short term intensive Certificate Programme on “Water Testing” (Under pipeline)	Dr. S. Senthil Kumar	Aquadiagnostics Pvt. Ltd, Bangalore	12 Months

To record XPS (X-ray Photoelectron Spectroscopy) for my synthesized nano crystals	Dr. V. Renuga	Dr. M. Navaneethan, Professor, Research Institute of Electronics, Shizuoka University, Hamamatsu, 4328011, Japan	From January, 2017 to till date
To Characterize TEM studies (Transmission Electron Microscope)	Dr. V. Renuga	Dr. E. Manikandan Professor, Department of Physics Thiruvalluvar University, Vellore- 632115	From July, 2016 to till date
To have some discussion in the synthetic part and also helped to synthesis some part of our nano crystals	Dr. V. Renuga	Dr. J. Justin Research Professor, Korea University, Selong Campus	From April, 2016 to till date
Joint Research Project and Publications	Dr. C. Muthukumar	NPST, Department of Botany & Microbiology, College of Science, King Saud University, Riyadh, Saudi Arabia	From 2017 to till date
Joint Research Project and Publications	Dr. C. Muthukumar	Department of Microbiology, Bharathidasan University, Tiruchirapalli University Grants Commission, New Delhi	From 2010 to till date
Joint Research Project and Publications	Dr. S. Muhamad Rafiq	Department of Organic Chemistry, University of Madras, Guindy campus, Chennai, India. Department of Science and Technology, New Delhi	From 2011 to Till date
Joint Research Project and Publications	Dr. S. Muhamad Rafiq	CAS Key Laboratory of Organic Solids, Institute of Chemistry, Chinese Academy of Sciences, Beijing 100190, China	From 2017 to Till date

Consultancy Project	Dr. S. Selvaraj	NIOT, Chennai Ministry of Earth Sciences	2016-2018
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3.7.2 Linkages with institutions/industries for internship, on-the-job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration (From-To)	participant
Welding and Fabrication	Welding training	R.K. Metal Industries India Pvt. Ltd.,	January, 2018	Students of Diploma in Welding and Fabrication
Institutional Visit	Crystal Growth study	SSN College of Engineering	September, 2017	Students of M.Sc., Physics
Field visit	Lignite study	Neyveli Lignite Corporation Ltd.	February, 2018	Students of B.Sc., and M.Sc., Geology
Mapping	Geological Mapping	Mineral Exploration Corporation Ltd.	February, 2018	Students of B.Sc., and M.Sc., Geology
Industrial Visit	Environmental Chemistry	SSM Fine Yarns Private Limited, Eluvanampatty, Batlagundu	03.03.2017	42 students in III B.Sc., Chemistry

3.7.3 MoUs signed with institutions of national, international importance, other institutions, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose and Activities	Number of students/teachers participated under MoUs
CDSL Ventures Limited	04.01.2018	For the Safe keeping and retrieval of Mark Statements and degree certificates	All the students of the College

CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES**4.1 Physical Facilities**

4.1.1 Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
Rs.1,00,00,000/-	Rs. 1,21,92,069/-

4.1.2 Details of augmentation in infrastructure facilities during the year

Facilities	Existing	Newly added
Campus area	27.8 Acres	---
Class rooms	122	04
Laboratories	27	02 (Geo-Microbiology Lab & Sedimentology Lab)
Seminar Halls	09	---
Classrooms with LCD facilities	46	---
Classrooms with Wi-Fi/ LAN	122	---
Seminar halls with ICT facilities	09	---
Video Centre	02	---
No. of important equipments purchased (\geq 1-0 lakh) during the current year.	43	05
Value of the equipment purchased during the year (Rs. In Lakhs)	1128.35	56,65,582
Others (Computer peripherals & Multimedia solutions)	410	171

4.2 Library as a Learning Resource**4.2.1 Library is automated {Integrated Library Management System (ILMS)}**

Name of the ILMS software	Nature of automation (fully or partially)	Version	Year of automation
NIRMAL	Fully automated	Pro 3.2.0	2010

4.2.1 Library Services:									
	Existing		Newly added		Total				
	No.	Value	No.	Value	No.	Value			
Text Books	98,015	8,68,64,305	1,250	2,25,000	99,265	8,70,89,305			
Reference Books	9,233	12,04,902	213	5,09,951	9,446	17,14,853			
e-Books	---	---	4,000	25,000	4,000	25,000			
Journals	102	427250	---	1,80,000	102	1,80,000			
e-Journals	84,746	1,10,750	5,100	21,500	89,846	1,32,250			
Digital Database	Nil	Nil	Nil	Nil	Nil	Nil			
CD & Video	Nil	Nil	18	1,440	18	1,440			
Library automation	Yes	60,000	Updation	25,000	Yes	85,000			
Weeding (Hard & Soft)	Nil	Nil	102	18,000	102	18,000			
Others (specify) Digital Library	10	5,00,000	---	---	10	5,00,000			
4.2.2 E-content developed by teachers such as: e-PG-Pathshala, CEC (under e-PG-Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc									
Name of the teacher	Name of the module		Platform on which module is developed		Date of launching e – content				
---	---		---		---				
4.3 IT Infrastructure									
4.3.1 Technology Upgradation (overall)									
	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Available band width (MGBPS)	Others
Existing	234	08	234	01	08	14	25	20 Mbps	---
Added	171	01	171	---	01	05	---	---	---
Total	405	09	405	01	09	19	25	20 Mbps	---
4.3.2 Bandwidth available of internet connection in the Institution (Leased line)									
20 MBPS									

4.3.3 Facility for e-content			
Name of the e-content development facility		Provide the link of the videos and media centre and recording facility	
---		---	
4.4 Maintenance of Campus Infrastructure			
4.4.1 Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year			
Assigned budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
Rs.30,00,000	Rs.32,63,937	Rs.1,60,00,000	Rs.1,63,59,372
4.4.2 Procedures and policies for maintaining and utilizing physical, academic and support facilities – laboratory, library, sports complex, computers, classrooms etc. (information to be available in institutional Website)			
<p>The following practice is adopted for the optimal utilization of infrastructure in the campus.</p> <ul style="list-style-type: none"> * Timetable is arranged in such a manner that laboratories are used for various classes at different times. * Some of the programmes are offered in the second shift. * Contact classes of Distance Education programmes are conducted on holidays and after the class hours on working days. * Auditorium and Seminar halls are offered for public use for education related activities at nominal charges. * Tiruchirapalli District Cricket Association and Fencing Association are permitted to make use of the ground daily in the morning and evening hours. * The college premises are made available to Tamil Nadu Public Service Commission, Indira Gandhi National Open University, Tamil Nadu Open University, State Bank of India, Karur Vysya Bank, Power Grid Corporation of India, Amrita University, TANCET etc for the conduct of their examinations. <p>There is a Purchase Committee in the College. At the beginning of the year Principal allocates grant to various departments for purchase of equipments and books. The HoDs of the department in consultation with the staff members decide about the requirement of books and equipment. The department HoD call for quotation from various suppliers and prepare the comparative statement of prices quoted by suppliers. The lowest quotation is chosen. All the quotation documents are forwarded to the College office. The purchase committee scrutinized the documents and approve it. The purchase order is sent to the supplier through the Principal's office.</p>			

The Principal allocates grant to Library for the purchase of common and reference books. Librarian obtains quotation and prepares comparative statement for lowest quotation. The Purchase committee after verification approves it to place purchase order.

The requirement of Computers and other gadgets is obtained from the departments and college office. The purchase committee call for quotation and finalize the lowest quotation.

The Head of the Department of Physical Education submit to the list of Sports and Games articles required for the year. He also obtains quotation from the suppliers and prepares a comparative statement to finalize the lowest quotation and submit to the Principal's office. The purchase committee approves the document.

CRITERION V – STUDENT SUPPORT AND PROGRESSION**5.1 Student Support**

5.1.1 Scholarships and Financial Support

	Name /Title of the scheme	Number of students	Amount in Rupees
Financial support from institution			
	Andalammal Scholarship	10	1,00,000
	Endowment Scholarship	06	18,000
	Endowment prizes	07	21,000
Financial support from other sources			
a) National	BC/MBC	611	12,93,390
	SC/ST	562	37,62,617
	Hostel – SC	70	5,29,500
	Central Sector	98	9,80,000
	Ph.D. Merit	01	36,000
	Ph.D.	03	1,50,000
	Minority Scholarship	31	1,60,580
	Uzhavar Scholarship	399	8,01,750
	Sports Development Scholar	06	30,000
	Tamilnadu Trust	55	1,65,000
b) International	---	---	---
5.1.2 Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,			
Name of the capability enhancement scheme	Date of implementation	Number of students enrolled	Agencies involved
Bridge Course	26.06.2017-02.07.2017	1200	Self
Yoga programme	21.06.2017	200	Isha Yoga Centre

Meditation	15.06.2017	250	Isha Yoga Centre
Entrepreneurship Development programme	04.01.2018	50	PM YUVA Yojana
Leadership training programme	07.09.2017 & 08.09.2017		Palkhivala Foundation, Chennai
Workshop on Business Plan preparation	25.09.2017	50	EDII, Government of Tamilnadu
Programme on Learning Disability	23.08.2017	100 Volunteers	NSS Government of India
Popular Lecture Series	10.07.2017 & 11.07.2017	400	Self
Creative Writing	27.07.2017	60	Self
Effective Public Speaking	27.02.2018	50	JCI India Zone 13
NAC ECO MEET	06.03.2018	125	Self
NACOMAT	15.02.2018	150	Self
NACOTECH	02.02.2018	150	Self

5.1.3 Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students by Guidance for Competitive examination	Number of benefited students by Career Counselling activities	Number of students who have passed in the competitive exam	Number of students placed
2017-2018	BBC -Soft Skills Training	661	400	Details are not available	97

5.1.4 Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	No. Of grievances redressed	Average number of days for grievance redressal
---	---	---

5.2 Student Progression

5.2.1 Details of campus placement during the year

On campus			Off Campus
Name of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
IDBI Federal Life Insurance Ltd., Erode	162	40	---
Eureka forbes Ltd	40	18	---
Sky Link Technologies	50	21	---
CETAS Pvt Ltd	20	---	01
IVTL Info view Ltd	75	03	---
L & T	55	03	---
Onyxon Technologies	65	01	---
Khadi Craft Trichy	1	---	01
Atoms Education	20	06	---
Capgemini	63	01	---
CMS IT Solutions Pvt Ltd.	50	04	---
Hire Mee (Online Mode)	150	---	---
Sanmar Pvt Ltd.	26	---	---
Care School of Engineering	---	---	---
JV HRM Pvt Ltd	---	---	---
JALS Network Pvt. Ltd	---	---	---
HR Alcance Tech	---	---	---
Ultra Tech Cement Ltd	---	---	---
TVS training and Services Ltd	---	---	---
Right Line HR Services Ltd	---	---	---
Exide Life	---	---	---

Eccentric HR Ltd	---	---	---
Karvy Stock Broking Pvt Ltd	---	---	---
Live Wire India	---	---	---
Kaarlo Pvt Ltd	---	---	---
Nice Education	---	---	---
Sri Sankara Vidyalaya Montessori CBSE School	---	---	---
Troikaa Pharmaceuticals Ltd	---	---	---

5.2.2 Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of Programme admitted to
2017-2018	09	B.Sc., Botany	Department of Botany	National College	M.Sc., Botany
2017-2018	05	B.Sc., Chemistry	Department of Botany	National College	M.Sc., Chemistry
2017-2018	12	B.Com	Department of Commerce	National College	M.Com.,
2017-2018	03	B.A. Economics	Department of Economics	National College	M.A. Economics
2017-2018	13	B.A., English	Department of English	National College	M.A. English
2017-2018	10	B.Sc., Geology	Department of Geology	National College	M.Sc., Applied Geology
2017-2018	17	B.Sc., Mathematics	Department of Mathematics	National College	M.Sc., Mathematics
2017-2018	10	B.Sc., Physics	Department of Physics	National College	M.Sc., Physics
2017-2018	03	B.A., Tamil	Department of Tamil	National College	M.A., Tamil

5.2.3 Students qualifying in state/ national/ international level examinations during the year (eg: NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	No. Of Students selected/ qualifying	Registration number/roll number for the exam
NET	---	---
SET	---	---
SLET	---	---
GATE	---	---
GMAT	---	---
CAT	---	---
GRE	---	---
TOFEL	---	---
Civil Services	---	---
State Government Services	---	---
Any Other	---	---

5.2.4 Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Participants
Silambam Championship	District	999
Table Tennis Ranking Tournament	District	858
Bharathidasan University Inter-Collegiate Tournament	District	350
Belmont T20 Corporate Cricket Tournament	District	450
Inter-Collegiate Chess Championship	District	950
Taekwondo Championship	District	850
International Yoga Day	District	910
Rollers Skating National Camp	National	350
Badminton Tournament	District	450
Summer Camp	District	250

National Sports Day Championship	District	350
Inter-Department Sports and Games Competitions	College	1200
Annual Sports Meet	College	4000
Foot Ball League Tournament	District	850
NACOTECH	College	150
NACOMAT	College	125
NAC ECO MEET	College	170

5.3 Student Participation and Activities

5.3.1 Number of awards / medals for outstanding performance in sports / cultural activities at national/international level (award for a team event should be counted as one)

Year	Name of the award / medal	National / International	Sports	Cultural	Student ID number	Name of the student
2017-2018	Dr. M.G. R. Centenary year Trophy Gold Medal	State	Soccer	---	---	College Team
2017-2018	Gold Medal	State (Dr. M.G. R. Centenary year Trophy)	Taekwondo	---	PEUS17045 PEUS17034	Ms. Veni & Ms. Vedha
2017-2018	Silver Medal	Senior National Opens	Athletics	---	ENUA15037	Ms. Chandraleka
2017-2018	Gold Medal	District	Cricket	---	---	College Team
2017-2018	---	National	Athlet- 100 & 200 Meters	---	ENUA15037	Ms. Chandraleka
2017-2018	---	National	Athlet – 100 Meters	---		Mr. Guru Jawahar
2017-2018	Gold Medal	University	Power Lifting	---	---	Mr. Manikandan – II M.Com
2017-2018	Gold Medal	University	200 Meters	---	ECUA17017	Mr. Anantha krishnan
2017-2018	Gold Medal	University	High Jump	---	ECUS17012	Mr. S. Veeramani
2017-2018	Silver Medal	University	200 Meters	---	COUA17219	Mr. Yugan

2017-2018	Gold Medal	University	400 Meters	---	COUS17218	Mr. Amal Infant Akash
2017-2018	Gold Medal	University	400 Meters	---	ENUA17010	Mr. Prem Kumar
2017-2018	Gold Medal	University	400 Meters Hurdles	---	PHUA16043	Mr. Kester Elwin Abhisheik
2017-2018	Gold Medal	University	110 Meters Hurdles	---	ENUA17006	Mr. Simma Sandeep
2017-2018	Gold Medal	University	Long Jump	---	ECUA16012	Mr. S. Jagadeesh
2017-2018	Gold Medal	National	100 Meters Hurdles	---	ECUA17030	Ms. Ranjani
2017-2018	Silver Medal	National	Heptathlon	---	ECUA17034	Ms. K. Vembarasi
2017-2018	Silver Medal	National	10,000 Meters walk	---	ECUA17033	Ms. Kiruthika
2017-2018	Gold Medal	National	High Jump	---	COUA16141	Ms. Emimal Beula
2017-2018	Silver Medal	National	100 Meters	---	BCUS16101	Ms. Monika
2017-2018	Gold Medal	State	Soccer	---	---	Team of students
2017-2018	Silver Medal	University	Cricket	---	PEUS16013	Mr. Vinoth
2017-2018	Gold Medal	National	Kabaddi	---	PEUS17052	Mr. C. Vignesh Mr. M. Vimalraj
2017-2018	Gold Medal	National	Silambam	---	PEUS17020	Mr. Yogan
2017-2018	Silver Medal	National	Boxing	---	PEUS17022	Ms. Radhika
2017-2018	Gold Medal	National	Taekwondo	---	PEUS17038 PEUS17034	Ms. Veni Ms. C. Vedha
2017-2018	Bronze Medal	National	400 Meters Hurdles	---	PEUS17045	Mr. T. Santhosh Kumar
2017-2018	Silver Medal	District	Cricket	---	---	College Team

5.3.2 Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

There are students representatives in IQAC. They represent the grievances not only about quality enhancement in the College but also about general amenities.

Students have free access with respective head of the department. They represent grievances to HoD on academic and other matters. HoD give solution if it is within his / her purview, otherwise the matter is brought to the notice of head of the institution for redressal.

5.3 Alumni Engagement

5.3.1 Whether the institution has registered Alumni Association? Yes ✓ / No, if yes give details (maximum 500 words):

Yes. The College has Alumni association with members more than 5000. It has its annual meeting on first Sunday of February every year. More than 600 alumni attend the meeting. Two or three alumni are awarded with distinguished alumni award during the function. Many alumni have established endowments for awarding prizes and giving scholarships to the students.

Each Board of Studies in the College has representatives from the alumni of the respective subject.

IQAC has representative members from the alumni.

Whenever Committees like NAAC peer team, triennial commission, UGC committee an Autonomy etc., visit the College, alumni members are also invited for interaction.

5.3.2 No. of registered Alumni:

5,500

5.3.3 Alumni contribution during the year (in Rupees) :

Rs. 4,20,000/-

5.3.4 Meetings/activities organized by Alumni Association :

Annual Alumni meeting was held on 04.02.2018. More than 500 old students of the College attended the meeting. Mr. R.P. Marutharajaa, Member of Parliament, Perambalur Constituency and Mr. M.K. Rajagopalan, Chancellor, Sri Balaji Vidyapeeth Deemed University, Puducherry were honoured with Outstanding Alumnus Award.

CRITERION VI –GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 Institutional Vision and Leadership

6.1.1 Mention two practices of decentralization and participative management during the last year (maximum 500 words)

1. A Faculty Development programme was organized for the 21 newly appointed staff members as a residential programme. The management of the College entrusted the job of conducting the five day programme to two staff members namely Ms. R. Soundarya and Ms. B.A. Nancy, Assistant professors in the Department of Commerce. Dr. M.S. Mohamed Jaabir, Coordinator of IQAC was asked to coordinate the programme. The programme was conducted in Don Bosco Human Resource Centre located in a place called Manikandam which is about 10 kilometers from the College. The programme started every day at 5.30 a.m. with Yoga and Meditation and ended upto 11.00 p.m. Many eminent resource persons were invited for delivering lectures on various topics of teacher development. The programme was fully executed by the two staff members with a support of IQAC Coordinator.
2. Department of Mathematics organized an Inter-collegiate Maths competition programme every year in the name of NACOMAT. The programme was also organized in the last year the whole programme was conceived and conducted by the staff and students of the Department of Mathematics.

The Department of Economics introduced a similar programme in the name of NAC ECO Meet in the last year for inter-collegiate competition for the students of Economics. The programme was fully executed by staff of the Department of Economics.

6.1.2 Does the institution have a Management Information System (MIS)?

Yes ✓/ No / Partial:

We have a custom made management information system. The system has the following modules.

- * Admission
- * Fees collection
- * Hostel fees collection
- * Attendance
- * Issue of Certificates like Bonafide, Fees structure, No Dues, Attendance and Course Completion.

We have an exclusive custom made software for the office of the Controller of Examination which has the following modules.

- * Examination application
- * Issue of Hall Ticket
- * Entry of Internal assessment marks by Staff members and external marks by examiners
- * Publication of results
- * Semester wise and consolidated Mark Statements

All the above mentioned facilities are available through online.

The claim of monthly salary of Teaching and Non-Teaching staff is done through Government of Tamil Nadu portal. The claim of Scholarship amount for SC/ST/OBC students is also done through an exclusive portal of Government of Tamil Nadu.

All the Library activities are managed by an exclusive software namely “NIRMALS”. OPAC facility has also been provided.

6.2 Strategy Development and Deployment

6.2.1 Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

❖ Curriculum Development

The Board of Studies of various subjects made the following changes in the curriculum.

- * A Course on English through extensive reading is introduced as a Language Course for the programme.
- * The syllabus for M.Sc., Geophysics programme was designed.
- * The syllabus for M.Sc., Yoga programme was designed
- * The syllabus for Certificate programme on Indian Culture Heritage and Vedas which is offered by the Department of Sanskrit of our College
- * The syllabus for B.Litt., programme was designed
- * A Course on Teaching and Learning skills was introduced in M.Phil., Zoology programme
- * The syllabi for Certificate programme on Herbal Medicine was designed by the Board of Studies in Botany
- * Python Programming Lab
- * Python programming
- * A course on indirect taxes in M.Com. programme was replaced by “Organizational Behaviour” as the indirect taxes course as become redundant due to the introduction of GST

❖ Teaching and Learning

A knowledge enhancing and motivational programme is organized exclusively for core group students every week. The top two students from every class are chosen to form a team called 'Core Group'. Lectures are arranged for the enrichment of the knowledge of these students from across disciplines to promote their success rate in competitive exams and other Service Commission Exams.

❖ Examination and Evaluation

Objective type of questions have been introduced in the semester examinations for all the UG and PG programmes. Oral test component has been introduced for the course on "Communicative English" for all the UG students. Oral test has been introduced for the practical examinations of all the Science UG programmes.

College has signed MoU with CDSL for Academic Depository which facilitates the storage of Soft copy of mark statements and degree certificates by CDSL.

❖ Research and Development

08 Major and 02 Minor projects were sanctioned by funding agencies. 16 Seminars / Workshops / Conference were organized during the year. 16 staff and 43 Scholars were awarded Ph.D., 136 research papers were published by the staff members and scholars in the UGC recognized journals. Rs. 22,17,956/- was spent for purchase of Research equipment.

❖ Library, ICT and Physical Infrastructure / Instrumentation

99,265 Books and 102 Journals were being purchased during the last year. Rs. 8,70,89,305/- has been spent for the purchase of Books and Journals. Library is kept open from 8.00 a.m. to 8.00 p.m.

60 computers at the cost of Rs. 21,00,000/- were purchased during the year. College management information system, Library information system and software in the office of the Controller of Examinations have been updated. All the Computers in the College are connected to broadband internet connectivity.

Leased Line connectivity with 20 Mbps was provided with laying of cables across the campus at the cost of Rs. 25,00,000/-.

A lift has been erected in the library building in order to facilitate the physically challenged students.

A drainage system has been constructed in an area of the campus at a cost of Rs. 19,99,000/-.

Air conditioners were procured for various department and office at a cost of Rs. 1,75,850/-.

UPS and Battery have been procured at a cost of Rs. 2,95,000/-.

Basket ball and volley ball court have been laid at a cost of Rs. 22,50,700/-

A multi point gym has been established at a cost of Rs. 2,90,000/-.

❖ Human Resource Management

Faculty development programme was organized for newly recruited staff members as a residential programme.

16 Seminars/Workshops/Conference were organized to have deliberations on various research topics.

09 Endowment lectures were conducted inviting eminent scientist / researchers.

07 staff attended Refresher programme.

06 staff travelled abroad to attend Conference/Seminar.

15 staff members were appointed as management staff in the aided section to avoid cancellation of classes due to un-fulfilment of government aided staff.

Rs.1,93,10,325/- has been spent for the payment of salary for the staff members in the unaided section.

❖ Industry Interaction / Collaboration

The Department of Geology jointly with National Institute of Ocean Technology (NIOT) conducted the Beach profiling study along the coast of Tamil Nadu.

Many staff members have collaboration with researchers in various national institutions to carryout work in the respective area. Refer section 3.7.1

❖ Admission of Students

1388 students were admitted in I UG and 273 were admitted in I PG programme. 985 students have been admitted more than the previous year's admission. The quality of students admitted to under graduate programme has greatly improved. 385 students who secured more than thousand marks in +2 have been admitted. All the Science programme have attracted students with high percentage of marks in +2.

6.2.2 : Implementation of e-governance in areas of operations:

❖ Planning and Development

The custom-made MIS help us to prepare budget for academic and physical infrastructure for the next year.

Grants for conducting Seminar/workshops are allocated as per the expenditure statement of the previous year.

Allocation for Sports facilities is also done based on the statement of expenditure of the previous year.

Pass percentage of students is calculated for the final semester examinations and measures of proposed for the improvement.

Remedial coaching is offered to the students who fail in the end semester examinations.

❖ Administration

There is a management information system that facilitates day-to-day administration.

❖ Finance and Accounts The College management information system has also a module on finance and accounts.				
❖ Student Admission and Support The College management system has a module on student admission and support.				
❖ Examination There is a customized software for the all the activities in the office of the Controller of Examinations.				
6.3 Faculty Empowerment Strategies				
6.3.1 Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year				
Year	Name of teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support (Rs.)
2017- 2018	Dr. S. Senthil Kumar	“(01251) Paleoenvironmental DNA of bacteria as biological proxies for sea level reconstruction and (01536)” Spatio-temporal dynamics of bacterial communities in response to marine transgression and regressions occurred since late Pleistocene”	The College provides a sum of Rs. 10,000/- to the each staff member who travels abroad to attend Conference / Seminar	10,000
2017- 2018	Dr. A.T. Ravichandran	A Comparative study of solution grown and Sankaranarayanan- Ramasamy (SR) method grown diglycine Zinc chloride (DGZC) single crystal	The College provides a sum of Rs. 10,000/- to the each staff member who travels abroad to attend Conference / Seminar	10,000
2017- 2018	Dr. D. Saravanan	An investigation into the formation of impurity during the process development of Sumatriptan succinate	The College provides a sum of Rs. 10,000/- to the each staff member who travels abroad to attend Conference / Seminar	10,000

2017-2018	Dr. D. Prasanna Balaji	International Conference on Physical Education, Recreation, Fitness and Sports Sciences (ICPERFSS)	The College provides a sum of Rs. 10,000/- to the each staff member who travels abroad to attend Conference / Seminar	10,000
2017-2018	Dr. D.E. Benet	Valuable counseling to the needy students / youths to Jaffna Peninsula	The College provides a sum of Rs. 10,000/- to the each staff member who travels abroad to attend Conference / Seminar	10,000
2017-2018	Dr. K. Ramar	International Multi Conference on Information Technology, Electrical, Electronics, Agricultural, Mechanical, Medical and Management (IE2AM3-2K18)	The College provides a sum of Rs. 10,000/- to the each staff member who travels abroad to attend Conference / Seminar	10,000

6.3.2 Number of professional development / administrative training programmes organized by the Colleges for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	Dates (from-to)	No. of participants (Teaching staff)	No. of participants (Non-teaching staff)
2017-2018	Faculty Development Programme	---	11.09.2017-15.09.2017	21	---

6.3.3 No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	Date and Duration (from – to)
Refresher Course in Mathematics	Dr. Manju Somanath	05.07.2017 – 27.07.2017
Refresher Course in Mathematics	Mr. K. Raja	07.11.2017 – 27.11.2017
Refresher Course in Tamil	Dr. R. Sundaravel	08.11.2017 – 28.11.2017
Refresher Course in Tamil	Dr. A. Krishnan	08.11.2017 – 28.11.2017

Refresher Course in Tamil	Prof. T. Ramadoss	08.11.2017 – 28.11.2017
Refresher Course in Nano Sciences (Inter-Disciplinary)	Dr. J. Geethapriya	20.12.2017 – 09.01.2018
Summer School Refresher Course in Material Science (Inter-Disciplinary)	Dr. S. Muruganantham	02.03.2018 – 22.03.2018
Summer School Refresher Course in Material Science (Inter-Disciplinary)	Dr. M. Iyanar	02.03.2018 – 22.03.2018
Summer School Refresher Course in Material Science (Inter-Disciplinary)	Dr. A. Shanthi Devi	02.03.2018 – 22.03.2018
6.3.4 Faculty and Staff recruitment (no. for permanent recruitment):		
Teaching		Non-teaching
Permanent	Fulltime	Permanent
36	36	10
6.3.5 Welfare schemes for		
Teaching	<ul style="list-style-type: none"> * There is a cooperative credit society in the College. Staff are given personal loan. * Staff who publish research papers are given an incentive of Rs. 2,000/- per publication. * Staff who organize Seminar are honoured during the last day of the semester meeting. * Staff who complete 25 years of service in the College are presented with wrist watches. * Staff who travel abroad to attend Conference/Seminar are given cash incentive of Rs. 10,000/- each. * All the staff who look after co-curricular activities as Coordinator are honoured during the meeting on the last day of the semester. 	
Non teaching	<ul style="list-style-type: none"> * There is a cooperative credit society in the College. Staff are given personal loan * Staff who complete 25 years of service in the College are presented with wrist watches. 	
Students	<ul style="list-style-type: none"> * Number of prizes, medals and scholarships are given to students on their performance. * Remedial Coaching is organized for slow learners. 	

	<ul style="list-style-type: none"> * Core Group classes are conducted for fast learners. * 20 Sports boys and girls are given free boarding and lodging. 			
6.4 Financial Management and Resource Mobilization				
6.4.1 Institution conducts internal and external financial audits regularly				
<p>Yes. The management conducts financial audits on 30th September and 31st March every year. The office of the Joint Directorate of Collegiate Education and office of Auditor General of India audit the accounts periodically.</p>				
6.4.2 Funds / Grants received from management, non-government bodies, individuals, philanthropies during the year (not covered in Criterion III)				
Name of the non government funding agencies/ individuals		Funds/ Grants received in Rs.		Purpose
Alumni		Rs.4,20,000/-		To offer prizes and medals
6.4.2 Total corpus fund generated Rs.4,20,000/-				
6.5 Internal Quality Assurance System				
6.5.1 Whether Academic and Administrative Audit (AAA) has been done?				
Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	Staff members from other Colleges and Universities	Yes	---
Administrative	Yes	Joint Directorate of Collegiate Education	Yes	The stock of the Library and the departments are verified by the staff of other departments.
6.5.2 Activities and support from the Parent – Teacher Association (at least three)				
<ol style="list-style-type: none"> 1. Salary for a few teaching staff members appointed in the vacancies caused in the aided section are met out. 2. Salary for a few non teaching staff members are met out. 3. A few furniture are provided to the College. 				
6.5.3 Development programmes for support staff (at least three)				
<ol style="list-style-type: none"> 1. Uniforms are provided on free of cost. 2. A sum of Rs. 1,000/- is given for Deepavali festival. 3. The wards of the staff are given free education in the College and in the School run by the College. 				

6.5.4 Post Accreditation initiative(s)

- * The College signed an agreement with Central Depository Services (India) Limited (CDSL) for National Academic Depository (NAD) Services on 03.01.2018. With this the soft copy of Certificates, Diploma, Degrees, Mark sheets etc., of the students of the College will be stored with CDSL. This will facilitate to access, verify and validate the records of the students at any point of time by any organizations with permission from the students.
- * A five day residential Faculty Development Programme from 11.09.2017 to 15.09.2017 was organized for the newly joined 21 staff members in the Government aided category.
- * A comprehensive management information system was established and improved that integrated many academic and administrative proceedings of the institution including Admission, Fees collection, Attendance, CoE etc.,
- * Internet Leased line connectivity was provided across the campus in addition to the WI-FI service that existed from earlier accreditation period.

6.5.5

- a. Submission of Data for AISHE portal : (Yes ✓ /No)
- b. Participation in NIRF : (Yes ✓ /No)
- c. ISO Certification : (Yes /No✓)
- d. NBA or any other quality audit : (Yes /No✓)

6.5.6 Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting activity	Duration	Number of participants
2017-2018	AQAR	Intensive data collection prior to submission date	3 months	225
2017-2018	NIRF	Intensive data collection prior to submission date	3 months	225
2017-2018	FIST	---	---	---
2017-2018	Feed back	December, 2017	1 month	1500
2017-2018	Academic Audit	December, 2017	1 month	---
2017-2018	Financial Audit	30.09.2017 & 31.03.2018	---	---

CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES**7.1 - Institutional Values and Social Responsibilities**

7.1.1 Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period	Participants	
		Female	Male
Gender Club meeting	08.03.2018	50	---
Women Cell	21.08.2017	50	---

7.1.2 Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:
Percentage of power requirement of the College met by the renewable energy sources

- Solar water heaters have been installed both in boys and girls hostel.
- Many CFL lamps have been replaced by LED bulbs.
- Majority of the open to sky area is covered with greeneries.
- Hostel mess solid waste are sent to Pig farming units.

7.1.3 Differently abled (Divyangjan) friendliness

Items Facilities	Yes/No	No. of Beneficiaries
Physical facilities	Yes	06
Provision for lift	Yes	06
Ramp/ Rails	Yes	06
Braille Software/facilities	Yes	01
Rest Rooms	Yes	06
Scribes for examination	Yes	01
Special skill development for differently abled students	Yes	01
Any other similar facility	---	---

There is a Blind students facilitation centre in the College. The centre has blind students enabled keyboards for computers, audio books, vision enhancement softwares and magnifying devices.

7.1.4 Inclusion and Situatedness

Enlist most important initiatives taken to address locational advantages and disadvantages during the year

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date and duration of the initiative	Name of the initiative	Issues addressed	Number of participating students and staff
2017-2018	02	02	July 2017	Vittiya Saksharta Abhiyan (VISAKA)	Guiding the local population on the use of Digital Payment System	700
2017-2018	08	08	December, 2017	Village adoption programme	<ul style="list-style-type: none"> * Cleaning the village community hall * Medical camp * Eye Camp * Cattle Camp * Consumer awareness camp 	400

7.1.5 Human Values and Professional Ethics

Code of conduct (handbooks) for various stakeholders

Title	Date of Publication	Follow up (maximum 100 words each)
Service rules of Teaching and Non-Teaching staff	June 2017	---

7.1.6 Activities conducted for promotion of universal Values and Ethics

Activity	Duration	Number of participants
Students and staff of the College observe International Human Rights Day, Women's Day, Communal Harmony Day, National Integration Day, International Yoga Day, Anti Corruption and Vigilance week	These events are conducted annually in the College.	50 for each programme

Cancer Awareness Rally, Narcotics Awareness Rally, Anti Tobacco Rally	These events are conducted annually in the College.	50 for each programme
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7.1.7 Initiatives taken by the institution to make the campus eco-friendly (at least five)

- * Plastic usage is barred in the College canteen.
- * Degradable and non-degradable waste are segregated and given to corporation workers.
- * Rain water storage pits are connected with all the building in the College.
- * Tree plantation camp is part of the regular NSS activity.
- * E-waste are disposed through a specific vendor.

7.2 Best Practices

Describe at least two institutional best practices

1. Title of the Practice - I

TUTOR-WARD SYSTEM – Proven Method to Mentoring

2. Objectives of the Practice

- * To improve the personal rapport between teacher and the student
- * To ensure that student gets the benefit of continuous mentoring throughout the programme;
- * To identify the strengths and weaknesses of the wards and help them improve the former and overcome the latter;
- * To promote participation of the parent/guardian in the academic progress of their ward and keep them informed about the same.
- * To provide support in developing employability skills based on the aptitude of wards;
- * To help the wards improve their confidence level and enhance their personality.

3. The Context

A significant percentage of students of the college are first generation learners. They hail from humble backgrounds and generally found short of the right orientation and motivation. It was found that even bright students fail to take optimal advantage of the resources and opportunities offered by higher education in general and National College in particular, in the absence of guidance and motivation. An acute need to provide appropriate support to them was felt by the Principal and faculty members. The Tutor ward system has been conceived as a method of handholding our students from not so fortunate background so as to help them use the resources to their advantage and derive the benefits intended for them.

4. The Practice

Under the tutor ward system, a batch of students, not exceeding 20 is assigned to a professor on their admission to I Year U.G/ P.G programmes. The professor is designated as tutor and entrusted with the responsibility of mentoring the students throughout the duration of the programme. The idea is to build a good rapport between them so that boys can get personal attention and the teachers can understand the students and their requirements thoroughly. The wards meet the tutor individually after a common first meeting where the basic theme of the system and the role of the wards are explained. The students are assured of assistance and guidance on all matters relating to their welfare. The wards meet the tutor at least twice in a month. Frequency of meetings is decided by the needs of the students and the tutor adopts an open door policy. A counseling record note is prepared for each student. It contains vital information about the student. His academic performance in tests, attendance and details of assignment submission are recorded in the note. The tutor gives his comments and records his

suggestions. Parents/ guardians are informed of the performance and progress; and their signature is obtained in the note.

The tutor makes an evaluation of the wards capabilities, skills, aspirations and aptitude. He counsels him on the steps to be taken for achieving his goals. For instance, a student who wishes to take to teaching is counselled on teacher education, courses to be studied, requirement of the job etc.

5. Evidence of Success

The guidance and motivation of the tutors had helped them to take advantage of the resources at their disposal. The handholding of the wards from not so fortunate backgrounds had helped our students develop self-confidence. There is a discernible and favourable change in their behaviour, attitude and even body language. Students evince more interest in the courses and class room interaction had improved. They have realized that taking the education process seriously would place them well in life. The inhibitions and fear in approaching the teacher for clarification or advice have been replaced by confidence and enthusiasm. The quality of assignments and the performance of the students in group discussion and interviews have improved. Participation in extracurricular activities has also improved. The close rapport built through interaction had enabled the tutors to mould their wards well. The tutors also have a sense of gratification in helping their wards. Parents have expressed their appreciation of tutors.

6. Problems Encountered and Resources Required

The system was widely accepted by the teachers and they were willing to do their best to help the boys and girls. A few teachers who were not quite enthusiastic were persuaded to take up the assignment with an open mind and give it a trial. The size of the batch of students was limited to a maximum of 15. But in some departments it had to be increased to 20 in view of higher student strength. The challenge was to make the students understand the importance and value of the system. In course of time, the teachers were successful in making the wards realize the advantages. A record of the performance and progress was designed so as to introduce a sort of rigour in the process.

Fixed schedules for interaction envisaged initially ran into practical difficulties and hence, flexibility was permitted. Interaction duration is based on the needs of individual students. Tutors were counselled to lend their ears patiently to the wards to have a good understanding of their challenges.

The most important resource required for the success of the system is a dedicated team of teachers who are ready to put in their best for the benefit the wards and the college has no shortage of such teachers.

7. Notes

Students, parents and teachers feel highly satisfied and motivated about the Tutor-ward system. They extend their fullest cooperation in the execution of the scheme.

1. Title of the Practice - II

NCIF – Research Booster

Excellence in academics- teaching-learning-research in Science is achieved by the state-of-the-art sophisticated equipment, various workshops and support facilities. These equipment and facilities help the faculty, research scholars and students to carry out globally competitive R & D in basic and applied sciences. Since individual researchers in the science departments may not be able to generate huge research funds for the research instruments, National College established a common instrumentation facility for the use of In-house researchers and others from outside. The facility consisted of all the major exclusive high-end world-class analytical equipment imported from different parts of the world – Scanning Electron Microscope (SEM) with EDS, Gas Chromatography-Mass Spectrophotometry (GC-MS), Atomic Absorption Spectroscopy (AAS), Fourier Transform Infra-Red Spectroscopy (FT-IR), Flow Cytometer, Fluorescence Spectroscopy, High Performance Liquid Spectrophotometer (HPLC) etc.

2. Objectives of the Practice

1. To facilitate in-house research faculty to carry out research at the global front at an affordable cost and service within the campus to save time in the completion of research
2. To bring all the high-end advanced analytical equipment under one-roof and maintenance that is accessible to all the faculty within the campus
3. To foster interdisciplinary, progressive, collaborative and productive research establishing centres of excellence in the chosen areas of research
4. To serve researchers and industries from around the state of Tamil Nadu and away on consultancy basis to generate monetary fund to sustain the maintenance expenditure for the equipment / facility.
5. To expose students of UG/PG programmes to understand the instrumentation, principle and application of every equipment either as a practical or a demonstration

3. The Context

Research in Science is valued based on its application and publications. A researcher is valued upon the citation index, H-Indices and Impact factor for his research publications. For an appreciable publication, it becomes mandatory to follow globally accepted methodologies that usually involve processing of the sample through sophisticated equipment that are renowned for accuracy and good practices. Establishment of such a research facility under one roof in the name of NCIF was not without challenges.

Challenges

1. Single ample space for housing the entire range of equipment under one-roof
2. Finding the correct person as a technical personnel to handle all the equipment or most of the equipment who would undertake the sample processing, data processing and also maintenance of the facility and the equipment.
3. Mobilizing the fund to purchase costly equipment was a major challenge.

4. The Practice

National College has a unique set up in terms of the faculty who are involved in different areas of research in Geology, Biological Science including Biotechnology, Physics and Chemistry. They all face a common problem of processing their samples for high analytical experiments. Therefore, the College could think of only one solution of establishing a common instrumentation lab facility where, high-end analytical equipment could be brought within the access to the researchers.

Uniqueness of the facility

Establishment of the facility in a College, with the existing range of equipment was entirely unique in the region of Tamil Nadu. Trichy is considered as an educational hub in the central part of the State with Bharathidasan University being the affiliating university for the Colleges around the place. However, there were no such facility existing for a researcher who wants to publish research articles in high impact journals in the area of advanced Sciences. NCIF has served hundreds of researchers and scholars from the Post Graduate level to the Post-Doctoral level, coming from as far as the extreme ends of the State. Approach to make use of the facility has been made simple and easy through single window clearance method that has been found most successful method of operation as an extension facility.

Limitations

There were many stumbling blocks in the execution of the project of providing access to research needs. This included, finding an overall coordinator who could look after the facility taking responsibility and special interest in the maintenance of all the equipment.

As and when an equipment was being added to the facility, arranging for a demonstration and knowledge dissemination regarding the 'safe operation protocol' was a challenge in the execution of the task.

Streamlining the mode of usage by researchers within and outside the campus was harder in terms of fixing service charges that would at least contribute for the maintenance of the equipment on a long run.

5. Evidence of Success

Since the establishment of NCIF, there has been visible change in the research scenario in the College and the region as well. With a wider range of analytical equipment stationed under a single roof, many researchers have made high impact journal publications. Every request and sample processing application form has been filed, that shows a significant increase in the number and quality of research publications.

For instance, in the past four years,

- * number of publications have increased from 98 in the year 2011-2012 to 177 in 2014-2015.
- * High impact research articles have fetched higher number of funded research projects. There are now 7 ongoing major research projects in the present academic year when compared to none in the year 2011-2012. The on-going major projects are funded by UGC, DST-SERB, and MOES etc.
- * Number of Ph.D. produced have increased from 14 to 20 in the academic years 2011-12 and 2014-15 respectively.
- * Similarly, Number of M.Phil. produced have increased from 55 to 149 in the academic years 2011-12 to 2014-15 respectively.
- * Number of faculty who does research in the campus have gradually increased in the last four years.
- * Number of enrolment for M.Phil. programme have increased from 103 to 203 in the years 2012 and 2015 respectively.
- * 9 staff members in the College have obtained Ph.D. degree in the year 2015-2016 when compared to 5 teachers in the year 2011-2012.

6. Problems Encountered and Resources Required

Establishment of an analytical facility and its rigorous maintenance were not without problems. Shortage of funds for the continuous maintenance of the facility itself is considered a major limitation.

7. Notes

Thousands of researchers including PG students, M.Phil. PhD scholars and faculty members of various institutions near and far have benefited from the facility. They have clearly expressed their immense satisfaction in the services rendered to them.

College has also made some decent revenue out the NCIF consultancy services that is made available for the maintenance of the valuable equipment under the facility.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

The details of best practices have been uploaded in our College website in the NAAC format. The web link is <http://www.nct.ac.in/downloads/bestpractices-2017-2018.pdf>

7.3 Institutional Distinctiveness

Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust

The Crest and the Motto

The Crest, the Motto as well as a Verse from the Tamil classic *Thirukkural*, indicate what the College represents and what it stands for. The quotation from *Thirukkural* reads thus:



வெள்ளத் தனைய மலர்நீட்டம் மாந்தர்தம்

உள்ளத் தனைய(து) உயர்வு. - திருக்குறள்

From deep pools rise the long-stalked flowers,

So rise from the depth of soul men's powers.

As the level of flowers is determined by the water level, heights men attain are determined by the level of their minds. The essence of education is therefore the cultivation of the mind.

The Motto *Saa Vidyaa Yaa Vimukthayea* - **That alone is knowledge which liberates** - beautifully conveys the concept of education in a simple but highly powerful form. It implies liberation from ignorance, weakness and every other malaise which eclipses the radiance of knowledge and to facilitate the blossoming of our boys and girls in full shine and splendor.

The Crest shows the rising sun facilitating the Lotus to bloom in its full grandeur. It cogently highlights the basic mission of National College to enable its students to attain excellence in education.

All the three, conceived nearly a century ago by our great founders, driven by the spirit of nationalistic zeal brilliantly portray the philosophy of the great institution - the cherished dream of our master minds-to cultivate the mind of our youth to reach high levels of sophistication.

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 instill in the minds of the students the sense of Nationalism and to train them in social awareness.

To fulfill these missions, the College offers UG and PG programmes in conventional subjects in order to facilitate the rural students to join the programme without any inhibitions.

The College was founded during the colonial era with the idea of establishing a National Institution to promote among the youth the highest and loftiest ideals which constitute the essence of Indian culture and nationalism. True to its name, National College continues to impart cultural values and fulfil its role as one of the premiere nation-building institutions of the country. Under the stewardship of eminent scholars and administrators as its Principals, the tallest among them being the late Shri. Saranathan, the College has grown to become a seat of Higher Education and has earned a reputation for high moral standards.

Provide the weblink of the institution in not more than 500 words.

The details about the institution is in the College website. The web link is <http://www.nct.ac.in/college-history.html>

8. Future Plans of action for next academic year (500 words)

It is proposed

- To participate in NIRE.
- To submit proposal to DBT under STAR College scheme.
- To participate actively in Study in India programme.
- To conduct DST Inspire Internship Science Camp programme
- To conduct the review meeting of Student project scheme of TNSCST
- To continue to conduct all endowment lectures
- To conduct regular events like Annual Sports Day, College Day and Graduation Day.
- Since the College will celebrate Centenary during 2018-2019, many activities are planned in academic, research, co-curricular, Sports and other related areas.
- To conduct International Conference on Discrete Mathematics (ICDM 2018)
- To conduct International Congress on Renaissance in Sports (ICRS 2018)
- To establish an endowment lecture in the name of renowned historian Dr. Nilakanda Sastri.
- To conduct number of meetings under the departments association.
- To conduct Teachers Day celebration inviting all the retired teachers as part of Centenary celebrations.
- To conduct number of events under NCC, NSS, Rotaract, JCI, YRC and so on.
- To continue to conduct Leadership Training Programme in association with Palkhivala Foundation.
- Each department have been asked to propose activities to be conducted as part of Centenary celebration. It includes organizing Conference/Seminar/Workshop, training programme for School teachers, Workshop for students, Quiz Competition, Oratorical Competition, Science Camp and so on.

Name **Dr. M.S. Mohamed Jaabir**


Dr. M.S. MOHAMED JAABIR, Ph.D.,
Co-Ordinator
Internal Quality Assurance Cell (IQAC)
National College (Autonomous)
Trichy-620 001, Tamil Nadu, India
Signature of the Coordinator, IQAC

Name **Dr. R. Sundararaman**


Principal
National College (Autonomous)
Tiruchirappalli - 620 001.
Signature of the Chairperson, IQAC

List of Seminars/Workshops/Conference organized

1. The Department of Bio Technology conducted a UGC sponsored National Conference on **Advances and Innovations in Biotechnology** (NCAIB' 2018) on 19th & 20th February, 2018.
2. The Department of Chemistry conducted a one day Workshop on **XRD Techniques** on 16th December, 2017.
3. The Department of Chemistry & National College Instrumentation Facility (NCIF) conducted a one day Workshop on **Analytical Techniques** on 18th August 2017.
4. The Department of Computer Science conducted a Seminar on **Career in Your Dream World Multimedia** on 15th September, 2017.
5. The Department of Computer Science conducted a Workshop on **Basics of Research and Introduction to SPSS** on 3rd & 4th August, 2017.
6. The Department of Computer Science conducted an **Intra-Department Technical Symposium** on 27th September 2017.
7. The Department of Computer Science conducted **Naco Tech 2k18 – Technical Symposium** on 2nd February 2018.
8. The Department of Economics conducted a two day **Seminar on GST and Its Impact** on 4th & 5th October 2017.
9. The Department of English organized a **Two Day National Conference on Marginalized Literature: Indian Text and Context** on 8th and 9th September 2017.
10. The Department of English organized a Workshop on **Research Methodology** on 6th October 2017.
11. The Department of English conducted a one day workshop on Creative Writing on 27th July 2017.
12. The Department of Geology organized a Workshop on **Imaging Spectroscopy and Mineral Exploration** on 31st July, 2017.
13. The Department of Tamil organized a UGC sponsored National Level seminar entitled **Tamil Ilakkiyangalil Pulthurai Sinthanaigal** on 15th December, 2017.
14. The NSS units organized a seminar on **Learning Disability** on 22nd August, 2017 for school teachers.

15. The College organized a **Sensitization Seminar on Ageing** jointly with National Institute of Social Defense, Heritage Foundation and Regional Resource Centre on 5th October, 2017.
16. The EDII – Government of Tamil Nadu, SASTRA University and ED cell of our college jointly organized a workshop on **Business Plan Preparation** on 25th September 2017.

List of Endowment Lectures conducted

1. நமது கல்லூரித் தமிழாய்வுத்துறையில் முதல் துறைத்தலைவர் பண்டித ம. கோபாலகிருஷ்ணய்யர் அறக்கட்டளைக் அறக்கட்டளைச் சொற்பொழிவு 19.08.2017 அன்று நடைபெற்றது. திருச்சிராப்பள்ளி ஈ.வெ.ரா கல்லூரி தமிழ்த்துறை இணைப்பேராசிரியர் வ.நாராயணநம்பி அவர்கள் “ம. கோபாலகிருஷ்ணய்யரின் மொழிப்பெயர்ப்பின் கொள்கைகள்” எனும் பொருண்மையில் கருத்துரை வழங்கினார்.
2. முன்னைத் தமிழ்த்துறைத்தலைவர் பேராசிரியர் முனைவர் கு. இராசரத்தினம் அவர்களின் பெயரிலான அறக்கட்டளைச் சொற்பொழிவு தமிழாய்வுத் துறையில் 14.09.2017 அன்று நடைபெற்றது. சென்னை மாநிலக்கல்லூரி இணைப் பேராசிரியர் முனைவர் மு. முத்துவேலு ‘உயர்தனிச் செம்மொழி’ என்னும் தலைப்பில் சொற்பொழிவினை நிகழ்த்தினார்.
3. The Department of Geology organized the **Dr.Ramesh Endowment Lecture** on 6th October 2017 to commemorate the World Oceans Day. **Dr.S.Ramesh, Scientist, National Institute of Ocean Technology,(NIOT)** delivered a talk on “Recent Trends in Geological Oceanography”.
4. **Ramanujan Endowment Lecture** was organised by the management of National College, on 22nd December 2017.The Chief Guest Dr. K.R.Vasuki, Associate Professor and Chairman, Department of Mathematics, University of Mysore delivered the special lecture on “**Ramanujan’s Modular Equations Of Degree 21 And Related Identities – An Elementary Approach**”.
5. **Principal Saranathan Memorial Endowment Lecture – VII** was conducted by the management of National College on 6 th January 2018. The Chief Guest ,Honourable Justice R. Subramanian, Judge, Madras High Court delivered a lecture on “**Joy of Education**” .
6. **Rajaji Memorial Endowment Lecture** was conducted by the management of National College, on 11 th January 2018. The chief guest Dr.Kiran Bedi IPS Rtd. Honourable Governor of Puducherry spoke on **Probity in Public Life**.
7. **Nobel Laureate, Bharat Ratna, Dr. Sir. C.V. Raman Memorial Endowment Lecture** was delivered by an outstanding scientist Dr.B. Venkatraman, Director, Health Safety and Environment Group, Indira Gandhi Centre for Atomic Research (IGCAR) Kalpakkam on “**Imaging NDE in Nuclear Science and Technology- Challenges, Solutions and Research Areas**” on 28 th February 2018.

8. **Padmavibhushan Dr. V. Krishnamurthy Endowment Lecture** was delivered by **Dr.S.Venugopal**, Director, National Institute of Technology, Nagaland on **Advances in Robotics and Automation Systems in Nuclear Plants** on 2nd March 2018.
9. **Dr.C.Rangarajan Endowment Lecture** was organized by the management on 1st March, 2018. Nalli C.Kuppusamy Chettiar, Nalli Silks Chennai spoke on **Integrity and Hard work**.



National COLLEGE NEWS Bulletin

PRE - CENTENARY YEAR CELEBRATIONS 2017 - 2018

Sqn Ldr Dr. R. Sundararaman assumes Office as the 21st Principal

Dr. R. Sundararaman, the 21st Principal of our college, a distinguished alumnus, hails from Krishnarayapuram, Karur District. He had his early education at his village and completed his higher secondary course from National Higher Secondary School, Tiruchirappalli. He studied B.Com., as well as M.Com. at National College and pursued his doctoral degree in E.V.R. College, Tiruchirappalli under the able guidance of Dr. P. Kaliyaperumal. Dr. R. Sundararaman is a distinguished Professor of Commerce with a vast and rich experience of more than 30 years. Apart from being an extraordinary teacher, he is an avid researcher as well. He has guided as many as 18 scholars for the award of Ph.D., in addition to a large number of scholars for M.Phil. He has participated and presented papers in many state level and national level seminars. He has also served Chairman as well as a Member of the Board of Studies of many colleges and universities. His arena of excellence is not limited to academics. He had efficiently performed the function of the Controller of Examinations of National College. He is credited with improving efficiency in operations and publication of results in a short span of time. He served as Public Relations Officer of our college for 6 years. He has also ably discharged his duties as ANO of the NCC Air wing for more than a decade. He had been honoured by the NCC by the conferment of the rank of Squadron Leader. During his tenure, the NCC Air wing has released 9 successive annual editions of the Blood Donors' Directory, which has helped thousands of patients in distress to find blood donors in time. He has received the "Best NCC Senior Division Air Wing ANO Award" from NCC for two consecutive years (2008 and 2009). The Tamil Daily "Nagar Murasu" honoured Dr. R. Sundararaman, with "The Best NCC Associate NCC Officer Award" in 2012.



Dr. R. Sundararaman



Artistic skating show enthral spectators

17 skaters taking part in Indian team
camp under way in NCT

A five day camp for seventeen skaters, selected to represent India in the world roller skating artistic championship, was held at the magnificent indoor stadium of our college. The camp was hosted by Tamil Nadu Roller Skating Association in association with Tiruchi Regional Roller Skating Association and National College. It was inaugurated by Ravi Murugiah, Chairman, Vasan Estates, on June 13th 2017 in the presence of K. Raghunathan, secretary, National College. International medalists, including Arjuna award winner Anup Kumar Yama took part in the camp. A special show of artistic skating by the participants was a scintillating display of their super human skills. A stunning combination of grace, balance, esthetics and elegance, the show took the audience to dizzy heights of delightful ecstasy.

From the Secretary's Desk



Dear Reader,

Sqn. Ldr. Prof. Dr. R. Sundararaman took over as the Principal of the College this August. A senior member of the faculty of Commerce Department he has served the College as Controller of Examinations, HoD of Commerce, PRO and Officer of NCC Air Wing.

He is an alumnus of the College and joined the faculty in 1985. He has to his credit many Research Papers and has guided 19 Research Scholars to obtain their Doctorates. During his tenure we will be celebrating our Centenary. I am certain that under his leadership in the College will scale new heights.

After a highly successful tenure of 11 years as Principal Prof. Dr. K. Anbarasu retired on 31.05.2017. He was a highly motivated and dedicated Principal. The College has crossed many mile stones during his tenure. The reputation of the College as a premier institution was well established by him. His commitment to the College induced the Management to retain him as Director of Studies.

Next academic year 2018-19 will be the Centenary year of the College. Plans are afoot for celebrations throughout the year (11.06.2018 to 10.06.2019). All the departments are very enthusiastic. Work has already started to give a face lift to the campus. I am positive that the Centenary year will be a huge success in all aspects.

SECRETARY

From the Office of the Principal



Dear Reader,

I have great pleasure in presenting the news bulletin during the 99th year of our grand old institution. I have assumed office as the 21st Principal of my alma mater, thanks to the confidence reposed in me by our esteemed President, Secretary and the Management Committee. It shall be my endeavor to put in my best to take the institution forward towards the goals of securing the status of College of Excellence and Heritage status from UGC, in addition to the status of Star College from DBT. During the semester, we were greeted with good news from NAAC. NAAC accreditation of our college at A+ has been extended for two more years, that is up to November 2023. The extension has been granted as the college has obtained the highest grades in the three cycles of accreditation and fulfilled the criteria laid down by NAAC for high performing institutions. The extension is a great honour to all of us, and a shot in the arm to strengthen and accelerate our efforts.

As usual, the odd semester witnessed a wide range of activities in all the departments. Celebration of the World Oceans Day by the Department of Geology and a holistic, residential Faculty Development Programme for the newly appointed teachers were novel initiatives. I solicit and look forward to the co-operation and commitment of all stakeholders in our collective endeavour to take our National College to shimmering heights and make the Centenary celebrations a monumental success.

PRINCIPAL



The managing agency of our College was hitherto known as the Academy of Higher Education. On and from 09.06.2017 the name of has been rechristened as

"Dr. V. Krishnamurthy Educational Foundation". The motto of the foundation is "आ नो भद्राः क्रतवो यन्तु विश्वतः (Let noble thoughts come from all sides)".

Leadership Training Camp

A Two day Leadership Training Camp was held at our college on 7th and 8th September 2017 to inculcate leadership qualities in the youth and create the leaders of the future. The programme was organized by **Palkhivala Foundation, Chennai, Nani Palkhivala Arbitration Centre (NPAC), and the Forum for Free Enterprise, Mumbai** jointly with **our College**. The Chief Guest, Honourable **Mr. Justice F.M. Ibrahim Kalifulla, Retd Judge, Supreme Court of India**, in his inaugural address, stressed three important canons-



1. Faith in God. 2. Love for others and 3. Eradication of fear - which are crucial for success in life and leadership. He elucidated the concept of leadership with quotes from the Bhagavad gita and examples of great leaders like Abraham Lincoln and Mahatma Gandhi. His powerful oration ignited the young minds.

Dr. K. Anbarasu, Director of Studies, welcomed the gathering. **Mr. N.L. Rajah, Senior Advocate and Director, NPAC, Executive Committee member**, Dr. V. Krishnamoorthy Educational Foundation explained the purpose and theme of the programme. The resource persons from Palkhivala Foundation, Mr. Rajiv Luv and Mr. Sachin



Kamath trained 280 participants from 20 colleges across the state. Dr. P.S.S.Akilasri, Vice Principal, (UAP) proposed the vote of thanks.

The valedictory function was held on 8th September 2017. The **Secretary Shri. K. Ragunathan** was the Chief Guest. Dr. K. Srinivasan, Vice Principal, welcomed the gathering. The participants gave a positive feedback. **Dr. J. Durgalakshmi, Registrar, NaniPalkhivala Arbitration Centre** proposed the vote of thanks.

Conferences / Seminars / Workshops

Workshop on Analytical Techniques and Inauguration of Post Graduate Diploma Course in Analytical Techniques

The Department of Chemistry conducted a one day workshop on "Analytical Techniques" and inaugurated the Post Graduate Diploma Course in Analytical Techniques on 18th August 2017. The Head of the Department, Dr.K.Vivekanandan welcomed the gathering. The Principal Dr. R. Sundararaman delivered the presidential address. The Chief Guest **Dr.S.Sivasubramanian, Former Vice-Chancellor of Bharathiar and Noorul Islam Universities and Advisor, Research & Development, Vels University, Chennai**, delivered the inaugural address. He conveyed his blessings to the Principal for a successful and remarkable tenure and complemented the college for securing A+ grade as well as the coveted CPE status. The Chief Guest also said that while universities struggled to establish instrumentation facility, National College has successfully established the National College Instrumentation Facility (NCIF) with sophisticated equipment such as SEM, TEM HPLC, AAS, GCMS and Fluorescence



Spectrophotometer. He appreciated the college for its outstanding achievement and advised the faculty members to change their subjects of teaching so that within two to three years they will be thorough with the whole spectrum of Chemistry.

In his key note address, Dr.Sivasubramanian said that as the instruments are being used by biologists, physicists and chemists, it is necessary to impart knowledge about the working and use of each and every instrument. Further, the students must be taught to handle the instruments according to the humidity conditions. He also highlighted the importance of instruments like TEM, SEM, in studying the morphology of molecules at nano level and gave a brief idea of the various spectroscopic techniques (Infra Red, UV-visible, Mass Spectra, and NMR) employed for the identification of a compound during research. He also observed that the students must be made aware of the fact that those with hands on experience are preferred in pharma and chemical industries.

Dr. A. Ilangovan, Professor, School of Chemistry, Bharathidasan University, delivered a lecture on "Introduction to Mass Spectra and its Applications". He explained the instrumentation of various mass spectral techniques and also helped the students to interpret the mass spectra. His lecture was very enlightening.

The Associate Director of Global Technology Services, Hospira Healthcare India Pvt. Ltd., (A Pfizer group company), Chennai, Dr. B. Sivakumar spoke on "Scanning Electron Microscope (SEM)". The **Executive Managing Director of Nanocut, Pondicherry Mr. A. Krishnakumar** delivered an interesting talk on "Glimpses of Pharma Trend". Both the speakers gave very useful, pragmatic information to the students. The participants were taken around the NCIF and the facilities available were explained to them. The Director of Studies Dr. K. Anbarasu offered felicitations. The Coordinator of NCIF, Dr. D. Saravanan proposed a vote of thanks.

Workshop on Basics of Research and Introduction to SPSS

The PG and Research Department of Computer Science conducted a two day workshop on "Statistical Package for the Social Sciences" on 3rd and 4th August 2017. Prof. R. Sasikala, Head of the Department (CS) welcomed the gathering. Dr.V.Subramanian, Principal-in-Charge, presided. Dr.K.Srinivasan, Vice Principal offered felicitations. **Dr. R.Sangeetha, Associate Professor of Management Studies, Christ University, Bengaluru**, explained the features and application of SPSS in diverse fields. She noted that SPSS developed by Norman.H.Nie and C.HadlaiHull of IBM in the year 1968, is compatible with Windows, Linux and MAC operating system. SPSS which is easy to learn and use, is applied in banking, finance, insurance, healthcare, manufacturing and retail trade. Management system and editing tools provide in-depth statistical capabilities like complete plotting, reporting and presentation features.



In the second session, Dr. Sangeetha discussed the Research Process- Problem definition, Research objective, Field Research, Collection and Analysis of data and Writing and Presenting the final research report. The third and fourth sessions were devoted to cross tabulation, frequencies, descriptive statistics and the scaling techniques.

In the second day of the workshop, 'Hypothesis Testing' was covered in detail. Various tests like Chi-Square Test, t-test, and Correlation, Regression and ANOVA were explained. In the final session, she elucidated Linear Regression, Factor analysis and Cluster Analysis. The workshop had facilitated a clear and comprehensive grasp of SPSS as a wonderful tool of research.

The valedictory address was delivered by Dr. R.Sundararaman, Controller of Examinations. Dr.P.S.S. Akila Shri, Vice Principal (UAP) offered felicitations. Prof. S. Kiruthiga, Vice President, Computer Science Association presented a Summary of the Workshop proceedings. Vote of thanks was given by V.Sasirekha, III B.Sc(CS).

National Seminar on GST and Its Impact

A Two Day National Level Seminar on "GST and its Impact" was conducted by the P.G & Research Department of Economics on 4th and 5th October 2017. Dr.R. Sundararaman, Principal, presided and **Dr.S.Iyyampillai, Professor of Economics (Retd), Bharathidasan University, inaugurated the seminar.**

Dr.J.M.Kennedy, IRS, Commissioner of Central Excise & GST, gave the keynote address. He pointed out that GST implemented from July 1st 2017 is a radical change



in the tax system. It envisages the concept of "One nation, One tax" and replaces a plethora of indirect taxes. GST will simplify tax administration, increase tax revenue, reduce tax evasion and benefit all sections of the society. He also answered the questions raised by the audience. Shri.K.Ragunathan, Secretary, Dr. K. Anbarasu, Director of Studies felicitated. Dr.T.Sridhar, Associate Professor, welcomed the gathering. Dr.V.Nandagopalan, Controller of Examinations, proposed a vote of thanks.

On the second day, technical sessions were held. Dr.P.S.Mohan, the former HOD of Economics, NCT, unveiled the photograph of Dr.N.Rajamani. In the valedictory function, Dr.P.Ragavan, the Vice Principal, welcomed the gathering. **Dr.Sankar, Associate professor, Central University, Pondicherry** delivered the valedictory address. Prof. K. Elango, the Organizing Secretary proposed the vote of thanks. Experts from reputed institutions participated in the seminar.

Two-day National Conference on Marginalized Literature: Indian Text and Context

The PG Department of English organised a Two-day National Conference on "Marginalized Literature: Indian Text and Context" on 8th and 9th September 2017. The inaugural address was delivered by **Dr. Dyvaththam, Professor and Head of English, Dravidian University, Kuppam**. He explained the meaning of marginalization, why and how it is done. He explored the marginalization of political, economical and social strengths of individuals. Women are suppressed due to cultural practices. Dr. M. Palanisamy delivered the keynote address in which he analysed all aspects of marginalization like Identity Crisis, Gender Discrimination, Religious Hegemony Suppression, and Repression of people in the society. **Dr. Rajendran and Dr. Sillali from Malaysia, University of Malay** delivered special addresses. They pointed out that among the Chinese, Malay and Indian communities, Indians are marginalized. Shri. K. Rangunathan, Secretary, graced the occasion and



offered felicitations. Dr. R. Elavarasu, Convener explained the theme of the conference. Dr. R. Soundarajan welcomed the gathering and Dr. T. S. Ramesh delivered the vote of thanks.

On the second day, valedictory address was delivered by **Dr. N. Manimekalai, Professor and Head, Department of Women Studies, Bharathidasan University**. She traced the history of dalit literature, dravidian movement and referred to instances of marginalisation through gender discrimination, subjugation, and untouchability. She cited the examples of Bama, Sivakami-I.A.S., Arunthathi Roy and Shashi Deshpande who were subjected to criticism and intense pressure for their writing. Dr. R. Sundararaman, Principal delivered the presidential address. He stressed the need for helping marginalized people by providing facilities for education and honourable employment. He regretted the existence of shameful practices such as honour killing, sexual harassment and suppression of women in working places. He noted that there is ample evidence in Vedas and Epics which indicate that women enjoyed equal status. 78 papers were presented in the conference. Dr. V. Nandagopalan, Controller of Examinations and Dr. P. Raghavan Vice Principal offered felicitations. Dr. V. Srividhya, welcomed the gathering. Dr. R. Elavarasu, Head of the Department, proposed a vote of thanks.

Workshop on Research Methodology: Theory and Practice

The PG Department of English organised a One day zonal level workshop on "Research Methodology: Theory and Practice" was held on 6th Oct 2017. Participants from various colleges in Tiruchy district attended the workshop Dr. V. Subramanian, Principal in-Charge delivered the presidential address. He talked about some of the areas still untouched by research. The intellectual quest leads to research to solve the problems. Research Scholars must pay attention to areas untouched in diverse fields like Medicine, Law etc. Research to solve the problems of farmers and workers in the informal sector must be pursued in all earnestness. He advised the scholars to access the library resources and E-resources to have a strong foundation for research. Dr. K. Anbarasu in his felicitation, noted that the scholars should avail of the funding opportunities.

Dr. R. Elavarasu, the Convener of the Workshop elucidated the theme of the workshop. The object is to make the research scholars aware of modern theories, societal problems, new areas of research etc. The Workshop will help the scholars to explore areas of research, identify topics and learn the appropriate method of research. Dr. T. S. Ramesh welcomed the gathering and Dr. V. Srividhya delivered the vote of thanks. Four eminent professors acted as resource persons. Dr. D. E. Benet focused on the documentation and the new format. **Dr. S. Senthilnathan** explained various e-sources and resources in India and abroad. **Dr. John Lovejoy** focused on the methodology of quoting single author, double author, article, Journal e-sources etc.



Dr. V. Nandagopalan, Controller of Examination delivered the valedictory address Dr. K. Srinivasan, Vice Principal, distributed the certificates. Dr. R. Elavarasu delivered the vote of thanks.

Workshop on Imaging Spectroscopy and Mineral Exploration

A one day workshop on "Imaging Spectroscopy and Mineral Exploration" was organized by the Department of Geology on 31st July 2017. The objective of the workshop was to introduce the basic principles of Imaging Spectroscopy and their application in mineral exploration to the students of

Geology. 75 persons including faculty members and research scholars and from various Universities and Colleges across India participated.

Eminent scientists and professors delivered lectures. **Prof. Desikan Ramakrishnan, Department of Earth Sciences, IIT, Mumbai** delivered the introductory lecture on "Basics of Spectroscopy and Image Processing of IS data". "Application of IS data in Litho-Mapping & PGE



Exploration" was explained by **Prof. S. Anbazhagan, Center for Geoinformatics & Planetary Studies, Periyar University**. **Prof. P. Udayaganesan, Department of Geology, Alagappa Govt. Arts College, Karaikudi** spoke on "Application of IS in REE exploration" and "Application of IS in Bauxite Exploration" was discussed by Prof. K. N. Kusuma, Department of Earth Sciences, Pondicherry University.

Dr. V. Subramanian, Principal-in-Charge welcomed the gathering. Dr. K. Anbarasu, Director of Studies, gave the inaugural address. Shri. K. Ragunathan, Secretary felicitated. Prof. S. Sivakumar, Associate Professor proposed a vote of thanks.

Seminar on Learning Disability

Our College organized a seminar on "Learning Disability" on 22.08.2017 for school teachers. The object of the seminar was to help the teachers detect learning disability in children so as to facilitate remedial measures at an early stage. **Sri.C.Sam Chelliah, Regional Director, NSS**, was the Chief Guest. **Dr. Manasi** coordinated the event. 120 teachers participated. **Dr.Harini Mohan** and **Dr.Anand Kumar** handled the technical sessions.



Senitization Seminar on Ageing

NISD HF RRC and National College jointly organized "Sensitization Seminar on Ageing" for college students on 5th October 2017. The object of the seminar was to promote inter generational bonding- bonding of grandparents and the youth.

The Seminar was presided over by the Principal, Dr. R. Sundararaman. He appreciated the Bharathidasan University, especially the organisers and resource persons for arranging the awareness seminar, which is proof of the burning desire to do something concrete for the welfare of the senior citizens. He observed that our young boys and girls have great ideals and sense of love and compassion. They are the right people to understand the elderly and help them. They must be made aware of the beauty of human relationships. He told the youth that a simple smile, a few words of love and affection and kind gestures of respect would make their grandparents and other senior citizens immensely happy.

Dr. R. Ilango, Dean, Faculty of Arts & Member of the Syndicate, Bharathidasan University explained the theme of the seminar. He stated that old people are neglected. They are considered as a burden and not wanted in



homes. They are expected to live separately. Such apathy and neglect causes misery and unbearable agony to our elders. The youth should develop an attitude of compassion, patience and love towards their grandparents and treat them with respect and love.

Dr. Shankar, Former Professor and Head, Department of Sociology, Bharathidasan University explained how our society which had given due importance and respect to our elders, had changed for the worse in recent times. He exhorted the youth to strive for creating a bond of love and affection with their grandparents and other elders. "Making them happy will surely bring more happiness to you". **Dr. Gangatharan, Director, Heritage Foundation NISD RRC, Hyderabad**, pointed out that disintegration of the joint family, migration of youth to cities and foreign countries and lucrative career opportunities for women have taken a toll on the welfare of senior citizens. He advised the boys and girls to shed selfishness, develop a humane approach and adopt moral values of our ancestors for a successful and peaceful life.

Dr.V.Nandagopalan, Controller of Examinations welcomed the gathering. Dr. B. Sekar, Assistant Professor of Commerce proposed a vote of thanks.

Workshop on Business Plan Preparation

The EDII-Govt. of Tamilnadu, SASTRA University and ED-Cell of our College jointly organized a Workshop on Business Plan Preparation on 25th September, 2017.

In Session I, the Chief Guest **Sri. P. Sundarraaj, Managing Director, Subham Freight Carriers India Private Limited** explained the two ways of life --to live as an



employee or to live as an entrepreneur. The decision is created in our mind and people always strive to implement the decision. He shared his experience to encourage students to pursue entrepreneurship. He also discussed business opportunities in the present scenario.

In session II and III, **Sri.P. Tenzing** described the methodology of preparing a business plan and guided the participants through a power point presentation. **Sri.T.Swaminathan, Training Coordinator, EDII-Chennai** and **Dr.K.Anbarasu, Director of Studies**, offered facilitations. **Sri. Aadharsh Mitral, Field Coordinator, EDII Hub, SASTRA University**, participated.

58 students from 23 colleges were trained in the workshop. Dr.R.Sundaraman, Principal, presided over the function Prof.M.Rajavelayutham welcomed the gathering. Prof. R.Natarajan proposed a vote of thanks.

Endowment Lectures

ம. கோபாலகிருஷ்ணய்யர் அறக்கட்டளைச் சொற்பொழிவு

நமது கல்லூரித் தமிழாய்வுத்துறையில் முதல் துறைத்தலைவர் பண்டித ம.கோபாலகிருஷ்ணய்யர் அறக்கட்டளைச் சொற்பொழிவு 19.08.2017 அன்று நடைபெற்றது. கல்லூரியின் கலைப்புல முதன்மையரும், தமிழ்த்துறையின் தலைவருமான முனைவர் ச.ஈஸ்வரன் வரவேற்புரை வழங்கினார். கல்லூரியின் முதல்வர் முனைவர் இரா.சுந்தரராமன் தலைமையுரையில் ம.கோபாலகிருஷ்ணய்யரின் தமிழ்ப்பணிகளை நினைவு கூர்ந்தார்.

கல்லூரியின் இயக்குனர் முனைவர் கு.அன்பரசு அவர்கள் தமது வாழ்த்துரையில் மாணவர்கள் இது போன்ற இலக்கிய விழாக்களின் கருத்துக்களைக் கேட்டு

பயன்பெற வேண்டும் என்றார். **திருச்சிராப்பள்ளி ஈ.வெ.ரா கல்லூரி தமிழ்த்துறை இணைப்பேராசிரியர் முனைவர் வ. நாராயணநம்பி** “ம.கோபாலகிருஷ்ணய்யரின் மொழிப்பெயர்ப்பின் கொள்கைகள்” எனும் பொருண்மையில் சொற்பொழிவாற்றினார். மொழிப்பெயர்ப்பு இருமொழிகளுக்கான பாலமாகவும் இருவழிப்பாதையாகவும் இருக்கவேண்டும் என்றார். மூலமொழிப் படைப்புகளைத் தாண்டி ம.கோபாலகிருஷ்ணய்யரின் மொழிப்பெயர்ப்பு சிறப்பு வாய்ந்ததாக உள்ளது. மொழி, இனம், தேசபக்தி என்ற மூன்று அபிமானங்களை கொண்டதாக இவரது கொள்கை இருந்தது என்றார். உருமுதனலட்சுமி மேல்நிலைப்பள்ளியின் தமிழாசிரியர் புலவர் இரா.மாது பண்டித ம.கோபாலகிருஷ்ணய்யர் அவர்களின் “அறிவியல் கட்டுரைகள்” எனும் தலைப்பில் சொற்பொழிவாற்றினார். அவர் தம் உரையில் தாவரங்களைப் பற்றியும் ஆழமாக கண்டு எழுதியுள்ளார். கட்டுரை என்பது நேர்த்தி, உள்ளது உள்ளபடி கூறுவது எனப்பொருள் எனும் நிலையில் உரையாற்றினார். மு.கோபாலகிருஷ்ணய்யர் அவர்களின் பெயர்த்தி முனைவர் உஷாமகாதேவன், பெயரன் சுந்தரராஜன்



ஆகியோர் மகிழ்வுரைகளை வழங்கினர். கருத்தரங்கிற்கான ஏற்பாடுகளை முனைவர் சா.நீலகண்டன் ஒருங்கிணைத்து நன்றிகூறினார்.

முனைவர் கு.இராசரத்தினம் அறக்கட்டளைச் சொற்பொழிவு

முன்னைத் தமிழ்த்துறைத்தலைவர் பேராசிரியர் முனைவர் கு. இராசரத்தினம் பெயரிலான அறக்கட்டளைச் சொற்பொழிவு தமிழாய்வுத் துறையில் 14.09.2017 அன்று நடைபெற்றது. கல்லூரி முதல்வர் முனைவர் இரா.சுந்தரராமன் தலைமையுரை ஆற்றினார். கல்லூரித் தேர்வாணையர் முனைவர் வி. நந்தகோபாலன் வாழ்த்துரை வழங்கினார்.

சேன்னை மாநிலக்கல்லூரி இணைப் பேராசிரியர் முனைவர் மு. முத்துவேலு “உயர்தனிச் செம்மொழி” என்னும் தலைப்பில் சொற்பொழிவினை நிகழ்த்தினார். செம்மொழிகளாக அறிவிக்கப்பட்டுள்ள மொழிகளில் தமிழைத் தவிர மற்ற மொழிகள் பேச்சுவழக்கின்றி, இலக்கியப் படைப்புகளின்றி உள்ள போது தமிழ் மொழி மட்டுமே வாழ்க்கை மொழியாக, பேச்சு மொழியாக உயர்ந்து உள்ளது என்றார்.



செம்மொழிக்கான 41 தகுதிகளில் தொன்மை, தாய்மை, பொதுமைப் பண்பு ஆகிய மூன்றிலே தமிழ் மொழி உயர் தனி மொழியாக இருப்பதைக் காணலாம். தமிழகத்தோடு ரோமாபுரிக்கு உள்ள வாணிகத்தின் சிறப்பு, பண்பாட்டின் பெருமை கி.மு.20ஆம் நூற்றாண்டிலேயே உணர்த்தப்பட்டுள்ளது.

கால்டுவெல்லின் ஒப்பிலக் கணத் தால் திராவிடமொழிக் குடும்பம் ஆராயப்பட்டு தமிழ் மொழி தனித்தியங்கும் மொழியாகவும், தன்னிலிருந்து மற்றமொழிகளைப் பெற்றெடுத்து இன்றும் தாய்மையோடு வளர்ந்திருப்பது தமிழ்மொழி மட்டுமே என்று கூறினார். உலகத்து மொழிகளுக்கெல்லாம் பொதுமையைச் சொன்ன வள்ளுவன், தொல்காப்பியம் மொழிபெயர்க்கப் பெற்று ஐரோப்பிய நாடுகளுக்கு தெரியப்படுத்தப் பெற்று உயர்தனிச் செம்மொழியாகப் பெற்றது. எனவே, நல்ல தமிழில் பேசுவோம். தமிழ்த் தொண்டர்களாக வாழ்வோம் என்றார். முன்னதாக, தமிழ்த்துறைத் தலைவர் முனைவர் ச. ஈஸ்வரன் வரவேற்றார். துறைப் பேராசிரியர் முனைவர் இரா. இரவிச்சந்திரன் விழாவிிற்கான ஏற்பாடுகளைச் செய்ததோடு விழாவின் நிறைவில் நன்றி கூறினார்.

Dr.R.Ramesh Endowment Lecture

Oceans, the magnificent creation of Mother Nature, with all their apparent attractions, hidden secrets and unfathomable resources are an enticing enigma even to the common man. Unravelling the mysteries of the oceans and exploring their limitless wealth is the dream of every discerning geologist. Propelled by the passion to pursue the



phenomenon of oceans, the Department of Geology organized the Dr.R.Ramesh Endowment Lecture on 6th October 2017 to commemorate the World Oceans Day. **Dr. S. Ramesh, Scientist, National Institute of Ocean**

Technology (NIOT), Chennai a distinguished alumnus of our College and the prestigious Mineral Award recipient delivered a talk on "Recent Trends in Geological Oceanography". He explained the colossal potential for exploration offered by the oceans, and the efforts of NIOT in this mammoth task. NIOT, an autonomous body under the Ministry of Earth Sciences, Government of India(GOI) is going to further excavate the metals under sea, as terrestrial resources are gradually shrinking. He elaborated on the use of unmanned submersible vessels used to explore the natural resources under the sea and the challenges faced by NIOT in exploitation of Gas Hydrates. A power point presentation displaying the work of NIOT was made to highlight the recent developments in ocean technology. The speaker answered the questions raised by the students. Prof. S.Sivakumar welcomed the gathering and Dr.S.Selvaraj proposed a vote of thanks. With legitimate pride, it may be noted that National College is the only educational institution in the State to observe the World Oceans Day.

Association Meetings

Biotechnology Association

The inaugural meeting of P.G and Research Department of Biotechnology was held on 26th July 2017. **Dr. N. Thajuddin, Professor and Head, Department of Microbiology, Bharathidasan University** spoke on "Microalgae - Biotechnology". He described the nature of



Cyanobacteria (also known as bluegreen algae), its habitat, diversity and potential. He highlighted the usage of cyanobacteria as food, feed, fuel, fertilizer, medicine, and in combating pollution. He noted that Spirulina, an algae based food supplement had excellent nutrient composition and digestibility. He explained his work on marine cyanobacteria, production of important enzymes such as beta lactamase, protease and lipase and novel bioactive compounds with wide pharmaceutical applications. Further, he discussed the other beneficial uses of cyanobacteria, in fixing atmospheric nitrogen in rice fields. He highlighted the use of *Phormidium valderianum* in waste treatment as they bring about oxygenation and mineralization. In addition, they also serve as food source for aquatic species. He noted that his group, based on research work at National Facility for Marine Cyanobacteria (NFMC), Bharathidasan University, has

identified suitable cyanobacteria for treating a number of noxious effluents containing organophosphorus pesticides, detergents, antibiotics and other molecules. Students interacted enthusiastically with the Chief Guest. Dr. M. N. Abubacker, Associate Professor and Head, Department of Biotechnology welcomed the gathering. Mr. G. Ganapathy, Vice-President, Biotechnology Association proposed the vote of thanks.

The second association meeting of the Department of Biotechnology was organized on 4th October, 2017, with a lecture on "Techniques in Assisted Reproductive Technology (ART)" by **Mr. L. Shamsheerali, Senior Embryologist, Oasis Centre for Reproductive Medicine, Vijayawada.** He spoke about the work of clinical embryologists, who are trained medical professionals. They specialized in treating cases of infertility and helping people to conceive and give



birth. He explained their role in managing the embryo lab, handling the patients' eggs, sperms and embryo during the In Vitro Fertilization (IVF) process. He explained the work of an embryologist-collection of the eggs and sperm from the patients, handling them safely, and preparing the eggs and sperm for IVF. For IVF, the eggs and sperm are mixed together to enable fertilization and to ensure that the eggs have been fertilised and become embryos. Further, he elucidated the advanced technique of ICSI (Intracytoplasmic Sperm Injection) in IVF, where the embryologist injects the sperm directly into the egg, in order to increase the chance of fertilization. 3 to 5 days after fertilisation, the embryos are transferred to the woman's uterus. During an IVF procedure, induced multiple eggs are removed to improve the success rate. The embryologist is also in charge of storing any excess healthy embryos for future use. Finally, it's all about implanting the viable embryos into the female patient's womb. Once a successful transfer has been achieved, his role is to monitor and control the pregnancy cycle until a successful delivery. 40 members from Biotechnology and Zoology streams attended the session and interacted enthusiastically with the speaker. Dr. M. N. Abubacker, Associate Professor and Head, Department of Biotechnology welcomed the gathering. Mr. G. Ganapathy, Vice-President, Biotechnology Association proposed a vote of thanks.

The third meeting of the Biotechnology Association was organized on 05-10-2017. A special lecture on "The Art of Plastic surgery" was delivered by **Dr. B. Senthilvel Kumar, renowned Plastic Surgeon and Director, Nalam Hospitals, Tiruchirapalli.** Dr. Senthilvelkumar, a specialist in reconstructive and cosmetic surgery, elucidated the



various aspects of plastic surgery which involves the restoration, reconstruction, or alteration of the human skin. He explained various techniques and procedures of transfer of skin tissue (skin grafting). He made a power point presentation of surgeries performed by him, to correct functional impairments caused by burns, traumatic injuries, such as facial bone fractures and breaks; congenital abnormalities, such as cleft lips; and developmental abnormalities. Faculty and students were immensely benefitted by the lecture. Dr. M. N. Abubacker, Associate Professor and Head, Department of Biotechnology welcomed the gathering. Mr. G. Ganapathy, Vice President, Biotechnology Association proposed a vote of thanks.

Botany Association

The inaugural meeting of the Botany Association was held on 4th August 2017. **Dr. D. Kandavel, Associate Professor in Botany, Periyar EVR College** delivered a lecture on "Pros and Cons of Transgenic Plants". He indicated plant breeding, mutation breeding, RNA Interference, gene



modification and genetic engineering as methods of plant improvement. He explained how the 'Green Revolution' resolved 'Bengal Famine' and brought about self-sufficiency in food. The 'Green Revolution' which was the necessity of the

time, spoiled the fertility of soil and eliminated useful microorganisms. As an alternative, "Genetic Engineering Techniques" are used to nurture traditional plants. Many transgenic plants have been developed through genetic engineering techniques. Dr. D. Kandavel highlighted advantages and disadvantages of transgenic plants in day to day life. Earlier, Dr. V. Subramanian, Principal-in-Charge delivered the presidential address and Dr. K.V. Kannan, Head, Department of Botany welcomed the gathering. Ms. Sasireka, Student Secretary proposed the vote of thanks.

BBA Association

The Department of Business Administration inaugurated its Association on 2nd August 2017. The Chief Guest **Dr. B. Vinnarasi, Associate Professor of Commerce, Christ University, Bangalore** delivered a lecture on "Sentiment and Professionalism". She started with a short story to illustrate how basic sentiments have an influence on the feelings, thoughts and actions. People have sentiments about family, friends, property and so on. Sentiments may be classified as behaviour sentiments and moralistic sentiments. Behaviour sentiment is the way a



person responds in terms of action and moralistic sentiment is the guilt feeling that an individual has for some of his actions. Sentiments affect professionalism and also influence Dressing, Attitude etc.

On the basis of professional characteristics, individuals may be grouped into Dynamos, Cruisers and Losers. Dynamos are the people who are self-motivated. They are team players and have sustained ambition, positive attitude, desire for learning and continuous self-improvement. Cruisers are another category of people who live off with existing skills, not working to expand ability and have a "job" not a "career". Losers are the people who do not meet basic standards, avoid responsibility and remain unproductive. Dr. Vinnarasi explained the traits of professionalism. The traits are shared values, team work, building professional relationship, trust, dedication, performance and hard work. Dr. P.S.S. Akilashri, Vice Principal-UAP presided. Dr. B. Sekar Head of the Department welcomed the gathering. Mr. V.Pughazhendhi III B.B.A. proposed a vote of thanks.

Chemistry Association

The inaugural meeting of Chemistry Association was held on 21st June, 2017. The Principal-in-Charge, Dr.V.Subramanian presided. The Head of the Department, Dr.K.Vivekanandan welcomed the gathering. The Chief Guest **Dr.Thangarasu Pandiyan, Professor of Chemistry, National Autonomous University of Mexico (UNAM)** spoke on "Nano Material Application in Oxidation of Contaminants". He elaborated on solar light induced



photocatalysis for the degradation of chemical contaminations and explained how TiO₂ or ZnO nano particles doped with silver or gold nano particles are applied as photo sensitive catalysts. He explained the techniques and the theory behind the application of these particles for the oxidation of chlorophenols and other organic contaminants. He noted that these materials could be used as anti -bacterials. Dr. B.Latha, Vice president of Chemistry Association proposed a vote of thanks.

A meeting of the Chemistry Association was held on 7th July, 2017. The Chief Guest **Dr. Balamurugan Ramalingam, Scientist, Institute of Chemical and Engineering Sciences (ICES), Singapore** spoke on



"Efficient and Safer Synthesis of Value Added Organic Molecules by Adopting Continuous Flow Technologies". He observed that the interest in developing flow based technologies for organic synthesis has increased due to advantages such as low mass transfer limitations, efficient heat transfer and uniform conditions throughout the reaction. In the presentation, the execution of the synthesis of

selected synthetically valuable organic transformations by the adoption of flow methodologies was discussed in detail. The Principal-in-Charge Dr. V. Subramanian presided. The Head of the Department, Dr.K.Vivekanandan honoured the Chief Guest. Mr.G.Ramesh, I M.Sc welcomed the gathering Ms. V. Priyadharshini, IIM.Sc, Student secretary proposed a vote of thanks.

The Chemistry Association (UAP) was inaugurated by **Mr. V. Manivel, Executive Director, Maxi Bio Oleos Pvt. Ltd., Dindigul** on 18.09.2017. The Chief Guest delivered a special lecture on "The Scope of Chemistry in



Indian Industries". He elaborated on the various opportunities available to the chemistry students in chemical and other related industries. He also highlighted the need for developing requisite skills and gaining hands on experience in operating the analytical instruments to grab the opportunities. Dr. I. Arockiaraj, Head, Department of Chemistry (UAP) delivered the welcome address. The Principal, Dr. R. Sundararaman presided. Dr. K. Vivekanandan, Dean of Science, honoured the Chief Guest. The student secretary Mr. S. Pazhaniappa, II - M.Sc. proposed a vote of thanks.

Commerce Association

The inaugural meeting of the Commerce Association was held on 05-07-2017. The Chief Guest, **Dr.D. Kumerasan, Principal and Head of the Department of Commerce, Laxminarayana Arts and Science College for Women, Dharmapuri** spoke on the topic "Read to Lead".



He stated that the students of today lacked interest in reading and hence the focus of the talk was to encourage them to read. Dr. Kumerasan emphasized the following points. "Reading is to the mind what exercise is to the body." "The more you read, the more things you will know". He highlighted the pleasures and benefits of reading and urged the students to drink deep from the ocean of knowledge. The Principal-in-Charge Dr.V.Subramanian delivered the presidential address. Ms. Parameshwari, II M.Com. welcomed the gathering. Ms. Divya Bharathi, II B.Com(A), proposed a vote of thanks. Dr. K. Kumar the Vice President, Commerce Association, organized the meeting.

The second meeting of the Commerce Association was held on 26-07-2017. The Chief Guest **Ms. Nishita Singhal, Assistant Director, SIRC of ICSI, Bangalore** spoke on "Career as a Company Secretary". Ms. Singhal explained the role and functions of the Company Secretary as well as the lucrative opportunities available in the corporate sector. She noted that the Companies Act 2013 requires the compulsory appointment of a Company Secretary in all the listed companies with minimum paid up capital of Rs.5 crores and other public companies with a capital of Rs.10 crores. The prestigious Company Secretary course provides excellent exposure to students in diverse fields such as corporate and economic laws, taxation laws, FEMA ,



accounting and finance and prepares them for the challenging and rewarding high profile job of the Company Secretary. She outlined the course content and encouraged the students to pursue the ACS course and take advantage of the abundant opportunities. Dr.V.Subramanian, Principal-in-Charge presided. Mr. Manikandan, IIB.Com(B) welcomed the gathering. Ms. Aishwarya, III B.Com(B), proposed a vote of thanks.

At the third meeting of the Commerce Association held on 02-08-2017, **Dr. K. Alex, Associate Professor of Commerce, St. Joseph's College, Trichy**, delivered a lecture on "Nurturing Soft Skills". He noted that guns without bullets and mobile sets without SIM card are useless. Likewise, hard skills without soft skills are an absolute waste. Dr. K. Alex pointed out that good attitude is the basis for building soft skills which could not be taught but have to



be caught. Famous personalities like A.P.J Abdul Kalam, Sachin Tendulkar and A.R. Rahman excelled in life primarily because of their good attitude. Persons with 80% of attitude and 20% of aptitude can touch even the sky. Dr.V.Subramanian Principal-in-Charge delivered the presidential address. Mr. Manikandan, II B.Com(B) welcomed the gathering. Ms. Aishwarya, III B.Com(B), proposed a vote of thanks.

The fourth Commerce Association Meeting was held on 08.08.2017. The Chief Guest **Mr. M.M.R. Madhan, State President, Tamil Nadu Youth Association**, exhorted the students to enter politics with courage. Instead of complaining about dishonesty and corruption, the youth should come forward to serve the society. Issues like Neduvasal and Kathiramangalam are overlooked but Oviya issue in big boss is discussed with lot of interest. He asked the students to open their eyes to look around the world where the ration shops are closed and challenge of NEET which shatters the dreams of the downtrodden students like Anitha



of Ariyalur. The fantasy world of movies dominates the young minds while the real world and its problems are ignored. A 70 year old activist named Ayyakannu who conducts many protests for justice is not recognized but the actors have great recognition. He stressed the need for a paradigm shift - from attention to petty issues to serious issues and positive, affirmative action of youth to clean politics of all its evils. He advised the students to go full steam in pursuing social welfare activities like blood donation, organ donation and plantation of trees. He stated that entering politics is not

an easy task and it requires strenuous effort and strong courage to fight the battles. He urged the students first to concentrate on their studies and take care of their families and enter politics at an appropriate stage. The presidential address was delivered by Dr.V.Subramanian, Principal-in-Charge. Mr.Subash, II B.Com., welcomed the gathering. Ms. Geetha of I B .Com proposed the vote of thanks.

At the fifth meeting of the Commerce Association held on 18thSeptember 2017, **Prof. Pradeep Kumar, Assistant Professor, Department of Management Studies, Christ University, Bengaluru** explained the ways to develop one's personality. He highlighted the following points. Development of "I CAN" attitude, Development of positive attitude and annihilation of negative attitude, Admitting one's mistakes instead of arguing and wasting time, Learning from mistakes, Overcoming the fear of failure,



Developing originality and Efficient time management and Making optimal use of the present. He noted that adherence to the above points will take the students to great heights in life. The presidential address was given by the Principal, Dr.R.Sundaraman. The gathering was welcomed by Ms. Keerthana of I B.Com., and the Chief Guest was introduced by Ms. Priyadarshini, I B.Com. Mr. Manikandan of I B.Com delivered the vote of thanks.

The inaugural function of Commerce Association (Unaided Programme) was held on 16.08.2017. Dr. R.Narayanasamy, Head of the Department of Commerce (UAP), in his welcome address highlighted the importance of attending the meetings. Learning is not restricted to the class rooms and the meetings provide an opportunity to learn the latest from the best persons. The presidential address was given by the Principal, Dr. R.Sundaraman. He shared his memories of his student days at National College. The Chief Guest **Mr. K.Ravichandran, a distinguished alumnus and General Manager, Ascent Circuits Pvt. Ltd. Hosur** inaugurated the association and delivered the special Address. He recalled his student days at National College with nostalgia and elucidated the positive and powerful influence of his teachers on his personality and character. He learned many things of great value from them- especially how to overcome difficult situations with ease and confidence. He thanked his alma mater for shaping his life in



Economics Association

The inauguration of Economics Association was held on 28.6.17. **Dr. S.Iyyampillai, Professor of Economics (Retd), Bharathidasan University** was the Chief Guest. He delivered a speech on "Employment Market in India". He pointed out that of the 120 crore population in India, there are only 48 crore workers. The workforce participation rate is low and dependency rate is high in India as compared to not only the developed countries but also the recently industrialized countries. Since there is heavy competition among the unemployed youth, wage rate and income per worker fall down, he added. He also noted that the private sector is expected to train people and create employment. But this will not happen as the private sector is obviously interested in earning highest possible profits, quickly with

an excellent manner. He noted with pride that 15% of staff working under him were from the National College. The Chief Guest stressed the following as focal points, for success in career as well as life. Winning is the most important thing and it should not be a one time achievement but should be a habit. Discipline is to be followed in all aspects of life. Without discipline, life will be full of chaos and confusion. Commitment to fulfill the dream of parents, Positive attitude and hard work, Identification of opportunities and Preparation. He cited the example of the introduction of GST which has opened up new opportunities to the students of Commerce. Dr. P.S.S Akilashree Vice Principal (UAP) and Prof.R.Jayaraman felicitated. Prof. T.Nandhini Vice President, Commerce Association (UAP) proposed a vote of thanks.

The second meeting of the Commerce Association (UAP) was held on 26.09.2017. The Chief Guest **Mr. Sudharson Sundharam, Lawyer cum Corporate Trainer** spoke on the topic "Passion to Purpose". He demonstrated how a candidate normally appears and reacts during an interview and then focused on the Do's and Don'ts for the



little effort. Unless this fact is realized by the government and appropriate economic policies are designed, the unemployment problem cannot be solved. Unemployment among the educated youth would create many social problems too, he added.

Dr.T. Sridhar, Associate Professor of Economics introduced the Chief Guest. Prof.K. Elango, Associate Professor and Head, welcomed the gathering, Dr.V.Subramanian, Principal-in-Charge presided and Dr.S. Thirumaran, Vice President of the association, made the arrangements for the meeting. Mr.D.Vignesh, III B.A. proposed the vote of thanks.



The English Literary Association

The English Literary Association was inaugurated on 27th July 2017. The Chief Guest **Dr. A. Maria Mercy Amutha, Assistant Professor of English, English Language Center, Jazan University, Saudi Arabia** spoke on 'Emerging Trends in Literature'. She outlined the development of literature in general and explained the latest trends and styles in modern literature and the necessary skills to be developed by the students to understand and interpret literary works. Mr. Sathya Sai Lohith, II B.A welcomed the gathering and Ms. Sivapriya, I M.A proposed the vote of thanks. Dr. V. Subramanian, Principal-in-Charge presided and Dr. R. Elavarasu, Head of the Department of English felicitated.

candidates. He highlighted the differences among Bio-Data, Resume and Curriculum Vitae. He specified the three essential aspects for success as Interest, Intelligence and Life style. He advised the students be open minded as an open mind facilitates learning and acquisition of new knowledge. Knowledge of multiple languages is a great advantage in the job market. Welcome address was given by Dr. R. Narayanasamy, Head of the Department. Presidential address was given by the Principal Dr. R. Sundararaman. Dr.S. Sivakumar, Associate Professor felicitated. Prof.T.Nandhini, Vice President, proposed a vote of thanks.



The inaugural meeting of the English Literary Association (UAP) was held on 4th August 2017. The Chief Guest **Dr. R. Joseph Ponniah, Associate Professor of English, Department of Humanities, National Institute of Technology, Tiruchirappalli**, inaugurated the Association and delivered a lecture on "Reading and Language Acquisition". He explained how reading for pleasure can make learning English easy, enjoyable and effective. He said that reading really contributes to the development of both writing and speaking skills. Dr. Joseph cited examples of current research on reading for pleasure



which showed that reading, in addition to being an enjoyable experience resulted in the incidental acquisition of language. Those who read more write better, have better vocabulary and grammar. Those who read for pleasure are autonomous language learners. Dr.V.Subramanian, Principal-in-Charge, delivered the presidential address. Dr.R. Elavarasu, Head, Department of English and Dr. T.G. Akila Head, Department of English (UAP), offered felicitations. The student president of the Literary Association (UAP) R. Lukeshwaran of II M.A. welcomed the gathering. M.Vigneshwaran, II B.A delivered the vote of thanks and Prof.Gowri Priya Anand, Vice President of the Literary Association coordinated the meeting.

Geology Association

Shri. J. P. Mohakul, Superintending Geologist, Geological Survey of India, Hyderabad spoke on "Remote Sensing A Geological Perspective" in the inaugural meeting of the Geology Association held on 25.07.2017. He explicated the basic principles involved in remote sensing, mode of use of remote sensing equipments, methods of

acquiring data and applications of remote sensing in various geological domains. The lecture was interactive and the students participated with interesting queries. Initially, Dr. V. Subramanian, Principal in-Charge and Head, Department of Geology welcomed the gathering. Director of Studies Dr.



K. Anbarasu, honoured the Chief Guest. Dr. V. Vasanthamohan, Vice President of Geology Association gave the vote of thanks.

வரலாற்றுத்துறை பேரவைக் கூட்டம்

நமது கல்லூரியின் வரலாற்றுத்துறைப் பேரவைக் கூட்டத் தொடக்க விழா 17.08.2017 அன்று வரலாற்றுத் துறை அரங்கில் நடைபெற்றது. **நமது கல்லூரியின் நிலவியல் துறைத் தலைவர் முனைவர். வி. சுப்பிரமணியன்** சிறப்பு விருந்தினராகக் கலந்து கொண்டு "தொல்லியல் மற்றும் வரலாற்றுத்துறையில் நிலவியலின் பங்கு" எனும் தலைப்பில் உரையாற்றினார்.

அவர் தமது உரையில் வரலாற்றுப் பாடத்தின் அவசியத்தையும் நிலவியலுக்கும், வரலாறு மற்றும் தொல்லியலுக்கும் உள்ள பங்கு பற்றியும், IAS, IPS போன்ற ஆட்சிப் பணியில் வரலாறு படிக்கும் மாணவர்களின் சாதனைகளையும் பற்றி பேசியதோடு



வரலாற்று மாணவர்கள் தன்னார்வப் பணிகளிலும் தங்களை முழுமையாக அர்ப்பணித்துக் கொள்ள வேண்டும் என்றும் வலியுறுத்தினார்.

முன்னதாக வரலாற்றுத் துறையின் தலைவரும், பேரவைத் துணைத் தலைவருமான முனைவர் பெ. பரிமள சேகர் அனைவரையும் வரவேற்றதோடு, சிறப்பு விருந்தினரை அவையோருக்கு அறிமுகம் செய்தார்.

கல்லூரி முதல்வர் முனைவர் ஆர். சுந்தரராமன் விழாவிற்குத் தலைமை ஏற்று தலைமை உரை ஆற்றினார். நிகழ்ச்சியின் நிறைவாக வரலாற்றுத்துறை இரண்டாம் ஆண்டு மாணவி எம். கௌரி நன்றி கூறினார்.

Mathematics association

The inaugural meeting of Mathematics Association for the academic year 2017-2018 was held on 24th July 2017. The Chief Guest **Dr.G. Geetharamani, Associate Professor, Head, Department of Mathematics, Anna University, BIT campus, Trichy** delivered a lecture on "Queueing Models", emphasizing on the basic idea of Queues, the need and the purpose of studying Queueing. Dr.V.Subramanian, Principal-in-Charge presided and explained the importance of studying Mathematics. Prof.M.Senthilvel, Head of the Department of Mathematics, inaugurated the program. Dr.S.Sriram, Vice President, welcomed the gathering. Mr. B. Bharath, II M.Sc Maths proposed the vote of thanks.



The inauguration of the Mathematics Association (Unaided Programme) was held on July 10, 2017. **Dr.M.Marudai, Honorary Professor, Department of Mathematics, Bharathidasan University,** delivered a lecture on "Analytic Continuation". He explained the basic concepts of complex analysis and its advantages. He elucidated the C-R equations, Milne Thompson method and gave solutions to a few related questions asked in the CSIR exam. Prof. K. Srividhya, Head of the Department (UAP) welcomed the gathering. Dr. D. Muthuramakrishnan,



Associate Professor honoured the Chief Guest. M.Umadevi ,III B.Sc proposed a vote of thanks.

The second meeting of the Mathematics Association (UAP) was held on August 9, 2017. The Chief Guest **Prof.B.Mohamed Harif, Assistant Professor of Mathematics, Rajah Serfoji Govt. College, Thanjavur** delivered a lecture on "Group Theory and its Applications". His lucid description of group theory and numerous examples of



its practical application enabled the intelligent grasp of the subject by the students. Prof. K. Srividhya, Head of the Department welcomed the gathering. Prof. C.Sheela introduced the chief guest .The Vice Principal of Unaided Programme. Dr.P.S.S. Akilashri, delivered the presidential address and honoured the Chief Guest. S.Rubala of III B.Sc proposed a vote of thanks.

The third meeting of the Mathematics Association (UAP) was held on September 13, 2017. The Chief Guest **Dr.R.Sangeetha, Assistant Professor of Mathematics, A.V.V.M. Sri Pushpam College, Poondi** delivered a lecture



on "Contribution of Paul Erdos". She presented a brief sketch of the life and work of the great mathematician. She explained how his contribution is very useful in number theory, especially in prime numbers. Earlier, M. Isaivani of III B.Sc., welcomed the gathering. R.Saranya of III B.Sc., introduced the Chief Guest. The Vice Principal of the Unaided programme Dr.P.S.S. Akilashri, presided. T.Divya Bharathi of I M.Sc., proposed a vote of thanks.

Physics Association

The inauguration of the Physics Association was held on 21.7.2017. **Dr.S.Natrajan Senior Professor and Chairperson (Retd), CSIR Emeritus Scientist, School of Physics, Madurai Kamaraj University**, was the Chief Guest. He spoke on "Limitless Scope for Physics- Related



Career". Dr. V. Subramanian, Principal-in-Charge, presided. In his presidential address, he observed that Crystal Growth and Crystallography are frontier fields. He introduced the students to the modern age of physics and its significance.

Dr. S. Pari, Head of the Department welcomed the gathering and spoke on the importance of the Modern Physics in our day to day life. He advised the students to take up research in Physics. In his inaugural address, Dr. S. Natarajan introduced some important and emerging fields in Physics. He advised the students to take up fields like Quantum Computing, Nano- science and Astronomy as their subjects of interest and improve their skills in Physics. He also explained the scope for post doctoral studies in Physics and encouraged the staff to pursue them. Dr. J. Geetha Priya, Vice President, proposed the vote of thanks.

The Physics Association organized a meeting on 05.10.2017. **Dr.Manickam Mahendran, Associate Dean (Academic research), Thiagarajar college of Engineering, Madurai** was the Chief Guest. He spoke on "The Physics of the Confluence of Tech and Tradition". In his



presidential address, Dr.R.Sundararaman, Principal stressed the importance of special lectures and advised the students to make optimal use of this avenue of learning. Dr. Manickam Mahendran pointed out that our traditions are not irrational

but scientific and exhorted the students to understand and appreciate the greatness of our traditions . He also explained the field of Material science and its application. Dr.A.T.Ravichandran, Associate Professor, welcomed the gathering. Student Secretary (PG) S. Sivadarshini introduced the Chief Guest. B.Vaishnav, Student Secretary (UG) proposed the vote of thanks.

The inaugural meeting of the Physics Association (UAP), was held 23-08-17. **Dr. R. Nagalakshmi, Assistant Professor, of Physics, National Institute of Technology** delivered a lecture on "Crystal - Microns to Meters". The Chief Guest discussed the rudimentary aspects of crystal and its structure. She gave a brief description of nonlinear property of crystal and its uses in optical device fabrication. She explained the scope for research in the field of crystal growth and motivated the students to pursue research with interest. G. Samuel I-Msc Physics welcomed the gathering. Dr. R. Sundararaman, Principal, in his presidential address,



highlighted the importance of students' participation in association activities. Dr. P.S.S. Akilashri, Vice Principal (UAP), and Dr. S. Pari, Head, Department of Physics offered felicitations. E. Sowmya, II M.Sc Physics proposed the vote of thanks.

உ.வே.சா.பேரவைத் தொடக்க விழா

நமது கல்லூரி தமிழாய்வுத் துறையில் 01.08.2017 ஆம் நாளன்று உ. வே. சா. பேரவைத் தொடக்கவிழா நடைபெற்றது. குல்லூரி முதல்வர் (பொறுப்பு) முனைவர் வி.சுப்பிரமணியன் விழாவிற்குத் தலைமையுரையாற்றினார். உ.வே.சா.வின் தமிழ்த் தொண்டையும், தமிழ்ப்புலமையையும் எடுத்துரைத்தார். "உ.வே.சா. என்னும் உத்தமர்" என்ற தலைப்பில் **பொற்கிழிக்கவிஞர் சொ.சொ.மீ.சுந்தரம்** சிறப்புரையாற்றினார். ஆவர் தமது உரையில் உ.வே.சா.அவர்கள் பாஸ்கரசேதுபதி வழங்கிய பொன்னாடையை 400 ரூபாய்க்கு விற்று மணிமேகலையைப் பதிப்பித்தார் என்றும், தன்னுடைய மாத ஊதியத்தில் கம்பராமாயணத்தை விலைக்கு வாங்கினார் என்றும், உ.வே.சா.வால் தமிழ்ச்செம்மொழி சிறப்புப் பெற்றது என்றும் கூறினார். மேலும், புதுக்கோட்டை அருகில் உள்ள மிதிலைப்பட்டியில் மணிமேகலை ஓலைச்சுவடியைப் பரணில் இருந்து தேடிக்கண்டபொழுது, ஓலைச்சுவடியில் இருந்த

கருந்தேள் அவரைக் கொட்டியதைக் குறிப்பிட்டார். மணிமேகலை நூல் கிடைத்த மகிழ்ச்சியில் தேள் கடித்த



வலி மறைந்தது என்றார். முன்னதாக தமிழ்த் துறைத்தலைவர் மற்றும் கலைப்புல முதன்மையர் பேராசிரியர் முனைவர் ச.ஈஸ்வரன் வரவேற்றார். நிறைவாக உதவிப்பேராசிரியர் முனைவர் ச.கருத்தான் நன்றி கூறினார்.

07.08.2017 அன்று சுயநிதிப் பிரிவு தமிழ்த்துறையில் தமிழ்ப் பேரவைத் தொடக்க விழா நடைபெற்றது. கல்லூரியின் முதல்வர் (பொ) முனைவர் வி.சுப்பிரமணியன் தலைமை தாங்கினார். திருச்சி அரசு கலைக் கல்லூரியின் தமிழ்த்துறை உதவிப் பேராசிரியர் முனைவர் மா.செங்குட்டுவன் சிறப்பு விருந்தினராகப் பங்கேற்றார். இன்றைய இளம் தலைமுறையினருக்கு உள்ள சவால்கள் குறித்தும், அவற்றிலிருந்து இளைஞர்கள் தங்களைக் காத்துக் கொள்ள வேண்டியதன் அவசியம் குறித்தும் சிறப்புரை நிகழ்த்தினார். மேலும் எந்த சூழ்நிலையிலும்



இளைஞர்கள் தன்னம்பிக்கையையும், விடாமுயற்சியையும் விட்டுவிடாமல் கைக்கொள்ள வேண்டுமெனவும் குறிப்பிட்டார். முன்னதாக சுயநிதிப் பிரிவின் தமிழ்த்துறைத் தலைவர் முனைவர் க.முருகேசன் வரவேற்றார். நிறைவாக பேரவைத் துணைத் தலைவர் முனைவர் ச.கருத்தான் நன்றியுரை நிகழ்த்தினார்.

Zoology Association

The Zoology Association was inaugurated on 1st August 2017. **Dr.S.Nedunchezhiyan, M.D, Assistant**

Professor, K.A.P Viswanathan Medical College was the Chief Guest. Dr.V.Subramanian, Principal-in-Charge delivered the presidential address. The Chief Guest spoke on "Human Anatomy-Must Know Facts". He noted that Anatomy is studied not from books or through philosophy but by dissection and elaborated on the importance of the knowledge of eleven systems in human body. He highlighted the structure of each bone and how they play a major role in structuring the shape of our body. He explained the importance of the nervous system and its role in diseases like Alzheimer and Parkinsons. Coma and brain death were dealt with detail. Dr.S. Nedunchezhiyan, discussed the varicose vein problem while explaining circulatory system. While



explaining the muscular system, he highlighted the rectal abdominal muscles which are responsible for abdominal six pack structure. He also explained the benefits of organ donation. Prof.S.Vigneshwari welcomed the gathering. C.Naveen, II M.Sc Zoology proposed a vote of thanks.

SPORTS

Taekwondo Championships

A district level Taekwondo Championships Tournament was organized by the Department of Physical Education, in association with Trichy Taekwondo Association, at the Indoor Stadium of the College on 2nd July 2017. The tournament was inaugurated by **Shri. Senthilkumar, Superintendent of Police, Tiruchirappalli.** Dr.D.Prasanna Balaji, HOD, Department of Physical Education, felicitated. There were 160 participants.



Awareness Talk on Organ Donation

To mark the 'World Kidney Day', Kauvery Hospital, Tiruchirappalli, in association with National College and Rotary Club of Tiruchirappalli organized a programme on 20th August 2017. The purpose of the programme was to create awareness of organ donation. **Thiru. Kethan, Chair, Gift an Organ** addressed the gathering on "Organ Donation and



Transplantation." Participants' queries regarding brain death, the procedures for organ donation, and cadaver donation were answered during the session.

Popular Lecture Series

The Department of Physical Education initiated a Popular Lecture Series on 10.07.2017. **Sri. K. A. Mayilvaganan Deputy Commissioner of Police** delivered a lecture on "Ivan Than Manavan". He highlighted the avenues in which sportsmen are most sought after. Successful career is not just about earning money but notching up achievements and securing laurels. The DCP



noted, "Firmly decide on what you are going to do in future". He advised the students to cultivate the mind to treat success and failure alike.

The Department of Physical Education organized the second lecture in Popular Lecture Series on 11.07.2017. **Shri. T.Senthilkumar, Superintendent of Police, Trichy** spoke on "Manavargalum, Kaloori Paruvamum". He noted that the college days are very crucial in one's life. Many students are driven by the illusion that these days are meant exclusively for enjoyment, throw education to the winds and wallow in misery throughout their lives. A smart student strikes a happy balance between education and enjoyment and make the most of their time at the college. He advised



the students to be smart, discerning and careful so that they can march confidently and comfortably towards a brilliant future. The words of wisdom, coming from a highly educated and successful police officer carried tremendous conviction.

Inter-collegiate Chess Tournament

Bharathidasan University Inter-collegiate Chess Tournament was conducted at the Indoor Stadium of our college on 17th August 2017. **Dr.R.Babu Rajendran, Registrar Bharathidasan University** inaugurated the events and presidential address was delivered by our Principal Dr.R.Sundararaman. Dr.D Prasanna Balaji, Head of



the Department, welcomed the gathering. 250 participants from 14 colleges took part in the events. Dr.Palanisamy, Physical Director, Bharathidasan University delivered the valedictory address and distributed the credentials to the winners.

Table Tennis Tournament

The Third District Ranking Table Tennis Tournament organized by the Tiruchirappalli District Table Tennis Association was conducted in association with Department of Physical Education at the Indoor Stadium of our college on 2nd October 2017. Dr.R.Sundararaman, Principal presided. **Shri.Ravimurugiah, Chairman, Vasan Estates,** inaugurated the events and Dr.D Prasanna Balaji, Head of the Department delivered the welcome address. The tournament was open to all sportsmen, irrespective of their age and profession. **Mrs.Komala, Principal, Carmel International School, Vedharanyam** inaugurated the finals, delivered the valedictory address and distributed the credentials to the TT players.



Fitness Studio

With the blessings of God, the inauguration of National College Fitness Studio was held on 05.10.2017. DR. Prasanna Balaji, Head, Department of Physical Education welcomed the gathering. He noted that the present and future generation of students would be ever grateful to our beloved Secretary Sri.K. Raghunathan for giving wings to the dream project and making it a grand reality. He placed on record his gratitude and appreciation for the overwhelming support, encouragement and guidance of friends and well wishers, **DGP Mr. A Myilvaganan and Mr. Ravimurugaiah Chairman, Vasan Estates** which helped a lot to create the studio as a sophisticated facility.



Silambam Championship

National college, as part of its initiative to promote indigenous sports, organized a District Silambam Championship in association with District Slambam Association on 1st October 2017, at the Indoor Stadium.



separate events were held for boys and girls in all categories. The events were inaugurated by the Principal, Dr.R.Sundararaman. **Sri.Madhan, Secretary, District Silambam Association Tiruchirappalli**, presided over the function. The members of the Tournament Advisory Committee and observers were present.

NCC

Free Eye Check up Camp

The 3 (TN) Air SQN (TECH) NCC Flight of our College in collaboration with Mahatma Eye Care Hospital, Tiruchirappalli conducted a Free Eye Check up Camp on 19.07.2017 at the college for the benefit of students, staff and NCC Officials. The camp was presided by the Principal-in-Charge, Dr. V. Subramanian. He exhorted the NCC unit to undertake such socially beneficial programmes on a large scale. **Dr. Kingley P. Jebakumar, Consultant Pediatrician, Kingsley Kids Clinic** inaugurated the camp.



He appreciated the involvement and dedication of 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 benefitted. He showered praise on Mahatma Eye Care Hospital, Tiruchirappalli for their active co-operation and commitment. Gp. Cap Alex Mathew, Commanding Officer, 3 (TN) Air Sqn (Tech) NCC felicitated the organizers and he had words of praise for the Air wing cadets. Flight Commander and Controller of Examinations, Squadron Leader Dr. R. Sundararaman, welcomed the gathering. Flight Cadet Hariharan proposed the vote of thanks. Nearly 500 students, staff and NCC personnel underwent eye check up.

Blood Donation Camp

NCC Army Wing, Indian Bank, Trichy Zone and Mahatma Gandhi Memorial Govt. Hospital, Trichy jointly organized a Blood Donation Camp on 21.08.2017. Lt. Dr. K. Ramar, Company Commander of 2(TN) NCC Army Wing delivered the welcome address. **Shri. K. Ramakrishnan, Zonal Manager / DGM, Indian Bank, Trichy** inaugurated the camp and delivered the inaugural address. He spoke on the importance of blood donation. Dr. R. Sundararaman, Principal honoured the chief guest and delivered the presidential address. 120 students including NCC Cadets donated blood. NCC Army wing Senior Under Officer S. Thiyagarajan proposed the vote of thanks.



Free Blood Grouping Camp

The NCC (Air Wing) conducted the Blood Grouping Camp on 23.08.2017 from 10.00 a.m. to 4.00 p.m. SqN Ldr Dr. R. Sundararaman, Principal, inaugurated the camp and



congratulated the NCC (Air Wing) Unit of the College for taking up the project which is of immense social benefit. He encouraged them to do more such socially beneficial work. He stressed the importance of blood grouping and blood donation as they often determine life or death. 1,200 students were benefitted by the camp as it enabled them to identify their blood group for the first time. From 2008 onwards, the annual blood donor directory is being regularly released. It is proposed to bring out a directory this year as well and the first step is to identify the blood group.

NSS

தாய்ப்பால் வார விழா

ஏகம் பவுண்டேஷன், சென்னை, மற்றும் நமது கல்லூரியின் நாட்டு நலப்பணி திட்ட அலகுகள் சார்பில்



2.08.2017 அன்று தாய்ப்பால் வார விழா கொண்டாடப்பட்டது. தாய்ப்பாலின் முக்கியத்துவம் என்னும் தலைப்பில் சிறப்பு சொற்பொழிவு நடைபெற்றது. முனைவர் வி. சுப்ரமணியன் (முதல்வர், பொறுப்பு) முன்னிலை வகித்தார். **மருத்துவர் செந்தில் குமார் தாய்ப்பாலின் முக்கியத்துவத்தை வலியுறுத்திப் பேசினார்.** அதைத் தொடர்ந்து தாய்ப்பாலின் முக்கியத்துவம் மற்றும் கொடுக்க வேண்டிய முறை குறித்து வீடியோக்கள் காண்பிக்கப்பட்டன. திரு வானமயிலன் நாம் தவிர்க்க வேண்டிய உணவு பழக்கங்களைப் பற்றி கூறினார். நாட்டுநலப்பணி திட்ட அலுவலர் முனைவர் சேகர் வரவேற்க, முனைவர் ஸ்ரீவித்யா நன்றி கூறினார்.

Awareness Programme on Evils of Narcotics

NSS units of our College, in association with Central Bureau of Narcotics arranged a Special Meeting on 09-08-2017. **Dr.A.Venkadesh Basker, I.P.S., Asst. Narcotics Commissioner, Central Bureau of Narcotics, Chennai,**



addressed the students on "Drug and Addiction - Do you know enough?". The Chief Guest brought out forcefully the evils of narcotics and the dangerous adverse effects of drug addiction. His vivid description of the drug menace and the noxious effects helped the students to grasp the intensity of the problem and overcome temptation.

JUNIOR JAYCEE WING

Junior Jaycee Wing conducted a Training Programme on 9th September, 2017. The Chief Guest **Jc.V.K.Boominathan, National Trainer and former HOD of Commerce, Bishop Heber College, Tirchy** trained the junior Jaycee Wing students on "Self Esteem". Mr.V. K. Boominathan highlighted three concepts 1. Self Esteem 2. Self Concept and 3. Self Image. He explained that self esteem is generally influenced by 1. Family 2.Friends 3.Teachers 4.Strangers 5.Media. His tips for improving self esteem are: 1.Avoid negative self talk, 2.Connect with people who love you 3.Learn to be assertive 4. Focus on your positives. Junior Jaycee President Jc.M.Umadevi (III B.Sc Maths) welcomed the gathering. Dr.K. Srinivasan, Vice-Principal inaugurated the programme. Jc HGF.S.Santhose, President JCI Rocktown Zone XXIII felicitated. JC.HGF. R.Natarajan, Junior Jaycee wing co-ordinator organised the



programme. Junior Jaycee Secretary JC.S.V.Sreeja III B.Sc Maths proposed the vote of thanks.

ROTARACT

The 14th Installation ceremony of Rotaract Club of our College, was held on 9th August 2017. Rtr. A. Sam Sekar welcomed the gathering and Rtr. T. Arun Kumar presented the annual report. The ceremony was presided over by Dr. V. Subramanian, Principal in-Charge. The new office bearers, President Rtr. A. M. Mohamed Ibrahim III B. Com (CA) and Secretary Rtr. K. Aishwarya II BBA were installed by the Chief Guest **Rtn. Major V. S. Baskaran, RID 3000**. Rtr. A. M. Mohamed Ibrahim introduced his team of office bearers and board of directors. In his acceptance speech, Mr. Ibrahim assured that he would make this year a big year for Rotaract Club of our College. The installation project, "SKILL SNUT signing of bond with Sessa Iyengar Memorial Hr. Sec. School to conduct motivational classes for the development of the



students got its launch by handing over the bond to the staff and students of the school in the presence of the Chief Guest. Rtn. K. Raghunathan, Secretary, Dr. K. Anbarasu, Director of Studies, Dr. P. S. S. Akilashri, Vice Principal, Rtn. G. R. K. Raju, President, Rotary club, Rtn. M. Sethuraman, Secretary, Rotary club and Rtr. Manikandan, ZRR, RID3000 offered felicitations. The programme was co-ordinated by Dr. R. Thirugnanasoundari, Rotaract Secretary Rtr. K. Aishwarya proposed a vote of thanks.

மரக்கன்று நடும் விழா

கல்லூரியின் ரோட்டரி சங்கம் மற்றும் என்.சி.சி. சார்பாக மரக்கன்று நடும் விழா 12.08.2017 அன்று கல்லூரியின்

விடுதி வளாகத்தில் நடைபெற்றது. கல்லூரி முதல்வர் முனைவர் ஆர். சுந்தரராமன் சிறப்பு விருந்தினராகக் கலந்துகொண்டு முதல் மரக்கன்றை நட்பார். விழாவில் கல்லூரி தேர்வு நெறியாளர் முனைவர் நந்தகோபால், கல்லூரி விடுதி காப்பாளர் முனைவர் ஆனந்த், பேராசிரியர்கள் முனைவர்



முத்துராமகிருஷ்ணன், முனைவர் திருஞானசௌந்தரி மற்றும் பலர் கலந்து கொண்டனர்.

Entrepreneurial Development Cell

The Entrepreneurial Development Cell of our College organized a special meeting on 26th September, 2017. The Chief Guest **Thiru. Raji Rajendran, Founder-Vasantha Bhavan Chain of Hotels, UAE, Qatar, Srilanka and U .K.** delivered a lecture on "How to start a business abroad?" He explained the facilities, subsidies and incentives available and the procedure for starting business in foreign countries, especially Qatar. He interacted with students and answered various questions raised by the participants. Dr.K.Anbarasu, Director of Studies, presided over the



meeting. Prof.M.Rajavelayutham, HOD of B.Com(CA) welcomed the gathering. Prof.R.Natarajan of B.B.A proposed a vote of thanks.

Career Guidance and Placement Cell

Career Guidance and Placement Cell conducted a one day Pre -placement Programme on 19th July 2017 to prepare the students for placement. Ms. A. Sasikala, Placement Officer welcomed the gathering. Dr.V.Subramanian, Principal-in-Charge, in his inaugural address, outlined the expectations of employers and how the students have to meet their expectations.

The sessions were handled by **Mr. Devanathan Raghunath and Mr. Jacob, General Manager and Dean of Abnersoft Training and Placement Solutions(BBC)** respectively. They listed the qualities and skills the students



should possess for their campus recruitment. They advised the students to improve quality and professionalism which will then lead to self-propelled positive changes. In an interactive session, the students were instructed about the methods to improve their communication skills and self-confidence.

Orientation Programme

The General Library of our College conducted an Orientation Programme for freshers on 17th August 2017 to initiate them into the habit of reading and familiarize them with the art of using library resources effectively. The Principal, Dr.R.Sundararaman highlighted the subtle pleasures 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, novels, and history. The Librarian, Dr. P.Raghavan 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 free availability of abundant 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 newspapers and general news magazines. The Secretary, Thiru K.Raghunathan launched the issue of bar coded identity cards to the students. He was confident that the computerization of library would enable optimal utilisation of the invaluable collection of volumes which had been built up over decades. He inaugurated the new elevator facility at the Library Block. Dr. V. Nandagopalan, Controller of Examinations proposed a vote of thanks.

Boys Hostel

கல்லூரியின் ஆண்கள் விடுதியில் புதியோர் தினவிழாவானது 02.08.2017 அன்று நடைபெற்றது. இந்த விழாவிற்கு **திருச்சி அண்ணாமலை பேப்பர்ஸ் தலைவர் முத்துமாணிக்கம்** சிறப்பு விருந்தினராக கலந்து கொண்டார். அவர் மாணவர்களிடையே பேசும்போது விடுதியில் தங்கி பயிலும் மாணவர்களின் தனித்திறமைகளை பற்றி விளக்கினார். மேலும் மாணவர்கள் கல்வி பயிலும் போது எவ்வாறு நடந்து



கொள்ள வேண்டும் என்றும் படிப்பை முடித்தபின் குடும்பத்திற்கும், சமூகத்திற்கும் பொறுப்புள்ள இளைஞனாக எவ்வாறு திகழ வேண்டும் என்றும் விளக்கினார். இவ்விழாவில் முனைவர். V.சுப்ரமணியன், முதல்வர் (பொறுப்பு) தலைமை உரையாற்றினார். கல்லூரி தேர்வுநெறியாளர் முனைவர். ஆர். சுந்தரராமன், கல்லூரி துணை முதல்வர்கள் மற்றும் பல்வேறு துறையைச் சார்ந்த கல்லூரிப் பேராசிரியர்களும் விழாவில் கலந்து கொண்டு சிறப்பித்தனர். இவ்விழாவின் போது மாணவர்களின் பல்வேறு கலைநிகழ்ச்சிகள் நடைபெற்றன. விழாவிற்கான ஏற்பாடுகளை கல்லூரி விடுதிகாப்பாளர் முனைவர் S.P.ஆனந்த், மற்றும் உதவி காப்பாளர்கள், குமார், சிவபிரகாசம், மற்றும் தங்கராஜ் செய்திருந்தனர். மூத்த மாணவர்கள், இளைய மாணவர்களை இனிப்புடன் வரவேற்றனர். சுமார் 550 மாணவர்கள் கலந்துகொண்டனர்.

Girls Hostel

கல்லூரியின் முதலாம் ஆண்டு மாணவிகள் வரவேற்பு விழா 03.08.2017 அன்று நடைபெற்றது. இவ்விழாவில் **உருமு தனலெட்சுமி கல்லூரி தமிழ்த் துறைத்தலைவர் முனைவர் கே. விஜயசுந்தரி** "உன்னால் முடியும் பெண்ணே!" என்ற தலைப்பில் உரையாற்றினார்.

பெண்களின் முக்கியத்துவம் மற்றும் பெண்களை விழிப்புட்டும் வகையிலான சில உணர்வுகளை எடுத்துக் காட்டுக்கள் மூலம் விளக்கினார்.



பெண்களின் பேதை, பெதும்பை, மங்கை, மடந்தை, அரிவை, தெரிவை, பேரிளம்பெண் என்ற ஏழு பருவங்களையும் கூறினார். அதில் அரிவை என்ற பருவத்தில் பெண்கள் எல்லாவற்றையும் புரிந்துகொள்ள தொடங்குவார்கள். அதுவரையிலும் எல்லாவற்றையும் விளையாட்டாக தான் எடுத்துக்கொள்வார்கள் என்று கூறினார். ஒரு ஊருக்கு அவசியம் ஆறு அது போல் ஒவ்வொருவரின் வாழ்க்கையில் ஒரு பெண் கட்டயம் வேண்டும் என்றார்.

பெண்கள் அனைவரும், ஆட்களையும் அவர்களது தோற்றத்தை பார்த்தே புரிந்து கொள்வார்கள் அந்த அளவிற்கு பெண்கள் அறிவுடையவர் என்று கூறினார். நாம் பிறந்த உடனே நாம் அழும் குரல் கேட்டு தாலாட்டு பாடுவார்கள். அதை நாம் கேட்க முடியாது. நாம் இறந்த உடன் கட்டாயமாக நீராட்டு செய்வார்கள். அதை பார்க்க முடியாது. நாம் பார்த்து பெருமை படுவது பாராட்டு ஒன்று மட்டுமே. ஆகையால், பெண்ணே! இந்த உலகில் வாழும் வரை பாராட்டை நிறைய பெற வேண்டும், அது உன்னால் முடியும் என்று கூறினார். அதை நாம் பெறுவதற்கு உயிர், உடல், அறிவு வேண்டும் என்றார். நட்புக்கும், காதலுக்கும் உள்ள தொடர்பை ஒரு கதையின் மூலம் தெளிவாக கூறினார். உங்களால் முடியும் பெண்ணே! என்று கூறி உரையை முடித்தார். விழா ஏற்பாட்டை விடுதி காப்பாளர் முனைவர் S. சுனிதா மற்றும் துணை விடுதி காப்பாளர் G.பிரியா அவர்கள் செய்தனர்.

பெண்கள் விடுதி தினவிழா

கல்லூரியின் உடற்கல்வி துறை இயக்குநர் முனைவர். D. பிரசன்ன பாலாஜி அவர்கள் 07.08.2017 அன்று கல்லூரியின் பெண்கள் விடுதி மாணவிகளுக்கு உடற்கல்வி துறை சம்பந்தமாக உரையாற்றினார். முதலில் உன்னால் முடியும் தம்பி என்ற பாடலுடன் உரையை ஆரம்பித்தார். தொடர்ந்து யோகாவின் சிறப்பம்சங்களையும், செய்யும் முறைகளையும் அதன் வகைகளையும் மாணவிகளுக்கு காணொலி காட்சி மூலமாக வெளிப்படுத்தினார். அடுத்து வலிமை மற்றும் உடல் ஆரோக்கியம் பற்றி மாணவிகளுக்கு விழிப்புணர்வை ஏற்படுத்தினார்.

குளோனல் என்ற அறிவியல் ஆராய்ச்சியாளர் உடற்கல்வி துறையின் முக்கியத்துவத்தை பற்றி கூறிய செய்திகளை மாணவிகளுக்கு காணொலி காட்சி மூலம் எடுத்துரைத்தார். ஒவ்வொரு பூக்களுமே என்ற பாடல் வரிகளில் வரும் கருத்துகளை எடுத்துரைத்து மாணவிகளை உற்சாகப்படுத்தி தனது உரையினை



நிறைவு செய்தார். விழா ஏற்பாட்டை விடுதி காப்பாளர் முனைவர் S. சுனிதா மற்றும் துணை விடுதி காப்பாளர் G. பிரியா அவர்கள் செய்தனர்.

Teachers' Day

The Teachers' Day was celebrated on 05.09.2017. The college has the convention of honouring the retired teachers on that day. **Dr. P. R. Srinivasan, Department of Geology and Dr.M.Nagarajan, Former Principal** were honoured. In their speeches, they highlighted the



relationship between the teachers and students. Our College Secretary, Thiru K. Raghunathan offered felicitations. Earlier Dr.K. Anbarasu, Director of Studies welcomed the gathering. Dr.V. Nandagopalan, Controller of Examinations gave the vote of thanks. Large number of students and teachers participated in the celebration.

Intra Department Competition

The PG and Research Department of Computer Science organized an Intra Department Competition for Computer Science students on 27.9.2017. The competition included absorbing events - Debugging, Adzap, Paper Presentation, Dumb Charades, Multimedia and Technical Quiz - which were conducted by PG Students. III BCA and CS

were the Winners and II BCA and CS were the Runners of the competition. Dr. R. Sundararaman, Principal, presided over the valedictory function and distributed the prizes. He



congratulated the winners and motivated the students to update their knowledge in the latest technology and exhibit their talents in all upcoming competitions in our college as well as other colleges. Dr.P.S.S.Akilashri, Vice Principal(UAP) presented the valedictory address. M. Santhosh Kumar,II M.Sc(CS), welcomed the gathering. Jagadeesh, I B.C.A presented a summary of the events. The vote of thanks was given by SwathiLakshmi of II B.Sc(CS).

Poetry Recitation competition

The Department of English (UAP) organized an intra departmental Poetry Recitation Competition for the UG students and a Poetry Writing Competition for the PG students. The preliminary round for the Poetry Recitation Competition was conducted on 29-07-17. All the students of I B.A and II B.A participated in the preliminary round. Out of the 32 students selected for the second round, 8 students reached the final round. The Judges, Dr.V.Sekar, Department of English(UAP), Dr. P.S.S. Akilashri, Vice Principal (UAP), Prof. K. Srividhya, Head, Department of Mathematics(UAP) and Prof. Rajavelayutham, Head, Department of Commerce (CA), guided and motivated the participants on the eve of the



competition. Akshara.M. Sharma of I B.A,M. Nageshwaran of III B.A and G. Renuga of I B.A. were awarded the first, second and third prizes respectively.10 PG students participated in the poetry writing competition and displayed their poetic talents. The winners of the Poetry Writing competition were: S.MariaJenifer, II M.A - First Prize; Pearl Femina, I M.A Second prize: S. Prithviraj, I M.A-Third prize.

Inter Departmental Drama Competition

An Inter departmental drama competition was organized on 12.9.2017. **Dr.V.Francis, Associate Professor, Department of English, St. Joseph's College and Ms. Mala Balasubramanian, Division Director in District 82 of Toastmasters International** were the judges. The competition consisted of enacting one scene from William Shakespeare's plays with a maximum of 10 characters, using the exact diction of the author. The time allowed for each production was 15 minutes. Backdrops, props, make-up, music and costumes were arranged by the respective groups. The groups were judged based on their acting, characterization, use of voice modulation, energy



level, teamwork, use of stage space, orchestration, adherence to time limit, costumes, props and level of challenge. The students from the Department of Commerce(C.A), Mathematics, Geology and Computer Science participated with great enthusiasm. It was a process of self- discovery for the students. The judges appreciated the performance of the students and gave suggestions for improvement.. The Department of Geology was judged the winners and the Department of Mathematics were the runners up. Special prizes were given to the best actor- male and female. A special prize was also given to the best supporting actor. The prizes were distributed by the judges. Two groups from the department of English put up a host performance. The Principal Dr. R. Sundararaman gave the presidential address. Dr.P.S.S.Akilashri, Vice Principal (UAP) presided over the function. The student president of the Literary Association Department of English (UAP) R.Lukeshwaran of II M.A English welcomed the gathering. Dhinakar, student of III B.A English delivered the vote of thanks and Prof.GowriPriya Anand, the Vice President of the Literary Association organized the competition.

News at a Glance

Faculty Development Programme

PG and Research Department of Computer Science, conducted a two day Faculty Development Programme on 12th and 13th June 2017. Dr.P.S.S. Akilashri, Vice Principal (UAP) welcomed the gathering. Dr. K.Anbarasu in his inaugural address traced the rapid growth of information technology

and its impact on employment. Dr.V. Subramanian, Principal-in-Charge presided. Dr. R. Sundararaman, Controller of Examinations, offered felicitations and highlighted the purpose and importance of continuous faculty development.

Dr.S. HariGanesh, Assistant Professor, Dept. of CS, H.H The Rajah's College , Pudukkottai handled the first session. He noted that FDP helps to improve teaching quality and professionalism which can in turn lead to self propelled changes in teaching learning process. Faculty Development Program creates awareness about the latest methods and techniques in teaching methodology. He elucidated the concept of Transactional Analysis and approaches and tools such as non directive statements, questions, directive statements, reinforcement and modeling and data mining.



In the second session Dr.K.David, Assistant Professor, Dept. of CS, H.H The Rajah's College, Pudukkottai explained the concepts of Internet, Web, Web Applications, Web Services, Orchestration and Choreography. The vote of thanks was given by the Head of the Department, Prof.R. Sasikala.

Certificate Course in Tally with GST

The PG and Research Department of Computer Science inaugurated the Certificate Course in Tally with GST on 18th August 2017. Prof. A. Umamageswari, Head, Department of Computer Applications, welcomed the gathering. Dr. R. Sundararaman, Principal, presided. The Secretary Sri. K. Raghunathan delivered the keynote address. Dr. P. Ragavan, Vice Principal offered felicitations. Dr.P.S.S.AkilaShri Vice Principal, explicated the purpose of the course.

Dr.T. Alexander, Technical Service Specialist, IBM, Chennai explained the features of Tally which takes care of the requirements of the recently introduced GST. Goods and Services Tax (GST) is a comprehensive tax levy on manufacture, sales and consumption of goods and services at the state and central level. It is collected on the value added at each stage of sale in the supply chain. He pointed out that the Value Added Tax (VAT) implemented in April 2005 as a

replacement to complex sales tax also had certain drawbacks such as lack of uniformity. The drawbacks of the current



system - confusion and mistrust, complexity and lack of stability, hidden tax on exports, high transaction costs and narrow base are expected to be removed by the GST. He explained the benefits expected from GST, namely, transparent tax system, uniform tax rates across India, reduction of tax evasion and more competitive exports. Tally is designed to integrate all business operations, like sales, finance, purchasing, inventory, manufacturing and so on. It provides accurate and up-to-date business information at our fingertips. He elucidated the advantages of Tally and noted that the tally package with GST is a boon to the business as it takes care of the requirements arising from the introduction of GST.

The valedictory function of the certificate course was held on 18th September 2017. Dr.P.S.S.AkilaShri, Vice-Principal (UAP), welcomed the gathering. Dr. R. Sundararaman, Principal, honoured the Chief Guest. He spoke on the implementation of GST, its advantages and challenges. **JeganIyer, Resource & Engagement Manager**, in his valedictory address presented a bird's eye view of "Tally with GST" which makes compliance simple and smart. He highlighted the job opportunities which will open up to the students who have exposure to the package



and distributed the certificates to students. Sri. K. Raghunathan, Secretary, Dr.K.Anbarasu, Director and Dr.K.Srinivasan, Vice Principal, offered felicitations. The vote of thanks was given by B.Arvinth of III B.C.A 'A'.

Career in your Dream World Multimedia

The PG and Research Department of Computer Science organized a one day Seminar on "Career in Your Dream World-Multimedia" on 15.09.2017. **R. Kamalambal, Center Head, Arena Animation** noted that animation is a dazzling career option as there were excellent and interesting work opportunities for quality animators, graphic designers, multimedia and game developers in advertising, online and print news media, film & television, gaming and E-Learning. Mr. VinothKumar, Technical Head, Arena Animation, explained that anyone who finished the in-house training with leading animation production studio can work as a junior animator and earn salary in the range of Rs.12,000 to Rs.18,000 p.m. Animators can also start their own business to exploit the huge potential offered by the industry which is a goldmine. Earlier G.Surendhar, of IIB.Sc (CS) welcomed the gathering. Sanjay Mohan, III B.C.A proposed a vote of thanks.

Inauguration of Bridge Course

On 01.08.2017, Bridge Course was inaugurated for the First Year students. The course, apart from the language skills, imparted life skills to the students. Dr.K. Srinivasan, Vice-Principal coordinated the course. Thiru K. Raghunathan, Secretary inaugurated the course. Dr. V. Subramanian, Principal-in-Charge offered felicitations. Dr.T.G. Akila and Dr.



Vanitha, Department of English made the arrangements. The one week course was conducted for 5 hours a day.

Creative Writing

A workshop on creative writing was conducted by the English Literary Association on 27.07.2017. The III UG and the PG students were greatly benefitted by the workshop. **Dr. A. Maria Mercy Amutha, Assistant Professor of English, English Language Center, Jazan University, Saudi Arabia** was the resource person. In the interactive session, the students raised their doubts which were clarified by the resource person. She highlighted the hurdles faced by a budding writer and elaborated on how an author should plan for his writing. A writer is influenced by internal as well as external forces and he should harness them effectively to create a literary work. At the end of the workshop, the

students were given a situation and asked to write a story based on the situation. Students made a sincere and enthusiastic attempt to make out stories and bring out their creative talents. A few of them came forward to narrate their stories. Their interest and initiative were greatly appreciated by the resource person. The participants, in their feed back, observed that the workshop was greatly beneficial to them.

M-Health App

An awareness Programme on M-health App using QR code was addressed on 27.07.17 by **Dr.R.Ravi, Ortho Specialist**. The M-health application is an Android-based reminder application developed for usage on the smart



phone. It addresses the common healthcare issues such as attending appointments and taking medication in right doses as per the prescribed schedule. The M-health application also has an option of entering data in a quick and easy manner by using the automated data-entry technology, the Quick Response (QR) code. There is scope for improvement in the scanning and notification system, based on the experiment conducted. Dr.P.S.S.Akilashri, Vice Principal (UAP) welcomed the gathering. Dr.K.Srinivasan, Vice Principal proposed a vote of thanks.

Training programme for the Secondary Grade School Teachers

" We feel enlightened and inspired" -

say the school teachers after the training program

Tamilnadu State Council for Science and Technology (TNSCST), Chennai, in association with our College organized a 5-day Training programme for the Secondary Grade School Teachers of Tiruchirapalli district from 28th August to 1st September, 2017. The programme was part of the state wide training programme covering 20 districts to help the teachers to update their knowledge and teaching methodology. National College conducted the program in Trichy. 52 Secondary Grade Teachers and BT-Assistants attended the programme. The training programme covered theory and practicals in Physics, Chemistry, Biology and Mathematics. In addition to the regular school syllabi-based content, fascinating facets of Geology and Biotechnology were discussed. Teachers were excited to learn about the advances in Stem Cell Therapy being practiced in Trichy

itself. Experts from the departments of Botany, Zoology, Physics, Chemistry, Geology, Biotechnology and Mathematics served as resource persons. During the program, the participants visited the special facilities at the college, such as the NCIF to gain first hand knowledge of the working of Scanning Electron Microscope and other instruments. They were thrilled to see certain particles and mosquitoes through Scanning Electron Microscope which magnified them manifold. The teachers also visited the Zoology and Biotechnology laboratories. Dr. V Gokula and Dr. M.N. Abubacker explained the salient features and utility of various state of the art, sophisticated laboratory equipments. The teachers were very much impressed by the extraordinary facilities for research available at the college.

Mr. Stanli and Mr. Marudhanayagam, AEOs of Tiruchi region participated in the valedictory function and addressed the teachers. They said that the training program had enriched the knowledge of the teachers and in turn would definitely enhance their teaching skills to meet the challenges posed by the introduction of NEET and the overhaul of the syllabi, with ease and confidence. Printed material and CDs on the topics covered were given to all the teachers to help them in classroom teaching.

Mr. Ramakrishnan, Chief Education Officer (CEO) of Tiruchirapalli district visited the college during the programme. After interacting with the participants and listening to their feedback, he congratulated the college management and the co-ordinator Dr. Mohamed Jaabir. He urged the teachers to make full use of the opportunity,



assimilate the latest knowledge and disseminate it to their students with utmost devotion. Dr. V. Nandagopal, Controller of Examinations welcomed the gathering. Dr. R. Sundararaman Principal, delivered the keynote address. Dr. Mohamed Jaabir, Assistant Professor Biotechnology, coordinated the program.

Greetings to Freshers

On 21.06.2017, Freshers' Day was celebrated to welcome the new comers to the College. The Principal-in-Charge Dr. V. Subramanian addressed the gathering. He informed the freshers about the facilities offered by the College and asked them to work hard and improve their skill



and knowledge to secure brilliant future. Dr. R. Sundararaman, Controller of Examinations proposed a vote of thanks.

Independence Day

The Independence Day was celebrated on 15.08.2017 in the Campus. **Dr. V. Subramanian, Principal-in-Charge, and Head, Department of Geology** hoisted the National Flag. He recalled the great sacrifices of our leaders to win freedom and traced the growth of India from scarcity to plenty, since independence.



GOLU

The Navarathri Golu at the Indoor Auditorium was a great event and the spectacular display dolls was the cynosure of all eyes. Poojas were performed on all the nine days amidst Vedic chanting. The daily music, dance and Bhajan programmes made the event a grand cultural



extravaganza. Arrangements for the event were made by Dr.D.Prasanna Balaji.

Saraswathi Pooja

Saraswathi known as Vidya and Vak Devi is always cherished and celebrated by the collective conscience of National College, which boasts of strong roots in tradition. The great Goddess of learning, knowledge, wisdom, music and arts grants us all boons. Saraswathi Pooja is an excellent occasion to propitiate and pray to Her. The Saraswathi pooja was celebrated this year also, in all its grandeur at the Indoor Auditorium on 28.09.2017. Thousands of students



and teachers participated and offered solemn prayers with devotion. In addition, pooja was performed in the Office of the Secretary, the College Office and in each department.

Innovative Faculty Development Programme

Hearty Welcome to our New Entrants!

The Management, Staff and Students extend a Hearty Welcome to the following Faculty members who have joined our College in September 2017 and wish them a happy, brilliant and successful Career at National College.

Dr. S. Senthil Kumar-Botany, Dr. C. Muthukumar-Botany, Dr. S. Muhamad Rafiq-Chemistry, Dr. B. Sekar-Commerce, Dr. K. Rajesh-Economics, Dr. K. Iyna-Economics, Dr. T. G. Akia-English, Dr. M.N.V. Preya-English, Dr. R. Suresh Kumar-English, Dr. P. Nainar Sumathi - English,

Dr. K. Sivakumar-Geology, Dr. R. Soundar Rajan-Geology, Ms. S. Prasanna Devi-Hindi, Dr. V. Vanitha-Mathematics, Dr. T. Siva Subramania Raja-Mathematics, Dr.R. Padma-Tamil, Dr. K. Bhuvaneswari-Tamil, Dr. J. Buvaneswari-Tamil, Dr. R. Raja-Tamil and Dr. K. Govindaraj-Zoology.

National College welcomed into its fold 21 new Assistant Professors in the Departments of Botany, Chemistry, English, Economics, Commerce, Zoology, Tamil, and Hindi. In order to orient the new faculty members to the spirit of service, sincerity and quality, an innovative 5 day residential training programme was held at Don Bosco Training Centre at Manikandam, Tiruchi from 11.09.2017 to



15.09.2017. The programme organised by the IQAC, based on a holistic approach, was designed to impart values like commitment and dedication, provide fresh knowledge of effective pedagogy and methods of self- management, so that they can bring out the best for their professional as well as personal effectiveness.

After the formal inauguration by the Principal Dr. R. Sundararaman, Dr.K.Anbarasu, Director of Studies, briefed the participants on the history of National College. Talks were delivered by stalwarts on a wide range of topics covering the multiple dimensions of pedagogy. In addition to lecture sessions, workshops were conducted wherein the participants, formed into groups identified the qualities of great teachers, prepared vision plan for the college as well as the nation. Daily Yoga practice at 6 A.M under the guidance of Yoga teachers from Veda Maharishi Ashram, Trichy, Presentation of a report on the "Activities of the Previous Day" and "Thought for the Day" by a voluntary participant were other highlights of the programme.

The valedictory function was presided over by Shri. K. Raghunathan, Secretary. He outlined the expectations of the Management and exhorted the professors to grow with National College. He assured them of all support in their academic and research pursuits. In their feed-back, the participants expressed their hearty thanks to the Management for the wonderful experience which was beyond their expectations. Dr. Mohamed Jabir, the Co-ordinator of the 5 day programme, proposed a vote of thanks.

This issue is sponsored by the Alumni Association of National College, Tiruchirappalli.

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 RAGHUNATHAN KALAMEGAM



National COLLEGE NEWS Bulletin

PRE - CENTENARY YEAR CELEBRATIONS 2017 - 2018



Kiran Bedi for inculcating probity in students

Lieutenant Governor of Puducherry Kiran Bedi said inculcating probity and personal skills among children was essential to build a new society. Delivering the Rajaji Memorial Endowment Lecture at National College on 11th Jan 2018, she said values such as probity in public life was on the decline. The focus of educational institutions was mainly on preparing students to become employable. The current system

Puducherry Lieutenant Governor Kiran Bedi receives Guard of Honour from National College NCC cadets before delivering the Rajaji Memorial Endowment Lecture.

did not focus on creating individuals with integrity and honesty. Institutions are trying to compete with one another in promoting professional skills among youngsters and parents also wanted their wards to become employable as soon as possible, she pointed out. Ms. Bedi said the UPSC had a system to test the professional skills and intelligence quotient of civil service aspirants. Not many of them were tested on personal skills on honesty and integrity, handling special issues and family pressures. "The institutions had failed to understand that there was a need for stand-alone system to produce persons with impeccable integrity and honesty in public life," she said. Ms. Bedi said that States such as Tamil Nadu had been creating a culture of dependence by distributing freebies to the people irrespective of rich or poor. Many households had televisions, grinders and mixer grinders more than the numbers they wanted. Only the deserving and needy people should be given doles. It was important to make citizens self reliant on all aspects. Paying rich tributes to Rajaji, the Lieutenant Governor said that he was known for integrity and probity in public life. He had shown exemplary courage in all his actions in public life. He was one among those, who laid the foundation for a strong nation. The youngsters could take cue from him to lead a courageous life, she added. K. Ragnathan, secretary, K. Anbarasu, Director and R. Sundararaman, Principal spoke.

Shri A.R.Vaasudevan (Left), Regional Head, Tamil Nadu, Central Depository Services (India) Limited (CDSL) and Dr. R. Sundararaman, Principal, National College are exchanging the copies of MOU for National Academic Depository services.

National College goes Digital in issuing certificates

Signed MoU with CDSL



From the Secretary's Desk



Dear Reader

Academic Year 2017-2018 had been highly eventful. Many VIPs visited our College and addressed our students. Seminars, Workshops and Special Lectures were held. 2018-2019 will be our 100th Academic Year. We have planned to celebrate our Centenary in January 2019. Each and every department has drawn out a plan to celebrate throughout the academic year. International and National Seminars are in the offing. From 18th June 2018 to May 2019 we will be organizing number of Seminars and Workshops and Special Lectures.

All are highly motivated and I am certain that the 100th Year of the College, under the headship and blessings of our President Padma Vibushan Dr.V.Krishnamurthy will be a land mark in the history of the College. It is my earnest desire that you participate in our celebrations and make it a success.

SECRETARY

From the Office of the Principal



Dear Reader

Greetings. I am delighted to report that the even semester of the academic year 2017-18 was marked by high level of activity on all fronts. The annual Rajaji Endowment Lecture on "Probity in Public Life" was delivered by Dr. Kiran Bedi, Lieutenant Governor, Pondicherry, the most suitable person for the occasion. As a powerful icon of courage, capability and character, the illustrious daughter of India energized and enlightened our boys and girls. Our students were also blessed with the wisdom of legal luminaries.

Hon'ble Justice R. Subramanian, delivered the Principal Saranathan Memorial Lecture and Hon'ble Justice S. Bhaskaran delivered the convocation address. The 99th College Day was celebrated with the usual grandeur, with Dr. Mini Shaji Thomas, Director, National Institute of Technology, Trichy as the Chief Guest. The annual Sports Day, fully packed with a multitude of events was observed in style. Infrastructure Development and augmentation of facilities is the top priority of our Management. Various projects are being implemented with full vigour, under the dedicated guidance of our President Padma Vibushan Dr.V. Krishnamurthy.

The ensuing academic year 2018-19, being the Centenary Year of this Magnificent Institution holds a mammoth potential and exciting opportunities. Our collective endeavour is the élan vital for the optimal utilization of our potential and exploitation of new opportunities. I fervently request all stakeholders to put in their best to make the Centenary celebrations an outstanding success and take our college to sparkling heights in order to realize the grand vision of our founders and the Management.

PRINCIPAL

1919 - 2019

Inspired by Nationalism
NATIONAL COLLEGE
Celebrates 100th Year
in the cause of Education

Our motto

'That alone is knowledge which liberates'





The 99th Graduation ceremony was held on 24/03/18. It was truly an exultant occasion for the college as 882 degrees in UG, PG and M.Phil. were awarded, which includes 22 university ranks and two gold medals.

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 "beaming with pride", as they were congratulated on their academic achievements.

Honourable Justice S. Baskaran, Madras High Court, Chennai was the Chief Guest. The day's event started with the Procession from the Secretary's office to the Auditorium. Secretary Shri. K. Raghunathan, declared open



the graduation day and Principal Dr. R. Sundararaman, welcomed the guests and to be graduates. The Chief Guest in his graduation day address recollected his graduation day in nostalgia. He said, the purpose of education is to pursue

knowledge and knowledge helps to gain self discipline, commitment towards community, society and country. The development of the individual should lead to country's



development. Further he advised the students to set goals and work hard to achieve them. He quoted Tiger Patodi, former Indian cricket team captain as an example and said that young graduates should come forward to utilize the opportunities available to them and sometimes should be able to create opportunities to be successfully in their life. He also encouraged the graduates in the vein of Dr. A.B.J. Abdul Kalam, our former President that all should have a dream and everyone should have a strong will to convert their dream into reality. He greeted the young graduates to become multi faceted personalities and to be successful in their life and wished them all the best. Principal Dr. R. Sundararaman, administered the pledge and dissolved the graduation function.



The College celebrated its 99th College Day on March 14 2018. The Chief Guest was **Dr. Mini Shaji Thomas, Director, National Institute of Technology, Trichy**. The event was a joyful interlude for the students amidst their tight academic schedule. Achievers of the academic year were recognized during the occasion.

Shri. K. Raghunathan, Secretary of the College welcomed the gathering and expressed his delight to see the college marching magnificently forward. He congratulated the students on their achievement and applauded the efforts taken by the Principal and all the members of the staff for encouraging the students to achieve their goals.



Dr. Mini Shaji Thomas in her Chief Guest address said that the students should move beyond getting overtly conscious about dress code and should be more outgoing. She also insisted that students should make full use of the

information that is available in the knowledge-era.

She shared her own personal experiences regarding how she travelled across the world without any male companion and encouraged girl students to also be bold and easy going. "The past scenario have changed and women can now go anywhere alone safely," she stated and added that dress code for boys and girls was not a very relevant norm anymore. She also added that her daughter too was brought up in an independent way.

Further, she urged students to make full use of the technology that is available to them. "Previously, knowledge was available only at the library, but everything is now available through internet on smart phones," she said. She concluded that the students must be straight forward and serve for the betterment of the society without minding differences in nationality, religion, race, language and gender.

Principal Dr. R. Sundararaman, presented the Annual report in which he listed out the projects received by the professors and the laurels won by the students. Mementoes were given to retiring staff members and one who completed 25 years of service by the Vice President of the college Trust Mr. V.Chakrapani. There were 24 University rank holders, (2 First Ranks honoured with gold medals) 96 Endowment prizes consisting one gold coin, three silver medals and Rs 81000 cash prizes and 196 proficiency prizes given to the students. Dr. P.S.S.Akila Shri, Vice Principal proposed a Vote of thanks.

99TH SPORTS DAY



The 99th Annual Sports Day was celebrated on 16.02.2018 amidst great mirth, verve and camaraderie. The Chief Guest for the day was **SRI.D.Carthigueane, Youth Officer, Regional Directorate of Bangalore, Ministry of Youth Affairs and Sports.**

The Principal welcomed the guests and Dr.D. Prasanna Balaji presented a brief report of the College sports activities. He described the grand events organised by the Department of Physical Education. He highlighted the spectacular achievements of our students. The scintillating performance of Ms. A. Chandralekha III B.A. English who created a new record by crossing 100 metres in just 11.2 seconds at the Bharathidasan University Sports meet was greeted with thunderous applause. This was entailed by the unfurling of the College flag and the declaration of the Meet open by the Chief Guest, marking the commencement of the ceremony, followed by the lighting of the olympic flame by the



College Sports champions and balloons, to mark the expression of joy and delight. The Chief Guest, Mr. D.Carthigueane in his address was superlative in his praise for the March past done by College students stating that it was outstanding and well synchronized. He lauded the energy



zest and vitality of students presenting the Field Displays. He opined that the sports are a very important part of education because it makes students disciplined. He urged students to participate in sports with sincerity. At the end of the day, students departed with a clear smile on their faces as the Mathematics department emerged as Champions. It was a day filled with sportsmanship, enthusiasm and memories to cherish. In the Closing Ceremony, the Meet was declared closed and the College Flag was handed over to the Secretary, after a Slow March. The Vote of thanks was proposed by Assistant Professor, Mr.D. Boopathy.

Rajaji Memorial Endowment Lecture



The Rajaji Memorial Endowment Lecture was held on 11.01.2018. The Chief Guest **Dr. Kiran Bedi IPS (Retd.), Lieutenant Governor, Puducherry**, delivered a lecture on "Probity in Public life". Secretary, Shri. K. Raghunathan welcomed the gathering and honoured the Chief Guest. The Chief Guest, in her address said values such as probity in public life were on the decline. The focus of educational institutions was mainly on preparing students to become employable. The current system did not focus on creating individuals with integrity and honesty. Institutions are trying to compete with one another in promoting professional skills among youngsters and parents also wanted their wards to become employable as soon as possible, she pointed out. Ms. Bedi said the Union Public Service Commission (UPSC) had a system to test the professional skills and intelligence quotient of civil service aspirants. Not many of them were tested on personal skills on honesty and integrity, handling special issues and family pressures. "The institutions had failed to understand that there was a need for standalone system to produce persons with impeccable integrity and honesty in public life," she said. Paying rich tributes to Rajaji, the Lieutenant Governor said that, Rajaji was known for integrity and probity in public life. He had shown exemplary courage in all his actions in public life. He was one among those, who laid the foundation for a strong nation. The youngsters could take cue from him to lead a courageous life, she added. Principal Dr. R.Sundararaman delivered a Vote of thanks.

Sri Ramanujan Endowment Lecture

Sri Ramanujan Endowment Lecture was organised on 22.12.2017 on the eve of Mathematical genius Srinivasa Ramanujan's birthday. The Chief Guest **Dr. K.R. Vasuki, Associate Professor and Chairman, Department of Mathematics, University of Mysore** garlanded the Ramanujan's bust at College campus. Dr. R. Sundararaman,



Principal, welcomed the gathering. The Chief Guest delivered the Endowment lecture entitled "Ramanujan's Modular Equations of degree 21 and related identities - An elementary approach". He related Modular equations with Mock theta functions in a simpler manner which involved high school mathematics. He explained the identities that are related to Ramanujan's Modular equations in elementary methods. Ms. K. Srividhya, Assistant Professor, Department of Mathematics, proposed a Vote of thanks.

Principal Saranathan Memorial Endowment Lecture



Principal Saranathan Memorial Endowment Lecture VII was delivered by **Honourable Justice R. Subramanian, Judge, Madras High Court** and he lectured on "Joy of Education" on 06.01.2018. He differentiated between Education and Qualification : Teacher and Trainer. He noted that the idea that Education is a burden and a boring process is flawed. If students learn to enjoy education, the level of assimilation and expansion of knowledge boundaries would be excellent. He explained how a proactive teacher could transform the young minds and make them love the learning process. He also said that teachers should be creative. He referred to the modern tools of teaching as Edutainment. The Dopamine of the human brain would be activated if there is active interaction between the students and teachers, he added. The Principal Dr. R. Sundararaman, welcomed the gathering. Dr. K. Srinivasan, Vice Principal proposed a Vote of thanks.

Sir C.V.Raman Memorial Endowment Lecture

Dr. B. Venkatraman, Director, Health Safety and Environment Group, Indira Gandhi Centre for Atomic Research (IGCAR) Kalpakkam delivered a lecture on "Imaging NDE in Nuclear Science and Technology-Challenges, Solutions and Research Areas" on 28.02.2018. Dr. R. Sundararaman, Principal, delivered the Welcome address. The Chief Guest on his address, explained that Non Destructive Evaluation are non invasive methods and techniques that employ a probing medium and analyze the response from the subject to determine its fitness for the

purpose. NDE today is indispensable part of modern society, its application areas span a gamut ranging from research and industrial quality assurance to medical imaging, healthcare, heritage conservation and material characterization. With the



advent of Sensors, Robotics, Instrumentation and imaging technologies including artificial intelligence, NDE science and technology has undergone a paradigm shift. The 21st century can be considered an era of quantitative imaging NDE. Nano structural imaging to understand the materials and its behavior, dynamic imaging to visualize fluid phase flows, mechanistic aspects, multi modal in vivo imaging in medical field to obtain non invasively structural and functional information of tumor vasculature and physiology with anatomical details at finer spatial resolution are some of the typical examples. He added that the wide spectrum of research and applications highlights the importance of imaging NDE in strategic, core and healthcare sectors with

practical innovative case studies. It would also dwell on the international status of imaging NDE and possible areas of research in imaging and NDE. Dr. A. T. Ravichandran, Associate Professor of Physics proposed a Vote of thanks.

Padma Vibhusan Dr. C. Rangarajan Endowment Lecture-V

On 01.03.2018, the Department of Commerce had organised Dr. C. Rangarajan Endowment Lecture. The Chief Guest was **Dr. Nalli Kupuswami Chetti, Chairman, Nalli Business House, Chennai.** He started his speech by stating "Honesty is the Best Policy". He advised the students to have sound knowledge with character, wealth with hard work and



there was an overwhelming response from various faculties. Earlier Head, Department of Physics Dr. S. Pari welcomed the gathering, Principal Dr. R. Sundararaman in his presidential address spoke about the importance of research in the academic career. In his presidential address he enthused the students to follow the path laid by our fore-fathers and come out successful in life. Dr. V. Hariharakrishnan, the Co-ordinator of the event, proposed a Vote of thanks.



business with ethics. He explained the students about Counter sales and customer satisfaction. He said that if a person wishes to have job satisfaction, he will be pleased to work. He advised the students that text book information may help them to pass in their exams but only experience will help them to come out with flying colours. While speaking, he said that he always shares his success with the hard work of employees and customers. He also discussed about the recent bank frauds and stated that loans can be borrowed but it has to be repaid promptly. He stated that Mr. Obrai who is the proprietor of Obrai star hotel, started his career as a typist in a hotel at Simla and came up in life only because of hard work and perseverance. While concluding his speech he said "Honesty and Hard work" should be the mantra for the people. Earlier, the welcome Address was given by the Principal Dr. R. Sundararaman. Dr. K. Kumar Associate professor of commerce delivered a Vote of thanks.

Golden Jubilee Endowment Lecture

The annual Golden Jubilee Endowment lecture of the Physics Department was held on 09.03.2018. **Dr. R. Ramaseshan, Scientific Officer (F), IGCAR, Kalpakkam,** was the Chief Guest. In his address, he spoke on "Nano Mechanical Characterisation of Small Materials". He was quiet optimistic about the research facility in the College and spoke about various Nano-Mechanical characterisation techniques like Micro-hardness, XRD, SEM, TEM etc. He encouraged the students to take up research as their career. He gave an introduction about small materials and some of its important applications. Students interacted with him and

கல்கி ரா. கிருஷ்ணமூர்த்தி அறக்கட்டளைச் சொற்பொழிவு

நூற்றாண்டை நோக்கி செம்மாந்த நடைபயிலும் பாரம்பரியம் மிக்க தேசியக்கல்லூரியின் தமிழ்த்துறையில் கல்கி ரா. கிருஷ்ணமூர்த்தி அறக்கட்டளைச் சொற்பொழிவு 15.02.2018 அன்று நடைபெற்றது.

நிகழ்ச்சியின் முன்னதாக கல்லூரி செயலர் பெருந்தகை கா.ரகுநாதன் அவர்கள் சிறப்பு விருந்தினரை வரவேற்று பொன்னாடை அணிவித்து நினைவுப்பரிசு வழங்கினார். தலைமையுரை நிகழ்த்திய கல்லூரி முதல்வர் முனைவர் இரா.சுந்தரராமன் அவர்கள் கல்கி ரா. கிருஷ்ணமூர்த்தி அவர்களின் வரலாற்றுப் புதினங்களின் தனித்துவத்தைப் பறைசாற்றியதோடு, மாணவர்கள் இது போன்ற விழாவில் கலந்து கொண்டு நம் தமிழரின் வீரவரலாற்றினை, தமிழின் சீர்மையை அறிதலோடு, தங்களது அறிவுத்திறனை வளர்த்து வளம் பெறவேண்டும் என்றார். சிறப்பு விருந்தினர் **மேனாள் துணைவேந்தர் மாண்பும முனைவர் ம.திருமலை, தமிழ்ப் பல்கலைக்கழகம், தஞ்சாவூர்.** அவர்கள் "கல்கி ஓர் அற்புதச்சுடர்" என்னும் பொருண்மையில் உரையாற்றுகையில், 'கல்கி' சமூகத்தைப்பற்றிய பொது



நோக்கு சிந்தனைச் சிற்பி, என்றும், தீமைகள் பெருகி நன்மைகள் குறையும் போது எடுக்கும் அவதாரபுருஷன் என்றும், மிக எளிமையான மனிதராகவும் நகைச்சுவை

விமர்சகராகவும், விளங்கியவர் என்றார். பாரதியைப்பற்றி எதிர்மறையாக விமர்சித்ததினால் கு.ப.இராஜகோபால் அவர்களினால் பாரதி ஒரு மகாகவி என்று நூல் உருவாக்கமாவதற்கு காரணமாக அமைந்தது என்றார். தனது ஒன்பது வயதில் கல்கியின் புதினங்களை வாசிக்க ஆரம்பித்தேன் எனவும், அதை இன்றைய காலம்வரையில் அதே நினைவலைகளோடு இருப்பதினால்தான் பல நூல்களை உருவாக்கம் செய்யமுடிந்தது என்றார். கல்கியின் புதினத்தில் ஓர் இலட்சிய அவதாரபுருஷனான தலைவனை மையப்படுத்தும் வகையில் வந்தியத்தேவன், அமைந்திருப்பதைக் கூறியதோடு குந்தவை, வானதி போன்ற கதாபாத்திரங்களின் செயல்தன்மையையும் நினைவுகூர்ந்தார். அன்றைய இளைஞர்களை ஒரு தனி உலகத்திற்கே கொண்டுசெல்லும் தனித்துவம் அவருக்கே உரியது.

கல்கியின் நடைஉத்திகளைப் பற்றிக் கூறும்போது நீண்ட தொடர்களில் அமையும் என்றும், மனித இயல்பின் அடிப்படைக்கு ஏற்ப எழுதும் வல்லமை பெற்றவர் என்றும் கூறினார். அனைத்திற்கும் மேலாக அழியும் நிலையை அடைந்த நாட்டுப்புற இலக்கியத்திற்கு ஒரு புதுவாழ்வினைக் கொடுத்த மாமேதை. திரு கல்கி அவர்கள், ஐம்பதுகளிலேயே சுதேசித்தன்மையை வலியுறுத்தி அதில் வெற்றியும் வாய் கப் பெற்றவர். காந்தியின் ஆங்கிலக் கட்டுரைகளையெல்லாம் முதன் முதலில் தமிழில் மொழிபெயர்த்து சத்தியசோதனை என்ற பெயரில் நூலாக்கம் செய்தவர் திரு கல்கி அவர்களே என்றார். அறக்கட்டளையின் ஒருங்கிணைப்பாளர் பேராசிரியர் தமிழ்த்துறைத் தலைவரும், கலைப்புல முதன்மையருமான முனைவர் ச.ஈஸ்வரன் அவர்கள் நன்றிநவில் விழா இனிதே நிறைவடைந்தது.

மேனாள் முதல்வர் ந.சேஷாத்திரி அறக்கட்டளைச் சொற்பொழிவு

நூற்றாண்டை நோக்கி செம்மாந்த நடைபயிலும் பாரம்பரியம் மிக்க தேசியக்கல்லூரியின் தமிழ்த்துறையில் மேனாள் முதல்வர் முனைவர் ந.சேஷாத்திரி அறக்கட்டளைச் சொற்பொழிவு 20.01.2018 சனிக்கிழமை நடைபெற்றது.

தமிழ்த்துறைத் தலைவரும், கலைப்புல முதன்மையருமான முனைவர் ச.ஈஸ்வரன் அவர்கள் வரவேற்புரை வழங்கி, சிறப்பு விருந்தினரை அறிமுகம் செய்தார். தலைமையுரை நிகழ்த்திய கல்லூரி முதல்வர் முனைவர் இரா.சுந்தரராமன் அவர்கள் மாணவர்கள் இது போன்ற விழாவில் கலந்து கொண்டு தமிழின் சீர்மையை அறிதலோடு, தங்களது அறிவுத்திறனை வளர்த்து வளம் பெறவேண்டும் என்றார். சிறப்பு விருந்தினர் **பேராசிரியர் முனைவர் கோ. ப. நல்லசிவம், தமிழ்ப் பல்கலைக்கழகம், தஞ்சாவூர்** அவர்கள் “ஏழிசையாய் இசைப்பயனாய்” என்னும் பொருண்மையில் உரையாற்றுகையில், இசை இதயம் உள்ள அன்பர்களுக்கெல்லாம் பொதுவானது என்றும், தமிழ்மொழி பக்தியின் மொழி, அன்பின் மொழி, என்று தனிநாயகம் அடிகள் கூறியதை பறைசாற்றினார். இசையான தமிழ்மொழி மதம்கடந்து இசையினால் நம்மை ஈர்க்கும், ஈர்ப்புவிசை மட்டுமல்லாமல், மதம்கொண்ட யானையையும் அடக்கும் வல்லமை பெற்றது என்றார். பண்இசையை தமிழ்மரபு மாறாமல் மீட்டுருவாக்கம் செய்தவர் காரைக்காலம்மையார் என்றும், தமிழ்மொழியின் தன்மை எழுதுவதைப்போலவே உச்சரித்து பொருண்மை கொள்ளும் சிறந்தமொழி, என்றும்,

இந்தியமொழிகளில் தமிழ்மொழியே சிறந்த இடத்தைப் பெறும் நிலையை இசையினால் எடுத்துக் காட்டினார். இசைத்தொடர்பியின் மூலம் இன்றைய உலகில் பல நோய்கள் நிவர்த்தியாகும் நிலைக்கு உரிய பலதரப்பட்ட பண் இசையை,



பக்தி இலக்கியம் தொடங்கி சிற்றிலக்கியங்களான குறவஞ்சி, உழவுப்பாட்டு, திரைப்படப் பாட்டின் மெட்டுகள், இராமாயணப் பாடல்கள், ஆழ்வார்களின் பள்ளியெழுச்சிப் பாடல்கள் வரை மிகவும் அருமையாக, கம்பீரமான குரல் ஒலியினால் இசையின் பயனை மாணவர்களின் மனதில் பசுமரத்தாணியாய் பதியவைத்தார். பேராசிரியர் முனைவர் ஆ.முருகானந்தம் அவர்கள் நன்றி நவில் விழா இனிதே நிறைவடைந்தது.

Conferences / Seminars / Workshops

One Day Seminar on Recent Trends in Material Characterisation

The PG and Research Department of Physics organised One-Day Seminar on “Recent Trends in Material Characterisation” on 02.03.2018. **Dr. M. Sathish, Scientist, Functional Material, CECRI, Karaikudi**, was the Chief Guest. In his inaugural address, he said that such facilities are



available only in pioneer institute like IIT, IISc and CECRI. He said that the students and scholars who are attached to such institutes will go places and will bring laurels to the institute to which they are attached. He was quiet optimistic about the research facility in the college. He spoke about various material characterization techniques like XRD, SEM, TEM etc. Earlier Head, Department of Physics welcomed the gathering, Principal Dr.R.Sundararaman delivered presidential address. Dr. B.S. Srikanth, Co-Coordinator of the seminar proposed a Vote of thanks.

National Seminar on Enabling Social Integration



Tamil Nadu young thinkers forum in association with our College and Dr. R. Kalamegham center for studies on Indian culture and heritage conducted a National Seminar on the topic "Enabling Social Integration", on 16.04.2018. **Dr. Vinay Sahasrabuddhe, President of Indian council for cultural relations and a Member of Parliament, Rajaya Sabha** was the Chief Guest and **K. Rajamani, District Collector and Magistrate, Trichy** was the guest of honour. Lifetime Achievement Award was presented to late P. Kakkan (Freedom Fighter & Political Leader) which was received by his son on the occasion.

The Chief Guest on his address said that both Ramanujacharya and Ambedkar were identical personalities who fought for bringing disadvantage and deprived sections of society to the forefront. They worked for social equality, integrity and harmony of the country. Both were rebellions of their times. However, they took care that it does not lead to any kind of fragmentation of the society. So, it is an injustice to the great personalities to confine them as caste leaders. He also said that when there were a number of forces trying to divide the society, there were forces like Tamil Nadu Young Thinkers Forum that was working to unite the society which was a welcome move. Our College Secretary Sri. K. Raghunathan, **Dr. Sumathi, Professor and Head Department of Anthropology, University of Madras, Dr. R. Maadhu, Scholar and Poet, M. Thangaraj, President of thevendrar Thannarva Arakkatalai, Arunachalam Iankumar Sambath, Advocate and Tada Periyasamy, Managing Trustee of Nandhanar Sevashrama Trust**

were the eminent speakers of the seminar. Ramanujacharya - Ambedkar Awards were presented to Mr. Mariappan, Principal of Cuddalore Government School, Mr. Moorthy Megavan, Water (Sea) Sport trainer, Ms. Swetha Magendran, the first Engineering degree holder from Narikuravar community, Chennai Selambam Mr. Sekar, Ms. Uma Devi, Professor from Virudhunagar.

UGC & TNSCST Sponsored International Conference on Recent Advances in Materials (ICRAM - 2018)

The UGC and TNSCST sponsored International Conference on Recent Advances in Materials, organized by PG & Research Department of Physics was held between 22-23 March 2018. Dr. M. Lakshmanan, Professor of Eminence and DST Ramanna Fellow, Bharathidasan University, Tiruchirappali inaugurated the conference. In his address he highlighted the importance of quality research and encouraged the youngsters to take up research in basic sciences. He introduced new materials and its important applications. **Dr. R. R. Sumathi, Ludwig-Maximillan University, Germany** delivered the Keynote address on smart materials and sensors.

In this conference, scientists and researchers from various countries delivered invited talks. **Dr. R. R. Sumathi, Materials Science and Crystallography Institute, Ludwig-Maximilians-University (LMU), Munich, Germany. Dr. A. Pandikumar, Scientist, Functional Materials Division, CSIR-Central Electrochemical**

Research Institute, Karaikudi. Dr.M. Kumaresavanji, Department of Physics and Astronomy, University of Porta, Portugal. Dr.T. Arun, Advanced Materials Laboratory, Department of Mechanical Engineering, University of Chile, Santiago, Chile. Dr.S. Nagamuthu, Department of Chemistry, University of Ulsan, Republic of Korea. Dr.S.Tamil Selvan, Department of Chemistry, Myongji University, Natural Science Campus, Republic of Korea. Dr.J.Ramkumar,



Department of Physics, Faculty of Physical and Mathematical Sciences, University of Concepcion, Concepcion, Chile were the resource persons for the plenary sessions.

Dr. S.Pari, Head of the department, delivered the welcome address; Principal Dr.R.Sundaraman delivered the Presidential address, Secretary Shri. K.Raghunathan released the Book of Abstracts. **Dr.E.Manikandan, senior fellow, UNESCO, TUCAS, Thiruvalluvar University** offered felicitations. Dr.A.T.Ravichandran, Convener of the



Conference explained the Theme of the Conference. Dr.T.V.Sundar proposed a Vote of Thanks.

The Valedictory function was held on 23-03-2018. Dr. S. Ravi Associate Professor of Physics, welcomed the gathering. **Dr.R.Chandramohan, Principal, Sree Sevugan Annamalai College, Devakottai,** delivered the Valedictory address, Principal Dr.R.Sundaraman, delivered the presidential address. **DR.Tamilselvan Subramanian, Department of Chemistry, Myongji University, Natural Science Campus, Republic of Korea** offered felicitations and distributed the best presentations awards.

Dr.A.T.Ravichandran, Convener of the Conference presented the report of the conference and proposed the vote of thanks. 125 research articles were discussed in the two



days conference. More than 150 Scientists, Research Scholars and Students from 36 colleges participated in this conference.

A one day National Seminar on From traditional library to present library: Challenges and Opportunities

National College in association with Academic Library Association organized a national conference on "From Traditional library to present library:Challenges and opportunities and felicitation for Dr. P. Ragavan, Librarian and Vice Principal on 07-04-2018. Dr. P. Ganesan, Librarian, Alagappa University welcomed the gathering for the inaugural session. **Dr. K.Surendra Babu, Librarian In-Charge, Shri Venkateshwara University, Thirupathi** delivered the inaugural address. In his speech, he explained how modern libraries work and how books are being published over cyber space. The challenges are the expenses to establish the ICT facilities in the library and opportunities are the simplicity of the library software to browse books which is linked with world libraries and greeted Dr. Ragavan for his happy retired life. Shri. K. Raghunathan, Secretary, released the souvenir. Principal Dr. R. Sundaraman, appreciated Dr.Ragavan for his hard work and self motivating



nature and differentiated how previously the college library appeared and how it appears now and the facilities available in the library. Dr. V. Nandagopalan, Controller of

Examinations, Dr. D. Muthuramakrishnan, Senate member Bharathidasan University, Dr. S. Eswaran, Dean of Arts, Dr. M. Durai Rajan, Former President, ALA, Dr. R. Jayabal, former Treasurer, ALA, Dr. Sagayasatheesh, General Secretary, ACTA, Tamilnadu, felicitated Dr. P. Ragavan on his retirement. Dr. P. Ragavan in his acceptance speech thanked everyone and recollected his early days in nostalgia. Dr. M. Sankar, Assistant Librarian, Tamilnadu Agricultural University Thiruvannamalai proposed Vote of thanks for the inaugural session. There were 4 Technical Sessions and more than 100 papers were presented from academicians who came from all over the country.

Dr C. Martin Arokiaraj, Former Secretary, ALA welcomed the gathering for the valedictory session. Dr. K. Surendra Babu, Associate Professor, S.V. University, Thirupathy felicitated. Dr. S. Srinivasa Ragavan, Librarian, Bharathidasan University, delivered valedictory address and Dr. S. A. Sampatkumar, former librarian, SKSS Art College, proposed a Vote of thanks.

NACOTECH 2K18

NACOTECH-2K18 (National College Technical Symposium) conducted by PG & Research Department of Computer Science, was organized on 02.02.2018. Dr.P.S.S. Akilashri, Vice-Principal (UAP), delivered the welcome address. The Presidential Address was given by Dr.R.Sundararaman, Principal, where he insisted that the students should inculcate mathematical, analytical and reasoning skills, which help the students to achieve in Technical area of IT industry.

Shri K. Raghunathan, Secretary of the College, delivered a special address. Dr. K. Anbarasu, Director of studies, felicitated the gathering. He advised the students to strengthen skills that make them to develop the knowledge and to get placed in Top Companies.

Mr. B. Murali, Head, Department of Computer Science, PSG College of Arts and Science, Coimbatore inaugurated the function. He delivered a special address on "Temporal Parallelism" and explicated the word 'Temporal' and further explained that Temporal parallelism or pipelining



refers to the execution of a task as a cascade of sub-tasks. Further, he said that each functional unit can be seen as a

"specialized" processor in the sense that it always executes the same sub-task. Temporal parallelism involves partitioning the processing task into a number of steps, which when applied sequentially to each unit of information, produce the same results as the original task. Towards the end of the event, the Vote of thanks was given by Prof. A. Umamageswari, Head, Department of Computer Applications.

In the Valedictory function the Chief Guest **Dr.V.Sinthu Janita Prakash, Head, Dept Of Computer Science, Cauvery College for Women, Trichy** delivered the valedictory address and distributed prizes to the winners. Totally 269 participants from 16 colleges participated in the Inter Collegiate Technical Symposium NacoTech2k18. UG Overall Championship was won by Srimad Andavan Arts and Science College and PG Overall Championship was won by St. Joseph's College. Earlier, Prof. R. Sasikala, Head, Department of Computer Science welcomed the gathering. Dr. P. Raghavan, Vice Principal, of the College and Dr. V. Nandagopalan, Controller of Examinations, felicitated the gathering. The report of the symposium was presented by Prof. S. Ramani, Head, Department of IT. Ms. V. Sasirekha a student of III B.Sc (CS) proposed a vote of thanks.

One day Workshop on X-ray Diffraction studies

National College Instrumentation Facility (NCIF) conducted a one day workshop on X-ray diffraction studies on 16.12. 2017. Dr. K. Vivekanandan, Associate Professor and Head, Department of Chemistry and Dean of Sciences of our College welcomed the gathering. Principal Dr. R. Sundararaman gave his presidential address. **Dr. M. Nethaji, Chief Research Scientist, Department of Inorganic and Physical chemistry, Indian Institute of Science, Bangalore** was the Chief Guest. He discussed in



detail the X-ray Diffraction studies. Further, he explained the basic concept of X-ray instrumentation, both power and single crystal, discussed various crystal types and its pattern. 125 postgraduate students from chemistry and physics departments attended the workshop. The certificates were distributed by Dr. V. Nandagopalan, Controller of Examinations. Dr. D. Saravanan, Co-ordinator, NCIF, proposed a Vote of thanks.

SEBI Sponsored Financial Education Workshop on Young Investors

The Association of Commerce (UAP) conducted a SEBI sponsored Financial Education workshop on "Young Investors" on 24.01.2018. The Chief Guest **Dr. P. L. Senthil, Professor of Management Studies, Jamal Institute of Management, Trichirappalli**, who is also a certified resource person inaugurated and delivered a speech on Financial Education for Young Investors. He spoke on the objectives and aims of the workshop, which was to impart the



participants with the knowledge and understanding of various financial products and to equip them to better manage their personal finances. He said, SEBI believes that "An Educated Investor is a Protected Investor". Further, Financial education is an extremely important life skill, which empowers people to make sound personal financial decisions and help them to achieve life long financial prosperity and also to avoid financial disaster in life, he added.

The workshop covered the topics such as: Introduction to savings and investments, time value of money, basics of budgeting, inflation, power of compounding, choosing right investment, protection and loan products, risk and return, asset allocation strategy and investor protection and grievances, stock market proceedings, etc. He also narrated the various functions of SEBI and how the investors can safely invest their money. Large number of UG and PG students of Commerce participated in the workshop. Earlier Dr. R. Sundararaman, Principal, delivered the Presidential address. Prof R. Jayaraman, Head of the Department of Commerce (UAP) welcomed the gathering. Dr. R. Narayanasamy and Dr.P.S.S. Akilashri (Vice-Principal (UAP) offered felicitations. Prof. T. Nandhini, Vice-President of the Commerce Association proposed a Vote of thanks.

One day Workshop on Advanced Concepts in MS-EXCEL 2016

The PG and Research Department of Computer Science conducted a one day workshop on "Advanced Concepts in MS EXCEL 2016" on 22.03.2018, with the participation of nearly 150 students. Prof. R. Sasikala, Head of the Department welcomed the gathering. Dr.R.Sundararaman, Principal, delivered the inaugural

address on today's technological growth in the computer field and the need of excel in every field. He also insisted on the benefits of excel. Dr.K.Anbarasu, Director of Studies presided



over the function. Dr.P.S.S.Akilashri , Vice Principal (UAP), felicitated the function. The First and Fourth Sessions were handled by Dr.P.S.S. Akilashri,Vice Principal(UAP) and Prof. R. Sasikala, Head, Department of Computer Science and they explained the Evolution of Excel, details about Workbook ,Worksheet Customization and formatting of data in MS EXCEL 2016. Prof. S. Ramani, Head, Department of Information Technology and Prof. P. Sundari, Department of Computer Science handled the second and third Sessions and explained the various basic formulas , cell ranges used in formulas and gave a clear idea on other functions used in Excel2016. Prof. A. Umamageswari, Head, Department of Computer Applications welcomed the gathering of the Valedictory function. Certificate Distribution was done by Dr. P. Raghavan Vice Principal and Dr. V. Nandagopalan, Controller of Examinations. Vote of thanks was proposed by Prof. S. Kiruthiga.

National Workshop on Empowering Youth for Sustainable Development

The NSS unit of our Collge in association with the Madras School of Social Work, Chennai organised a one day National Workshop on Empowering Youth for Sustainable Development on 19-2-2018. The Chief Guest **Mr. K. Balamurugan, IFS, Conservator of Forest, West Bengal** delivered the Inaugural address. He spoke that the youth are a universal agenda for "transformation of the world." They are the important source of creativity and drivers of social change.



The Workshop aimed at empowering youth so as to help them in determining the prospects for sustainable development in the future. Also, the programme called for the maximum participation of the youth as they represent the highest majority of the population in most developing countries and are today, visibly contributing as innovators, entrepreneurs and peace builders. To utilize their potential as agents of change requires involving and empowering them in sustainable development and supporting their participation at all levels. About 470 student participants from in and around Trichy Colleges and students of MSSW were present in the auditorium. The Inaugural session of the workshop started with the Invocation and Tamil Thai Valthzhu. Dr. R. Sundararaman, Principal, Dr. Sarah Karunakaran, HOD, Department of Development Management, MSSW and Mr. Balamurugan, IFS, Conservator of Forest, West Bengal were present. Mr. Balamurugan delivered the Inaugural address followed by the Principal's felicitation. The Republic Day parade NSS cadets were honored by the Chief Guests for their participation and being a representation of the state. Dr. D. Prasanna Balaji, NSS Programme Officer and HOD of Physical Education Department proposed a Vote of thanks.

One day Workshop on Effective Public Speech

A workshop on "Effective public speech" was organised by Junior Jaycee wing on 27-02-2018. The programme was inaugurated by Dr.R.Sundararaman. It was felicitated by **Jc.HGF.T.Balamurali Krishnan, JCI Trichy Rocktown President**. There were four technical sessions,



starting with **HGF.J. Jeyachandren, Director, training wing, JCI India, Zone XIII** who gave a brief outline about Jaycee International and Training programme of Effective Public Speech. The second session was handled by **JFM. Vijaimithra, JCI National Trainer**. He gave a brief outline on the types of speech, elaborated the pros and cons of speech and importance of speech. He also indicated that the key points of public speech are 1.Dress code 2. Eye contact 3. Body language 4. Vocal Variety. 5. Opening and closing speech. The third and fourth sessions were feed back sessions given by the participants. Each participant gave a pep talk of 4 minutes. The Valedictory address was delivered by the Principal Dr. R. Sundararaman, who also gave away the participation certificates.

Earlier Junior Jaycee President Jc.M.Uma devi of III B.Sc Maths welcomed the gathering. Jc.D.Raju Prakash, I BA English proposed a Vote of thanks.

தேசியக் கருத்தரங்கம்

தமிழ் இலக்கியங்களில் பல்துறைச் சிந்தனைகள்' என்னும் தலைப்பிலான தேசியக்கருத்தரங்கம் 15-12-2017 அன்று நடைபெற்றது. எழுபத்து நான்கு (74) கட்டுரைகள் அடங்கிய ஆய்வுக்கோவையினை முனைவர் இரா. சுந்தரராமன், முதல்வர், அவர்கள் வெளியிட, **தமிழ் வளர்ச்சித் துணை இயக்குநர் முனைவர் துரை. தம்புசாமி** பெற்றுக்கொண்டார். முன்னதாக, தமிழாய்வுத்துறைத் தலைவரும் கலைப்புல முதன்மையருமான முனைவர் ச. ஈஸ்வரன் வரவேற்புரையாற்ற, முனைவர் ந. மாணிக்கம் நன்றி கூறினார்.



நிறைவு விழாவில் துணை முதல்வர்கள் முனைவர் ப. இராகவன், முனைவர் கி.சீனிவாசன் ஆகியோர் வாழ்த்துரை வழங்கினர். தேர்வாணையர் முனைவர் வீ.நந்தகோபாலன் சான்றிதழ் வழங்கி நிறைவுரை ஆற்றினார்.

MOU with Central Depository Services (India) Limited for National Academic Depository Services

The College signed an agreement with Central Depository Services (India) Limited for National Academic Depository Services on 03.01.2018. With this the Certificates, Diplomas, Degrees, Mark sheets etc. of the students will be stored with CDSL. Dr. R. Sundararaman, Principal and **Mr. A.R. Vaasudevan, Regional Head Tamil Nadu, Central Depository Services (India) Limited** signed the agreement on behalf of the respective organization.



This agreement facilitates the institutions and organizations where the students of National College entering into employment or pursuing higher studies to access, verify and validate the academic records of the students. It will also eliminate fraudulent practices such as forging of certificates and mark-sheets. Similar to dematerialization of financial securities academic awards are to be stored for future as these are even more important guarantors than financial securities.

Government of India has designated University Grants Commission (UGC) as an authorized body for the operationalisation of NAD. National Academic Depository comprises of two interoperable digital depositories viz. CDSL Ventures Limited (CVL) and NSDL Database Management Limited (NDML). These digital depositories have ensured hardware, network facilities and software of prescribed quality for smooth and secured operationalisation of NAD. Benefits like permanent and safe record of keeping all academic awards issued, no need for issuing duplicate academic awards, effective deterrence to fake and forged paper certificates, academic awards verification for efficient, effective and transparent administration.

Students can register in the depository by providing details of Aadhar Card. Further they can view and access all awards online, download digitally signed awards, request printed copy of certificates and send copy of certificates for any verification. Earlier, Principal Dr. R. Sundararaman welcomed the gathering and Dr.V.Nandagopalan, Controller of Examinations of the College proposed a Vote of thanks.

Royal Society of Chemistry (RSC) Students' Chapter

Dr. R. Brakaspathy, Scientific Advisor, SERB, New Delhi inaugurated the Royal Society of Chemistry (RSC) Students' Chapter on Monday 18.12.2017. RSC, headquartered in the UK, is the largest body for advancing chemical sciences. The chapter in NCT would function as a



hub to develop interconnection in chemical studies, where students would get wider exposure to the curriculum in a more practical manner. Dr. S. Balasubramanian, CChem, FRSC, Secretary, RSC South India, explained the advantages and opportunities to students on the RSC chapter. Dr.K. Anbarasu, Director of Studies, Dr.R.Sundararaman, Principal,

Dr.K.Vivekanandan, Head of the Department and Dr. M. Murali, Co-ordinator, RSC Students' Chapter were present at the event.

Association Meetings

Biotechnology Association

The Association meeting of PG and Research, Department of Biotechnology was organized on 28.02.2018, with a special lecture titled "**Scope of Embryology**" by **Dr. Virendra Shah, Chairman, Indian Society for Assisted Reproduction (ISAR), Mumbai**. He spoke on infertility, its causes, treatments, its associated technologies and current state of Assisted Human Reproduction. He spoke about



approaches to the treatment of infertility which are designed to overcome the condition that is causing the couple to be infertile, thus enabling fertilization to take place in the normal way; then introduction of sperm into the female reproductive tract by assisted means (assisted insemination) and in vitro fertilization of an ovum in the laboratory for subsequent transfer to the uterus - in vitro fertilization (IVF). Further, techniques such as in vitro fertilization (IVF), the freezing (cryopreservation) and storage of sperm, ova, and embryos were also discussed. He explained the duties of embryologist, from the moment the eggs and sperm are collected from the patients, handling them safely, preparing the eggs and sperm for IVF. Their role in managing the embryo lab, handling the patients' eggs, sperms and embryo during the *In vitro* Fertilization (IVF) process. Participants of about 80 members from Biotechnology stream attended the session and interacted enthusiastically with Chief Guest. Earlier, Dr. M. N. Abubacker, Associate Professor and Head, Department of Biotechnology welcomed the gathering.

BBA Association

Department of Business Administration conducted their association meeting on 05.02.2018. The Head of the Department Dr. P. Subramanian delivered the welcome address. Chief Guest **Dr.V. Mahalakshmi, Assistant Professor, Department of Management Studies, Saranathan College of Engineering, Trichy**, delivered her speech on the topic "Know Yourself A Winning Strategy" and shared her ideas about the course, with a clear-cut explanation to studies. Dr. R. Sundararaman, Principal,



delivered the Presidential address. Dr. P.S.S. Akilashri, Vice-Principal, delivered the felicitation and B. Chandramohan, I BBA, proposed a Vote of thanks.

Chemistry Association

The Department of Chemistry (UAP) organized a special lecture on 20.12.2017. Dr. I. Arockiaraj, Head, Department of Chemistry (UAP) delivered the welcome address. The principal Dr. R. Sundararaman gave the presidential address. Dr. K. Vivekanandan, Dean of Science



and head, Department of Chemistry (Aided) honoured the Chief Guest with a shawl. The Chief Guest **Dr. Marappan Velusamy, Associate Professor, Department of Chemistry, North Eastern Hill University, Shillong, Magalaya** elaborated the construction and working of organic solar cells with small molecules. He magnificently outlined the significance and various applications of organic solar cells in this modern world. The student secretary Mr. S. Pazhaniappa, II - M.Sc. Chemistry proposed a Vote of thanks.

Commerce Association

The Commerce Association meeting was organized on 5.12.2017. The Chief Guest **Mr. R. Visweswaran, Trade Processing, Wealth Management and Education, National Stock Exchange Academy, Chennai** enlightened the students on the significance of financial planning. He stated the objectives of SEBI and its functions. He explained the various Credit Rating Agencies like ICRA, CRICIL and the importance for the companies to get rated by these agencies. He nurtured the students with various financial market terms to give them the idea about capital

market. Further, he explained the role of NSE in financial literacy. He encouraged the students to pursue capital market professional course which is highly beneficial for them. He also explained the course structure and fees details, so that, students can make use of it. He detailed the various benefits available for the students to excel in this competitive world.



The Presidential address was delivered by the Principal Dr. R. Sundararaman and the gathering was welcomed by Ms.D. Manimegalai of III B.Com. Ms. A. Subashini of III B.Com., proposed a Vote of thanks.

The Commerce Association had its meeting on 30.01.2018. The Chief Guest **Dr. E. Mubarak Ali, Head and Associate Professor, PG & Research Department of Commerce, Jamal Mohamed College, Trichy** enlightened the students on the life skills. He attracted the students by comparing life with cricket and induced the students to have keen interest on the speech. He highlighted 10 words which are important in ones life such as I-Avoid it, WE- use it, EGO-kill it, LOVE- use it, SMILE- wear it, RUMOUR- Avoid it, SUCCESS- Achieve it, JEALOUSY- Distance it, KNOWLEDGE- Acquire it, CONFIDENCE- Gain it.



He also nurtured the students with 10 skills given by World Health Organization such as Self Awareness, Empathy, Critical Thinking, Creative Thinking, Decision Making, Problem Solving, Communication Skills, Interpersonal Relationship, Coping with Stress and Coping with Emotions. The Presidential address was given by the Principal Dr. R. Sundararaman and Ms. S. Tharani of I B.Com welcomed the gathering and Ms. P. Geetha of I B.Com., delivered a Vote of thanks.

The Commerce Association had organized a meeting on 5.02.2018. The Chief Guest **Dr. R. Suriya Kumar, Associate Professor, PG & Research Department of Economics, Urumu Dhanalakshmi College, Kattur, Trichy** made a discussion on Budget 2018. He started with a quote "Socialism with limited entry to marketism without exit". He also gave GST model of "Technology of Co-operation Federalism" and said that the important matters to be considered are Twin Balance Sheet issues and Air India privatization in 2018. He mentioned that, Budget 2018 gives more benefits to Senior Citizens by reducing the tax on interest on fixed deposits in banks. Further various schemes were discussed such as Sec 80DD of income tax, Schools for Tribals by 2022.

Finally he brain stormed the session by giving paradoxes and riddles by posing questions such as why Paddy & Millets are not covered, wont reducing capital expenditure lead to recession and also he criticized the disinvestment



receipts of Rs. 1 lack. The meeting was presided over by the Principal Dr. R. Sundararaman. Ms. Y. Aishwarya of III B.Com., welcomed the gathering. Mr. N. Shiva Kumar of II M.Com., delivered a Vote of thanks.

The Commerce Association had their meeting on 13.02.2018. The Chief **Guest Prof. S. Pushpavanam, Secretary, Consumer Protection Council, Tamil Nadu**, spoke on "The facts you need to know in Consumer Protection Act". He started his speech by stating the rights of consumer such as Right to Choose, Right to Safety, Right to Information, Right to be heard, Right to Information and Right to Consumer Education. He also advised the students not to believe in the myth that high priced products have best quality, and asked the students to check for GST number and to check the same on GST website.

He informed the students that they are also considered as consumers and they can file complaints against educational institution if they find any discrepancies. Earlier, the gathering was welcomed by Mr. S. Manikandan of I B.Com. The Presidential Address was delivered by the Principal Dr. R. Sundararaman. Mr. R. Vetrivel of I B.Com., proposed a Vote of thanks.

The Commerce Association had organized a meeting on 19.02.2018. The Chief Guest **Dr. Shanmugasundaram, Reserve Bank of India, Chennai** delivered a speech on "The Role of RBI in regulating Non Banking Financial Companies". In simplest manner he said that Bank is "your money and my brain". He also stated that NBFC's were "Fly by Night companies" which was regulated in 1997 by RBI. He



also said that RBI uses CAMEL (Capital Adequacy, Asset Quality, Management, Earnings, Liquidity) for investigating NBFCs. Through his speech he made the students to understand the difference between Banking and Non Banking financial companies. He cautioned the students that many of the NBFCs were charging more than 12.5% of the loan which is the maximum margin fixed by RBI. He stated the clear difference between loans and advances by saying loan is for long term and advances are for short term. Earlier, the gathering was welcomed by Dr. M. Sharmila, Assistant Professor of Commerce department. The Presidential address was delivered by the Principal Dr. R. Sundararaman. Dr. B. Sekar Assistant Professor of commerce department proposed a Vote of thanks.

B.Com CA Association

The Association meeting of B.Com with Computer Applications was organized on 20.03.2018. The Head of the department Dr. P. Ravichandran welcomed the gathering. The Chief Guest **Mrs. N. Chellam, Associate Professor in Nutrition and Dietetics, Seethalakshmi Ramaswamy College, Trichy** spoke on the topic "Lead towards Destination" where she talked about the fixing of goal



towards destination. She quoted various examples to make the students to understand on how to build up their careers, how to be successful, how to behave in the society, how to earn for self protection and how to achieve self actualization. She also explained the behavioural science in the interview hall and explained the brain activation of men and women. Earlier, the Principal Dr. R. Sundararaman, delivered the Presidential address. Dr.P.S.S. Akila Shree, Vice Principal and Dr. S. Sivakumar, Associate Professor, Department of Commerce (UAP), Dr. P. Raghavan, Vice Principal felicitated the occasion. Dr.P. Samimuthusait, the Vice-President of the Association proposed a Vote of thanks.

Economics Association

The Economics Association meeting was inaugurated on 06.02.2018. **Dr. S. Iyyampillai, Former Professor of Economics, Bharathidasan University, Tiruchy** was the Chief Guest. He delivered a lecture on the topic on "Union Budget An Analysis". He made an analysis of



the Union Budget 2018. Through his analysis, he concluded that this Budget is favorable to senior citizens, MSMEs, farmers and women. It is adverse to job seekers, youth, and salaried people. Compared to previous year's budget, this budget is somewhat better, he concluded. This session was very interactive and student's participation was appreciable. Earlier the Principal of the College, Dr. R. Sundararaman, presided over the meeting. This meeting was organized by Prof. K. Elango, Head, Associate Professor and the association Vice President. Dr. T. Sridhar, welcomed the gathering. The session came to an end with a Vote of thanks proposed by Mr. D. Vignesh of III B. A. Economics.

NAC ECO MEET 2018

NAC ECO MEET 2018 an intercollegiate competition for students of Economics was held 06.03.2018 in the PG and Research Department of Economics. It was organised by Prof. K. Elango, Head, Department of Economics. Dr. S. Thirumaran, Associate Professor in Economics, welcomed the gathering. Principal, Dr. R. Sundararaman presided over the function. NAC ECO MEET 2018 was inaugurated by **Dr. A. Lakshmi Prabha, Professor of Botany, NSS Programme Co-ordinator, Bharathidasan University, Tiruchy**. Seven competitions namely, Cartooning, Quiz, Essay Writing,

Mime and Rangoli were conducted. Dr. T. Sridhar, Dr. S. Thirumaran, Dr. N. Renganayaki, Dr. K. Rajesh, Dr. K. Iyna, Dr. A. Ayyamperumal, Dr. P. Jayakumar and Mr. G.Ragunath of Economics Department were the coordinators of these



competitions respectively, students (both Boys and Girls) from 8 colleges participated in these competitions with great interest and enthusiasm. The inaugural session came to a close with the vote of thanks proposed by Dr. P. Jayakumar. Seethalakshmi Ramasawami College emerged as Overall winner and Bishop Heber College was the runner. NAC ECO MEET came to a close with valediction with the keynote address of **Dr. N. Murugeswari, Professor and Head, Centre for Women's Studies and Director, Publication Division, Bharathidasan University Tiruchy**, who distributed prizes to the participants. Dr. K. Iyna proposed a Vote of thanks.

English Literary Association

The Department of English had its Association meeting on 05.01.2018. **Dr. Bharathi Harishankar, Professor of English, Head, Department of Womens' Studies, University of Madras** was the Chief Guest and



spoke on "Art of Reading Literary Text". In her address, she stressed the importance of reading beyond syllabus. **She donated Rs.2 Lakhs for buying books to the library.** Principal Dr. R. Sundararaman, presided over the meeting. Dr. R. Elavarasu, Head, Department of English, welcomed the gathering. Miss. B.Aishwarya, I M.A., English, proposed a Vote of thanks.

On behalf of the English Literary Association, a special talk SAMEEP Students Ministry of External Affairs Engagement Programme, was held on 23.01.2018. **Mr. Jey Sundar I.F.S, Second Secretary and Director of Cultural Centre, Embassy of India, Moscow** was the Chief Guest.



He addressed the students' to make them aware of the working of the Ministry of External Affairs of our country. He also briefed them on how they can get a placement in IFS Indian Foreign Service by cracking the UPSC Examinations. The students found the talk to be of a great benefit to them. The meeting was presided over by the Principal, Dr. R. Sundararaman and Dr. R. Elavarasu, Head, Department of English, felicitated the occasion.

The Valedictory function of the English Literary Association was held on 16.03.2018. **Dr. K. John Sundar, Former Director, Simultaneous Interpretation Services, Lok Sabha, Parliament of India, New Delhi** was the Chief Guest. In his valedictory address, he stressed



the importance of transcreation of regional literature in English language. The session was a very lively one where he quoted examples from contemporary society and events to bring out the importance of transcreation through translation. Principal Dr. R. Sundararaman presided over the function and Dr. R. Elavarasu, Head of the department felicitated the occasion. Ms. R.Siva Bharthi, II BA English welcomed the gathering and Ms. A. Tharani II BA English proposed a Vote of thanks.

The Department of English (UAP) organized its Association special meeting on 02.02.2018. The Chief Guest **Ms. R. Radhika, Facilitator and change maker, Chennai**, delivered a lecture on "Purpose of Life". She spoke about the importance of analyzing ones purpose of life. She insisted that one should move from one's comfort zone and begin to ponder on whether they are on the right track. She also asked the students to start preparing for a change. On summing up she said that everything is possible in this universe. She motivated the students to be the factor for change and bring the change. Earlier, Dr.R.Sundararaman, Principal, gave the presidential address. Dr. P.S.S. Akilashri, Vice Principal (UAP) presided over the function and Dr. R. Elavarasu, Head, Department of English, felicitated the gathering and Dr. R. Vanitha, Head, Department of English (UAP), honoured the Chief Guest. The students of I M.A English performed a mime



show on how "Hard work Pays" under the guidance of Prof. A. Charles. The Chief Guest distributed the prizes to the students for the intra- department Singing competition held on 19/01/18. B. Surya, student of II M.A English delivered a Vote of thanks.

The Department of English (UAP) organized a special meeting on 01.03.2018. The Chief Guest **Dr. R. Natarajan, Former political advisor, American Consulate General, Chennai**, delivered a lecture on "Words". He lectured on the importance of words and its usage in languages. He said that the words should be arranged in proper manner in order to convey the right meaning. Also, he cited some examples from his own life and of the famous poets. He explained the difference between old



English words and modern English words. Further, he said that those who know the tactics of using more words will be a good orator. The goal of education is that the learners should acquire the pleasure to read more words.

Earlier, Dr.R.Sundararaman, Principal delivered the Presidential address. Dr. R. Elavarasu, Head, Department of English, felicitated the occasion. Dr. R. Vanitha, Head, Department of English (UAP), welcomed the gathering. The student- president of the Literary Association, Department of English (UAP), P. Lukeshwaran of II M.A English proposed the Vote of thanks.

Geology Association

The Geology Association meeting was held on 14.12.2017. The Chief Guest **Dr. D. Muralidharan, Scientist-F(Rtd.), National Geophysical Research Institute(NGRI), Hyderabad** delivered a lecture on "Geology and Geophysics". He explained the basic principles involved in geophysics and its application to geology, mode of utility of geophysical equipments, methods of acquiring data and applications of geophysics in various geological domains. The lecture was an interactive session, in which students have participated with enthusiastic queries. Earlier, Dr. V. Subramanian, Head of the Department of Geology welcomed the gathering. Dr. V. Vasanthamohan, Vice President of Geology Association proposed a vote of thanks.

The second meeting of the Geology Association was held on 08.02.2018. The Chief Guest **Dr. M. S. Anantharaman a Renowned Paleontologist** spoke on "Geological Appraisal of Himalayas". In his speech he focused



on the geological aspects in the formation and development of Himalayas that is referred as Himalayan Orogeny by Geologists. While discussing the geomorphology and geology, he has also given information on rocks, structures, tectonics, fossil assemblages etc. of Himalayan region and connected their relationships with other formations of India. Dr. V. Subramanian, H.O.D, Dept. of Geology, welcomed the gathering. Dr. V. Vasanthamohan, Vice President of Geology Association proposed a vote of thanks.

வரலாற்றுத்துறை பேரவைக் கூட்டம்

நமது கல்லூரியின் வரலாற்றுத்துறைப் பேரவைக் கூட்டத் தொடக்க விழா 12.03.2018 அன்று நடைபெற்றது. திருச்சி ஈவெரா கல்லூரியின் வரலாற்றுத்துறை உதவிப் பேராசிரியர் முனைவர் G. கஸ்தூரி திலகம் சிறப்பு விருந்தினராகக் கலந்து கொண்டு "வரலாறு நமக்கு சொல்வது என்னவென்றால்?" எனும் தலைப்பில் உரையாற்றினார். அவர் தமது உரையில் வரலாற்றுப் பாடத்தின் அவசியத்தையும், கற்காலத்திற்கு முன்பு வாழ்ந்த மனிதனில் ஆரம்பித்து தற்கால மனிதனின் சாதனைகளை பட்டியலிட்டு வரலாற்றின் தேவையினை எளிமையாக விளக்கிக் கூறினார். ஒவ்வொரு மனிதனுக்கும் வாழ்க்கை உண்டு அந்த வாழ்க்கையைப் பற்றிச் சொல்வதுதான் வரலாறு. எனவே வரலாறு இல்லாமல் எவருமே இருக்க முடியாது என்றும் எல்லாத் துறைகளுக்கும் முன்னோடியாக நின்று இயங்குவதே வரலாறு என்றும் வலியுறுத்தினார். முன்னதாக வரலாற்றுத் துறையின் தலைவரும், பேரவைத் துணைத் தலைவருமான முனைவர் பெ. பரிமள சேகர் அனைவரையும் வரவேற்றார். கல்லூரி முதல்வர் முனைவர் R. சுந்தரராமன் விழாவிற்குத் தலைமை ஏற்று தலைமை உரை ஆற்றினார். கல்லூரியின் நூலகரும், துணை



முதல்வருமாகிய P. இராகவன் வாழ்த்துரை வழங்கினார். நிகழ்ச்சியின் நிறைவாக வரலாற்றுத்துறை மூன்றாம் ஆண்டு மாணவன் C. பெருமாள் நன்றி கூறினார்.

Mathematics Association

The Association meeting of Mathematics Department was held on 14.02.2018. The Chief Guest **Mr. A. Mohan, Assistant Professor, Department of Mathematics, Urumu Dhanalakshmi College, Kattur, Trichy** gave a lecture on "Mathematical Modeling", where he



emphasized more on the important tools to analyse real life Probability using Mathematical techniques, applications of Mathematical Models, the need and the purpose of studying Mathematical Modeling. Earlier, Dr. R. Sundararaman, Principal presided over the function. Prof. M. Senthilvel, Head of the Department, felicitated the occasion. Dr. S. Sriram, Vice president of Mathematics Association welcomed the gathering. The Principal, on his Presidential address briefly explained about the importance of studying Mathematics. Mr. B. Bharath, II M.Sc., Mathematics proposed a Vote of thanks.

The valedictory meeting of Mathematics Association of the academic year 2017-2018 was held on 9.03.2018. Dr. R. Sundararaman, Principal presided over the function. Prof. M. Senthilvel, Head of the Department of Mathematics, inaugurated the program. Dr. S. Sriram, Vice president, Department of Mathematics welcomed the gathering. **Dr. N. Sivaranjini, Assistant Professor, Department of Mathematics, Bishop Heber College, Trichy** was the Chief Guest. The Principal, in his presidential address briefly explained the importance of studying Mathematics. Dr. N.



Sivaranjini gave a lecture on "Techniques for solving CSIR NET Problems". She emphasized on how to approach the CSIR NET Exams, especially on the topic of Linear Algebra. Ms. M. Selvamani, II M.Sc., Mathematics proposed a Vote of thanks.

THILMATICS 2018

THILMATICS 2018 A state level intercollegiate competition was organized by the PG & Research Department of Mathematics on 12.03.2018. A total of 189 students (from 17 Colleges) from various parts of Tamilnadu participated in the events. There were 6 competitions including Math Buzz (UG & PG), Personage Prediction, Classic Archetype, Sketch from Scratch and Math Monarch. Dr. P. Shanmuganandham, Co-ordinator of THILMATICS 2018 and Associate Professor of Mathematics welcomed the gathering. Prof. M.Senthilvel, Head of the Department, Dr. P. Raghavan, Vice -Principal and Dr. K. Vivekanandan, Dean of Science offered felicitations. The Chief Guest of the valedictory function **Dr. E. C Henry Amirtharaj, Controller of Examinations, Bishop Heber College, Trichy** addressed the students about the major qualities of wisdom that every individual need to cultivate.



The prize winners were honoured by the Chief Guest. Dr. R. Sundararaman, Principal of the College presided over the function. Dr. Manju Somanath, Assistant Professor of Mathematics welcomed the audience. Dr. P. Shanmuganandham Co-ordinator of Thilmatics 2018 proposed the vote of thanks. Mr. Sathish of M.Sc Mathematics, Jamal Mohammed College, Trichy walked with the title of "Mr. Mathematics". Ayya Nadar Janaki Ammal College, Sivakasi bagged the Overall Championship.

NACOMAT 2K18

NACOMAT - 2K18 a state level intercollegiate competition was conducted on 15-02-2018 by the Department of Mathematics (UAP). The competition was inaugurated by **Dr. P. J. Jayalakshmi, Vice-Principal, Sri Meenakshi Vidiyal Arts and Science College, Trichy, Dr. A. Gnanam, Assistant Professor, Department of Mathematics, Government Arts College, Tiruverumbur, Trichy** and **Dr. A. Mohan, Assistant Professor, Department of Mathematics, Urumu Dhanalakshmi College, Trichy**. Prof J. Florance Mary welcomed the gathering. Dr. P.S.S. Akilashri, Vice-Principal of Unaided Programme felicitated the audience. J.Princey Dayana of III B.Sc., Mathematics proposed the Vote of thanks for the inaugural function. Totally 16 colleges in and around Trichy participated in the competition. The events were Paper Presentation for UG and PG, Math Model, Math Rangoli, Math Quiz, Math Zabava(Math Fun) and Math Sarjana (Math Master).

Dr. S. IsmailMohideen, Principal, Jamal Mohamed College, Trichy delivered the Valedictory address and distributed the prizes for the winners.



Prof. K. Srividhya, Head of the Department of Mathematics (UAP) welcomed the gathering. Dr. R. Sundararaman, Principal, delivered the presidential address. Dr.V. Nandhagopalan, Controller of Examinations, felicitated the gathering. The overall championship was won by Bharathidasan University, Trichy. Prof C. Sheela rendered the Vote of thanks.

The Valediction of Mathematics Association (Un-Aided Programme) was held on 21.03.2018. M. Nivethitha of II B.Sc welcomed the gathering. P.Leema Rose of II B.Sc introduced the Chief Guest. The Vice Principal of Un-Aided Programme Dr.P.S.S. Akilashri, honoured the Chief Guest and delivered the presidential address. **Dr. S. Anbalagan, Assistant Professor, Department of Mathematics, Rajah Serfoji Govt. College, Thanjavur** delivered a lecture on "Basic concepts of Real Analysis". He explained the



basic concepts of real analysis and its applications. He gave a clear idea of open sets, closed sets, neighborhood, continuity, uniform continuity, discontinuity by giving examples. A. Poornima of II B.Sc., proposed a Vote of thanks.

Physics Association

Physics Association meeting was held on 01.02.2018. **Dr. R. Asokamani, Secretary, The Academy of Sciences, Chennai** was the Chief Guest. He delivered a lecture on "Dynamics of electrons in solids". Dr. R. Sundararaman, Principal presided over the function. He



motivated the students to take part in the centenary celebrations of the College. Earlier, Dr. J. Geetha Priya,

Association Vice President welcomed the gathering. Dr. S. Pari, honored the Chief Guest. Dr.R. Sabesan, Former Head, Department of physics of our College who was the mentor of the Chief Guest Dr. R. Asokamani, felicitates the function and Dr. A.T.Ravichandran honored Dr. Sabesan.

In his inaugural address Dr.R.Asokamani introduced some Important and Emerging Fields in Physics to the Students. He asked the students to take up fields like solid state physics, Nano- science and Density functional theory as their subject of interest and improve their skills in Physics. Dr. R. Asokamani spoke of post doctoral studies in Physics and encouraged the staff to pursue them. Student Secretary S. Sivadharshini, proposed a Vote of thanks.

The Physics Association (UAP) meeting was held on 10.01.2018. **Dr. N. Athavan, Associate Professor and Head, Department of Physics, H.H. The Rajah's College Pudukkottai**, was the Chief Guest and delivered a speech on "Quantum Dot Television". Earlier G. Samuel I M.Sc Physics student, welcomed the gathering. Dr. S. Pari honoured the Chief Guest. Dr.P.S.S. Akilashri Vice Principal (UAP) enthused the students to follow up research in prestigious subject of Physics. In his address, the Chief Guest spoke on some of the basic phenomenal idea on quantum array of television. He also highlighted the importance of recent advances in LED



and OLED. Prof P. Jaikumar, Association Vice-President, organized the function. II B.Sc Physics student V. Sareeran proposed the Vote of thanks.

பாரதிதாசன் சிறப்புச்சொற்பொழிவு

மார்ச் 9, திருச்சிராப்பள்ளி பாரதிதாசன் பல்கலைக்கழகத்தில் அமைந்த பாரதிதாசன் உயராய்வு மையமும் நமது கல்லூரித் தமிழாய்வுத்துறையும் இணைந்து நடத்திய பாரதிதாசன் சிறப்புச் சொற்பொழிவு 09. 03. 2018 அன்று நடைபெற்றது. இந்நிகழ்ச்சிக்குக் கல்லூரியின் செயலர் மதிப்புமிக கா. ரகுநாதன் அவர்கள் தலைமை தாங்கினார்கள். இச்சொற்பொழிவினால் மாணவ சமுதாயத்திற்கு ஏற்படும் நன்மைகள் குறித்துக் கல்லூரி முதல்வர் முனைவர் இரா. சுந்தரராமன் தமது வாழ்த்துரையில் குறிப்பிட்டார். பாரதிதாசனை ஒரு கவிஞன் என்னும் நிலையிலிருந்து "பாவேந்தன்" என்னும் நிலைக்கு நாம் உயர்த்திக் கொண்டாடுவதற்கான பற்பல காரணங்களை இப்பொழிவின



சிறப்புரையாளர் திருச்சி பிஷப் ஹீப்ர் கல்லூரியின் தமிழாய்வுத்துறை இணைப்பேராசிரியர் முனைவர் பா.இராஜ்குமார் அவர்கள் அழகுற எடுத்துரைத்தார்கள். வடமொழியில் எழுதப்பட்ட பில்கணீயம்' என்னும் காதல் காவியம் பலமொழிகளில் மொழிபெயர்க்கப்பட்டுள்ளது. அதனைத் தமிழில் பெயர்த்த பாரதிதாசன் மட்டுமே அதில் காதலுடன் பல முற்போக்கான கருத்துக்களையும் சேர்த்துப் 'புரட்சிக்கவி' என்னும் பெயரில் ஆக்கித் தந்துள்ளார் என்றும், பாரதிதாசனிடம் பாரதியாரும் தந்தை பெரியாரும் செலுத்தியுள்ள தாக்கங்களையும் சிறப்புரையாளர்

சோழமண்டலப் பேச்சுப்போட்டி

கல்லூரித் தமிழாய்வுத்துறையும் சோழமண்டலத் தமிழ் இலக்கியக் கூட்டமைப்பும் இணைந்து நடத்திய சோழமண்டல அளவிலான கலை அறிவியல் கல்லூரி மாணவர்களுக்கான தமிழ்ப்பேச்சுப் போட்டிக்கான பரிசளிப்பு விழா 10.01.2018 அன்று நடைபெற்றது. திரு.க.சிவகுருநாதன், பொதுச்செயலாளர், சோழமண்டலத் தமிழ் இலக்கியக் கூட்டமைப்பு, அவர்கள் வரவேற்புரையில் கல்லூரி மாணவர்கள் பேச்சாளர்களாக பரிணமிக்க ஏற்ற களமாக, பட்டறையாக இவ்வமைப்பு அமையும் என்றார். முனைவர் இரா.சுந்தரராமன் முதல்வர், அவர்கள் தமது தலைமையுரையில், “மாணவர்களின் ஆளுமைத்திறனைப் பேச்சுக்கலை வெளிப்படுத்தும். இதுபோன்ற வாய்ப்புகளை மாணவர்கள் நன்கு பயன்படுத்திக்கொள்ள வேண்டும்” என்றார். திரு.ஜெ.கனகராஜன், தலைவர், சோழமண்டலத் தமிழ் இலக்கியக் கூட்டமைப்பு அவர்கள் தமது முன்னிலையுரையில், “மாணவர்களுக்குள் புதைந்துள்ள பேச்சுத்திறனை மெருகேற்றி, அத்திறன்கொண்டே அவர்களின் வாழ்க்கை மேம்பாட்டிற்கு வழிவகை செய்வதே இப்போட்டியின் நோக்கம் ஆகும்” என்றார். திரு.க.கார்த்திகேயன் அவர்கள், போட்டியில் பரிசு பெறுவதைப் போலவே போட்டியில் பங்கேற்பதுவும் முக்கியம். எனவே, மாணவர்கள் கலை இலக்கியப் போட்டிகளில் கலந்துகொள்ள வேண்டும் என்றார்.



குறிப்பிட்டார். முன்னதாகப் பாரதிதாசன் உயராய்வு மையத்தின் பொறுப்பு இயக்குநர் முனைவர் அ. கோவிந்தராஜன் அவர்கள் வரவேற்புரை நல்க, தமிழாய்வுத்துறைத் தலைவர் முனைவர் ச. ஈஸ்வரன் அவர்களின் நன்றியுரையுடன் நிகழ்ச்சி சிறப்பாக நடைபெற்றது.

மாண்புமிகு திருச்சி ந. சிவா, நாடாளுமன்ற மாநிலங்களவை உறுப்பினர், அவர்கள் சமூகம் தனக்குச் சொல்லிக்கொடுக்கும் பாடத்தைவிட, சமூகத்திடம் நாம் கற்றுக்கொள்ளும் பாடம் அதிகம். இளைஞர்களே, நீங்கள் யார் மாதிரியாகவும் உருவாக வேண்டாம். பிள்ளைப்பையில்

பயன்பாட்டுக்குப் பதிலாகச் சோளத்தட்டையில் பை தயாரித்துப் புவி வெப்பமயமாலைத் தடுக்கும் முயற்சியில் ஈடுபட்டுள்ளோம். அது உருவானால்தான் ஊர் பாராட்டும். சமூகச் சிக்கலுக்கான ஒவ்வொரு தீர்விலும் இளைஞர்களின் பங்களிப்பு அவசியம் என மாணவர்களுக்கு எழுச்சியுரை ஆற்றினார். புலவர் திருவாரூர் ரெ. சண்முக வடிவேலு அவர்கள், அனைவரும் மகிழ்ச்சியாக வாழ்வதும் வாழ வைப்பதுமே கலை இலக்கியத்தின் நோக்கம் என மகிழ்வரை வழங்கினார். முனைவர் ச.ஈஸ்வரன் தமிழாய்வுத்துறைத் தலைவர் மற்றும் கலைப்புல முதன்மையர், கலைத்திறமையை வளர்த்துக்கொண்டால், அது கல்வித்திறனுக்கும் ஊக்கமளிக்கும் என வாழ்த்துரை வழங்கினார். முனைவர் ச. வெங்கட்ராஜீலு ஆலோசகர், சோழமண்டலத் தமிழ் இலக்கியக் கூட்டமைப்பு அவர்கள் வாழ்த்துரை வழங்கினார்கள்.

சோழ மண்டல அளவிலான தமிழ்ப்பேச்சுப் போட்டியில் முதலிடம் பெற்ற செல்வி.ச. இனியவன், இளநிலைக் கணித அறிவியல், குந்தவை நாச்சியார் அரசினர் மகளிர் கல்லூரி தஞ்சாவூர் அவர்களுக்கு மகாவித்துவான் மீனாட்சி சுந்தரம் விருதும், ரூபாய் 10000 ரொக்கப்பரிசும் வழங்கப்பெற்றது. இரண்டாமிடம் வகித்த செல்வன் த.க.தமிழ்பாரதன், முதுகலைத்தமிழ் இலக்கியம் மத்தியப் பல்கலைக்கழகம், திருவாரூர் அவர்களுக்குத் தமிழ்த்தாத்தா ஐயர் விருதும் ரூபாய் 7500 ரொக்கப்பரிசும் வழங்கப்பெற்றது. மூன்றாமிடம் வகித்த செல்வன் ஆ.பிரிட்டோ, இளநிலை இயற்பியல், தூய வளனார் கல்லூரி, அவர்களுக்குத் தமிழ்க்கடல்மணி இராதாகிருஷ்ணன் விருதும் ரூபாய் 5000 ரொக்கப்பரிசும் வழங்கப்பெற்றது. நிறைவாக, விழாவிற் கு திரு.துரை வீரசக்தி இணைச்செயலாளர், சோழ மண்டலத் தமிழ் இலக்கியக் கூட்டமைப்பு, அவர்கள் நன்றியுரை வழங்கினார்கள். இந்நிகழ்ச்சியை முனைவர் சா.நீலகண்டன் உதவிப்பேராசிரியர், அவர்கள் தொகுத்து வழங்கினார்.

அயலக ஆன்றோர் உரையரங்கம்

29-11-2017 அன்று தமிழாய்வுத் துறையில் மலேசியத் தமிழ்ப் பள்ளிகளின் முதல்வர்கள் கூட்டமைப்பிற்குப் பாடம் கற்பித்தல் நிகழ்ச்சி நடைபெற்றது. கல்லூரி முதல்வர் முனைவர் இரா.சுந்தரராமன் அவர்கள் தலைமை தாங்கி வாழ்த்துரை வழங்கினார். மலேசியாப் பள்ளிகளின் முதல்வர்கள் சார்பில் கோபால், பாலசுப்பிரமணியம், பாண்டூரெங்கன் ஆகியோர் சிறப்புரை வழங்கினர். மலேசியாவில் ஆண்டுதோறும் நிகழும் முத்தமிழ் விழா குறித்து கோபால் அவர்கள் பெருமைப்பட்ட பேசினார். தமிழ்த்துறைப் பேராசிரியர்கள் இலக்கணம், காப்பியம், சங்க இலக்கியம்,



பக்தி, கவிதை, நாட்டுப்புற இலக்கியம் குறித்துப் பாடங்கள் நடத்தினர். அயலகத்துத் தமிழர்கள் மகிழ்வோடு உரை கேட்டு இன்புற்றனர். முன்னதாக, தமிழ்த்துறைத் தலைவர் முனைவர் ஈஸ்வரன் வரவேற்புரை ஆற்றினார். திரு.ராமதாஸ் அவர்கள் நன்றி கூறினார்.

உ.வே.சா. தமிழ்ப்பேரவை நிறைவுவிழா

தமிழ்த்துறையில் உ.வே.சா தமிழ்ப்பேரவை நிறைவுவிழா 23.03.2018 அன்று நடைபெற்றது. தமிழ்த்துறைத்தலைவரும், கலைப்புலமுதன்மையருமான முனைவர் ச.ஈஸ்வரன் அவர்கள் வரவேற்புரை வழங்கினார். தலைமையுரை நிகழ்த்திய கல்லூரி முதல்வர் முனைவர் இரா.சுந்தரராமன் அவர்கள் மாணவர்கள் இது போன்ற விழாவில் கலந்து கொண்டு தமிழின் சீர்மையை அறிதலோடு, தங்களது அறிவுத்திறனை வளர்த்து வளம் பெறவேண்டும் என்றார். சிறப்பு விருந்தினர் **நாவுக்கரசர் பேராசிரியர் முனைவர் சோ.சத்தியசீலன், (மேனாள் முதல்வர், உருமு தனலட்சுமி கல்லூரி, திருச்சி)**. அவர்கள் “எல்லாம் முடியும் தமிழால்” என்னும் பொருண்மையில் உரையாற்றுகையில், தமிழ்மொழி மிகச்சிறந்த மொழி என்றார். பல் இல்லாது தளர்ந்த நிலையில் உட்கார்ந்து இருந்தாலும் என் பேச்சு உட்காராது என்றார். முன்பு தமிழினால் எதுவும் முடியாது என்று சொன்ன காலம் உண்டு. ஆனால் இன்றோ அத்தகைய சூழல் இல்லை என்பதை பல படி நிலைகளில் உணர்ச்சிபொங்க தன் கல்லூரி வாழ்க்கையோடு நினைவு கூர்ந்தார். தமிழைப் படித்து விட்டால் எல்லாம் முடியும் என்று எவன் ஒருவன் நினைக்கின்றானோ அவனால் “எல்லாமே முடியும்” என்பதற்கு, தான் பெரிய அறிஞனோ, விஞ்ஞானியோ, நாட்டின் முதல்வரோ, அல்ல, ஆனால் பல நாடுகள் என்னை அழைத்து பல கௌரவப்பட்டங்கள், பதக்கங்கள், பரிசுகள் அளித்து பெருமைப்படுத்தியதற்கு காரணம், நான் பயின்ற தமிழ்



மொழியே! என்று பறைசாற்றினார். எண்ணத்தை வெளியிடும் வாகனம் மொழி ஆனால் சற்று பலவீனமானது என்ற ஜவஹர்லால் நேரு அவர்களே, தமிழ்மொழிக்கு அத்தகைய பலவீனம் கிடையாது என்று கூறும்போது பண்பு, அன்பு, கருணை முதலான அனைத்துக் குணங்களும் ஒருங்கே பெற்றிருப்பதாலே தமிழ்மொழி பலவீனம் அற்ற மொழி என கூறிய நிலையில் அரங்கமே பெறுத்த கர ஒலிகளினால் அதிர்ந்தது. இந்தியமொழிகளில் தமிழ்மொழியே சிறந்த இடத்தைப் பெறும் என்பதை உணர்ந்து செயல்பட்டால் தமிழால் எல்லாம் முடியும் என்றார். நிறைவாக பேராசிரியர், முனைவர் ந. மாணிக்கம் அவர்கள் நன்றி நவில் விழா இனிதே நிறைவடைந்தது.



நமது கல்லூரியின் தமிழாய்வுத்துறை (UAP) சார்பில் 12.2.2018 அன்று நடந்த தமிழ்ப்பேரவை விழாவில் **மாண்புமிகு நாடாளுமன்ற மாநிலங்களவை உறுப்பினர் இல.கணேசன்** அவர்கள் சிறப்புரை வழங்கினார்.

சேஷ அய்யங்கார், வெங்கட்ரமணன், சுந்தரேச சாஸ்திரிகள் ஆகியோரின் முயற்சியால் தொடங்கப்பட்ட தேசியக்கல்லூரி பல சிறந்த சாதனையாளர்களை உருவாக்கியுள்ளது. சர்தார் வல்லபாய் படேல் சமஸ்தானங்களை ஒன்றிணைத்து இந்தியாவைப் பிளவுபடாமல் தடுத்தார். காந்தி, திலகர் இருவரும் சுதந்திர இந்தியாவின் செயல்பாடுகள் குறித்துத் திட்டமிட்டனர். ஆனால் சுதந்திர இந்தியாவின் முதல் பிரதமர் நேரு, ஜனநாயகம், சோசலிஷம் இரண்டையும் ஒன்றிணைத்து இந்திய கொள்கைகளை வடிவமைத்தார். இதன் காரணமாக இந்தியா நேருவின் பாதையில் சென்றதே தவிர, நேர் பாதையில் செல்லவில்லை. தொழில்நுட்பம் வளர்ச்சி அடையாத காலத்தில் நமது முன்னோர்கள் கோள்கள் மற்றும் அதன் செயல்பாடுகள் குறித்து ஆராய்ச்சி செய்தனர். அதன் அடிப்படையில் தான் இன்றைய விண்வெளி ஆய்வுகள் மேற்கொள்ளப்பட்டு வருகிறது. ஜனவரி 1ஆம் தேதியே புத்தாண்டாக கொண்டாடுவதை மாணவர்கள் நிறுத்திக்கொள்ள வேண்டும். உலகிலேயே இந்தியா தான் இருப்பதை கொண்டு நிம்மதியாக வாழும் மக்களைக் கொண்டது. நமது முன்னோர்கள் மற்றும் தேசம் குறித்து மாணவர்கள் பெருமை கொள்ள வேண்டும் என்றார். முன்னதாக, துறைத் தலைவர் முனைவர் மாணிக்கவாசகம் வறவேற்றார், கல்லூரி முதல்வர் முனைவர் இரா.சுந்தரராமன் அவர்கள் தலைமை தாங்கி வாழ்த்துரை வழங்கினார், பேரவை துணைத் தலைவர் முனைவர் கருத்தான் நன்றி வழங்கினார்.

NCC

Blood Donation Camp

The 3(TN) Air Sqn (Tech) NCC Flight of our College organized a Blood Donation Camp on 08.03.2018. The Principal of the college Dr.R.Sundararaman inaugurated and presided over the camp. He highlighted the importance of



blood and emphasized the need for blood donation which saves valuable human lives.

On his speech, he urged the Cadets to be proactive and dedicated in rendering social services. As NCC Cadets they should come forward and do their best for the welfare of the society. Earlier, Care Taker Dr. R. Suresh Kumar welcomed the gathering. 88 donors, both Cadets and students, donated their blood. Flight Cadet S. Steffi Sugi proposed the Vote of thanks.

Release of Blood Donors Directory Supplement 2018

NCC (Air Wing) of our college released the Blood Donors Directory Supplement 2018 on 30.01.2018. The directory contains details of 900 donors. Principal Dr.R.Sundararaman presided over the function. **Col. R. Shivanathan, Group Commander, Trichy Group**, released the first copy of the directory and Wing Com. Gunasekaran, Commanding Officer, 3TN Air Sqn (Tech) NCC,



received the same. The Chief Guest on his address, referred to the importance of human blood and its donation. He appreciated the act of blood donation and advised the students to render the noble service to the best of their capacity. He encouraged them to do more such socially beneficial works. Earlier, Care Taker Dr. R. Suresh Kumar 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. Flight Cadet S. Steffi Sugi proposed a Vote of thanks.

NSS

The NSS units of our college along with the NSS of the Bharathidasan University conducted a seven day special camp from 29.01.2018 to 04.02.2018 in the adopted villages. The camp was inaugurated by our principal Dr. R. Sundararaman. In his inaugural address, he spoke on the importance of team work and unity and the responsibility of the students towards the society. The Seven day special camp was tight packed with activities like campus cleaning, Swachh Survekshan, Cleaning of temple premises,



destruction of seemai karuvelam trees, JCI training on personality development, skill development programmes etc., Every day began with the yoga in the morning followed by field activities. Special lectures were arranged in the evening, where Dr. S. Neelagandan, Dr. Murugesan, Dr. Muthaiyan Dr. Ezhil Paramaguru and others addressed the students on various topics that enhances their personality.

The valedictory function was held on 04.02.2018. On the day of which there was a rally for the awareness of cleanliness. The rally was flagged off by Thriu Pitchai, Retired Judge of Pudukottai. Certificates were issued to the participants. The students found the camp to be of much use to them and the public too felt it to be an useful attempt.

Entrepreneurial Development Cell

The Entrepreneurial Development Innovation Institute of India-Ahmedabad and Entrepreneurial-Development cell of our college jointly organized the PM Yuva Yojana certificate course awareness programme on 04.01.2018. In the programme, Prof. M. Rajavelayutham, Department of Commerce (CA) welcomed the gathering. Dr.R. Sundararaman, Principal, presided over the programme. Chief Guest **Sri. M. Balasubramanian, Nodal Manager, PM Yuva Yojana** delivered a special address. In his special address, he clearly explained the skills needed to become an entrepreneur. He further stated that the course is



online and it is of four modules. Students can participate either in the first year or second year. In the end, Prof. R. Natarajan, Department of BBA proposed a Vote of thanks.

Gender Club

The Gender Club celebrated Women's day on 8.03.2018. Dr.R. Sundararaman, Principal, welcomed the gathering. Dr.P.S.S. Akilashri Vice-Principal(UAP) and Co-ordinator of Gender Champion Club felicitated the gathering. **Dr.Uma Velmurugan M.D., Gynacolegoist Consultant in Apollo Hospital, Trichy** was the Chief Guest for the inauguration of Gender Club. She spoke on the topic "Health and Awareness for Women". In her speech, she insisted that "as women, we take care of everyone our spouses, children,

parents, other family members and even friends. However, we tend to neglect ourselves, especially when it concerns with our health". She discussed on factors like infertility, Pregnancy, motherhood, menopause, starting from puberty to the motherhood.

It's not uncommon for women to experience depression and anxiety during pregnancy and after the birth of a baby. She also said to the students that," Hormone changes in the years can cause mood swings and irritability and can contribute to depression and anxiety. Changes in hormonal levels can also result in a range of physical



challenges such as hot flushes, night sweats, interrupted sleep patterns and weight gain all of which can affect mental health". Finally she concluded that the students should take balanced diet, regular exercise, yoga, regular water intake and stress free environment for happy living. R.Sasireka of III B.Sc., Computer Science proposed a Vote of thanks.

Red Ribbon Club

The AIDS awareness programme was organized by the Red Ribbon Club of our College on 14.12.2017. The Chief Guest, **Shri. J. Robin, Founder, Iragugal Trust** delivered a speech on "Uravin Vidiyalgal". He explained the causes and problems of AIDS and the need for taking care of people affected by AIDS. Members of the Red Ribbon Club were motivated to help HIV affected people. Dr. R. Sundararaman,



Principal presided over the function. Dr. V. Renuga, RRC Coordinator welcomed the gathering and Mr. S. Balamurali of I B.Sc., Chemistry proposed a vote of thanks.

The second meeting of the Red Ribbon Club was held on 22.02.2018. **Dr.S.M. Manivannan, District Program Manager, District AIDS Prevention & Control Unit, Tiruchi** was the Chief Guest. He delivered a lecture on the topic "Basics of HIV and Overview of Natural AIDS Control



Programme". He explained the meaning of HIV and how it is transmitted and also stated that, in India, Tamilnadu is the least affected state by HIV. He motivated the students to understand the issues in a proper perspective and help the HIV affected patients. Earlier, the Principal Dr. R. Sundararaman presided over the function. Dr. V. Renuga, RRC Coordinator welcomed the gathering and Mr. S. Balamurali of I B.Sc., Chemistry proposed a vote of thanks.

Rotaract

The Rotaract Club of our College organised the World Cancer Awareness Programme on 29.01.2018. The Chief Guest **Dr. G. Sasipriya MD, Harshamitra Cancer Hospital, Trichy** spoke on Cancer Awareness. She spoke about the different types, causes and impact of cancer among



the people. Earlier, Rtr. A.M. Ibrahim, President, Rotaract Club of our College welcomed the gathering. Dr.R.Sundararaman, Principal of the College delivered the presidential address. Dr.P.S.S.Akilashri, Vice Principal (UAP), offered felicitations. Rtr.A. Samsekhar proposed a Vote of thanks.

The Rotaract Club of our College in association with the A.G. Eye Hospital, Tiruchy organised a one day Eye

Screening Camp on 12.03.2018. **Dr.G. Kumararaj and Dr.N. Venugopal, Senior Consultants** integrated the Eye Screening Camp to provide good vision for all. More than 500 students of our College were benefited. Rtr. A.M. Ibrahim,



President, Rotaract Club of our College welcomed the gathering. Dr.R.Sundararaman, Principal presided over the function and the Coordinator Dr.R. Thirugnanasoundari proposed a Vote of thanks.

Library Day

The annual library day was celebrated on 21.03.2018 and Librarian of the College Dr. P. Raghavan welcomed the gathering. He listed the facilities available in the library and noted that the management give away prizes to active library users, to encourage efficient use of library



resources. The Principal Dr. R. Sundararaman presided over the event. He observed that reading is a matchless pleasure and once the students experience the joy of it then they would get addicted to it. Dr. S. Eswaran, Associate Professor in Tamil, the Chief Guest noted that libraries were temples of knowledge. The seekers of knowledge are richly rewarded by the deities, namely the authors. The magnificent collection of millions of books bestows knowledge on a mindboggling Range of subjects. Students, who have the inspiration, can drink as much as they desire from the ocean of knowledge. He urged the students to broaden and deepen their knowledge as well as wisdom by tapping the wonderful warehouse of books, to enrich their lives. The Secretary Sri. K. Raghunathan offered facilitations and distributed prizes to active library users. Dr. S. Gandhi, Library Committee Member, proposed a Vote of thanks.

Boy's Hostel Day

The Boy's Hostel Day celebrations were held on 25.03.2018. Secretary Shri K. Raghunathan, Principal Dr.R.Sundararaman and Director of studies Dr. K. Anbarasu, presided over the function. Chief Guest **Dr. N. Seshadri, Former Principal of our College, Director, DDE, SASTRA University, Thanjavur**, gave special address to the students. In his speech, he motivated hostel inmates to develop communication skills, and spoke on how hostel life helps them to develop sociability with which they can get a job. Controller of Examinations, Dr. V. Nandagopalan; Vice Principal, P.Raghavan and P.S.S. Akilashri and more than fifty faculty members from various Departments also witnessed



the Hostel Day function. Inmates performed different programmes such as drama, dance, solo songs etc., Different competitions were conducted previously and winners and runners of various sports events and fun games were given prizes by the Chief Guest. Dr. S.P. Anand, Deputy Warden, A. Kumar, S. Sivaprakasam, Dr. S. Thangaraj, and G. Sathiskumar Asst. wardens, had organized the programme in an elegant manner. Nearly 500 inmates participated in this function.

பெண்கள் விடுதி தின விழா

கல்லூரியின் பெண்கள் விடுதி தின விழா 20.01.2018 அன்று V.கிருஷ்ணமூர்த்தி குளிர்மை அரங்கில் மாலை 6 மணியளவில் துவங்கியது. இவ்விழாவின் சிறப்பு விருந்தினராக **M.I.E.T கலை மற்றும் அறிவியல் கல்லூரியின் துணை முதல்வர் மற்றும் தமிழ்த் துறைத் தலைவர் முனைவர் R.P.இராஜேஸ்வரி** அவர்கள் கலந்து கொண்டார்.



இவ் விழாவில் கல்லூரியின் முதல்வர் முனைவர்.R.சுந்தரராமன் அவர்கள் தொடக்க உரை ஆற்றினார். அடுத்ததாக சிறப்பு விருந்தினர் மேடையில் வீற்றிருக்கும் சாதனையாளர்களை போல் எதிர்காலத்தில் பெண்கள் பல சாதனைகளை புரிய வேண்டும் என்று “உன்னால் முடியும் பெண்கள்” என்ற தலைப்பில் உரையைத் துவங்கினார். உன் பாதை மலர் நிறைந்த பாதையாக இருக்க வேண்டும். வலி நிறைந்ததாக இருக்க கூடாது என்று கூறி சாதிப்பதற்கு முக்கியமானது முயற்சி மற்றும் கடின உழைப்பு என்று காவலர் அச்சுதநாயர் அவர்களின் வெற்றியை பற்றி எடுத்து கூறினார். எந்தக் குழந்தையும் நல்ல குழந்தைதான் மண்ணில் பிறக்கையிலேயே அவர் நல்லவர் ஆவதும் தீயவர் ஆவதும் அன்னை வளர்ப்பினிலே என்று அன்னையின் முக்கியத்துவத்தை கூறினார். மேலும் பெண்களுக்கு கல்வி அவசியம். கல்வி தான் அனைத்தும் கற்று கொடுக்கும் என்று பெண்களுக்கு கல்வியின் முக்கியத்துவத்தை பற்றிக் கூறினார். பெண்கள் முன்னேற்றம் அடைந்தால் பெருமை கொள்வது பெற்றோர்கள் மற்றும் ஆசிரியர்கள் ஆவார்கள் என்று பெற்றோர் மற்றும் ஆசிரியர் பெருமையை கூறினார். இறுதியாக பெண்கள் எந்தச் சூழ்நிலையிலும் தன்னை உயர்வாகக் கருதி தன் ஆற்றலை வெளிப்படுத்த வேண்டும் என்று கூறி அருமையாக உரையை முடித்தார். இவ்விழாவின் ஏற்பாட்டை விடுதி காப்பாளர் முனைவர்.S.சுனிதா மற்றும் துணை விடுதிக்காப்பாளர் முனைவர்.G.பிரியா ஆகியோர் செய்தனர்.

The Womens hostel students gave a fitting send off to the outgoing students of the hostel on 9.03.2018. It was presided over by the Principal Dr. R. Sundhararaman. The Chief Guest was **Mr. K. Mahadevan who is an Advisor-Coordinator in a IIT-JEE entrance training institute in Trichy.** He is an alumnus of this college. In his address to the hostel students, Mr. K. Mahadevan talked about his



experiences in the Men's hostel while he was a student way back in 1978. He advised the students to update themselves of all the events. He advised them to learn the latest technologies and to develop their communicative skills. He advised them to learn new things by observation and to improve their self-confidence. They have to develop their personality and skills. Dr.S. Sunitha, Warden proposed a Vote of thanks.

முன்னாள் மாணவர்கள் சந்திப்பு விழா

நமது கல்லூரியில் முன்னாள் மாணவர்கள் சந்திப்பு

விழா 4.02.2018 அன்று நடந்தது. கல்லூரி நிர்வாகக்குழுச் செயலாளர் கா. ரகுநாதன் தலைமை வகித்தார். **தில்ஜித்ஷா முன்னிலை வகித்தார். கல்லூரியின் முன்னாள் மாணவர்களான பெரம்பலூர் எம்.பி. மருதராஜா, புதுச்சேரி ஸ்ரீபாலாஜி வித்யாபீடம் நிகர்நிலைப் பல்கலைக்கழக துணைவேந்தர் ராஜகோபாலன்** ஆகியோருக்கு சிறந்த முன்னாள் மாணவர்



விருது வழங்கப்பட்டது. உருமுதனலட்சுமி கல்லூரி முன்னாள் முதல்வர் சத்தியசீலன், முன்னாள் நீதிபதி பிச்சை உள்பட பலர் தங்களது கல்லூரி நாள் அனுபவங்களைப் பகிர்ந்து



கொண்டனர். நிகழ்ச்சி ஏற்பாடுகளை கல்லூரி முன்னாள் மாணவர்கள் சங்கத்தலைவரும் தினமலர் ஆசிரியருமான டாக்டர் ஆர்.ராமசுப்பு உள்ளிட்ட ஒருங்கிணைப்பாளர்கள் செய்திருந்தனர். உதவிப்பேராசிரியர் நீலகண்டன் தொகுத்து வழங்கினார். முன்னதாக கல்லூரி முதல்வர் சுந்தரராமன் வரவேற்றார். முன்னாள் மாணவர்கள் சங்கச் செயலாளர் சோமசுந்தரம் நன்றி கூறினார்.

News at a Glance

Career Guidance and Placement Cell

The Career Guidance and Placement Cell regularly organizes Campus Recruitment Programme, sends students to Off-Campus Recruitment Programs, conducts Awareness / Guidance Programs and Training Programs for the benefit of the students. In this academic year 12 companies (L&T, IVTL Infoview, Sanmar, Skylink Etc..) conducted campus recruitment for our final year UG and PG students. Among 90 students from different stream got selected and 56 received their offer letter. The minimum Salary was 8,500/- per month and the maximum Salary was 30,000.

Award of Certificates for UGC sponsored Certificate Course in Journalism and Editing

Post Graduate and Research Department of English offers University Grants Commission, New Delhi, sponsored Certificate Course in Journalism and Editing in association with DINAMALAR from 2010 onwards. This year 17 students (9 girls and 8 boys) from various departments of the college underwent the programme successfully and certificate distribution function was organised for them on 05.04.2018.

Senior Journalist Mr. V. Ganapathy, Special Correspondent, The Hindu (Retd) was the Chief Guest. Out of 17 Students 11 students got first class and 6 got second class. The Certificates were given away to the



students by the Chief Guest. Among all the 17 students, Ms. A. Poornima of B.Sc., Mathematics stood first. Chief Guest in his address, stressed the impact and credibility of the press media among the other social medias. He quoted Mahathma Gandhi, as he wished to be open the windows and doors of his house for various cultures to enter, he asked the students to keep open mind and register in different courses to become multifaceted personality. Further, he said, in his young age, there were not a course on journalism but now, there are many such courses for the benefit of young learners that will give them enough employment opportunities. He motivated the students by giving them an open invitation to join hands with him to work together in the field of journalism. **Mr. K. Chandrasekar, Chief reporter, Dinamalar** felicitated the event. In his felicitation, he invited the students to come to press office to learn the tricks of the trade and also assured that good reports written by the students will be rewarded suitably. He also conveyed the wishes of Dr. R. Ramasubbu, Editor, Dinamalar to budding journalists. Principal Dr. R. Sundararaman, presided over the function. In his Presidential address, he advised the students to register such courses additionally, to get employment opportunities. Dr. R. Elavarasu, Head, Department of English welcomed the gathering. Many participants gave their feedback and Asst. Prof. V. Sri Ramachandran, Department of English, Co-ordinator of the programme proposed a Vote of thanks.

Refresher Course

The Directorate of School Education organized a Refresher Course for the Directors of Physical Education in

Schools, in association with the Department of Physical Education and Sports Sciences of our College on 9.12.2017.

Shri.A. Mayilvahanan,I.P.S., Deputy Commissioner of Police, Trichy, was the Chief Guest. Dr. Dharmesh



Kubendiran handled a very informative session on sports injuries. **Shri. Ravi Murrugaiah, Chairman, Vasan Estates,** was the chief guest for the valedictory function. The Refresher Course was very informative to the participants.

Republic Day celebrations



Librarian and the Vice Principal of the college Dr. P. Raghavan hoisted the National Flag on 26.01.2018. A documentary was played to proclaim that the very first Indian National Flag was hoisted on top of St. George Fort, Chennai by a student of our college. It was a proud moment for all of us to know such a momentous fact.

AIDED STREAM

**B.A., English, Tamil,
Economics, History**

**B.Com.,
B.Sc., Botany, Chemistry,
Geology, Mathematics,
Physics, Zoology**

**M.A., English, Tamil,
Economics**

**M.Com.,
M.Sc., Botany, Chemistry,
Mathematics, Physics,
Applied Geology**

UNAIDED STREAM

B.A., English

B.Litt.,

B.Com.,

B.Com., (CA)

B.B.A.,

B.C.A.,

B.Sc., Biotechnology

Botany

B.Sc., Chemistry

Computer Science

Information Technology

Geology

Mathematics

Physical Education

Physics

Zoology

M.A., English; M.A., HRM

M.S.W.,

M.Com.,

M.Com., Financial Management

M.Sc., Biotechnology

Botany, Chemistry

M.Sc., Computer Science

Information Technology

Mathematics

Microbiology

Physics

Zoology



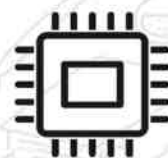
**B.Com. Corporate Secretaryship
B.Com. Foreign Trade
B.Com. Banking & Insurance
B.B.A Retail Management
Diploma in Logistics**



B.Sc., Microbiology

B.Sc. Statistics

**B.Sc. Electronics and Communication Networking
B.Sc. Mathematics with Computer Applications**



**Five Year Integrated Programme in Biotechnology
Five Year Integrated Programme in Applied Geology**



**M.Sc. Yoga
M.Sc. Geophysics**



NEWS SERVICE @ Truchy
former Vice Chancellor of Thanjavur Tamil University Thirumalai elaborated the merits of Kalki's writings. Kalki R Krishnamurthy was a revolutionary writer, who brought change in both novel and cinematic writing of his era. Ponnin Selvan and Sivagamiyin Sa...

in Bedi for inculcating probity in students

Nadu has been creating a culture of dependence

Ms. Bedi said that States such as Tamil Nadu had been creating a culture of dependence by distributing freebies to the people irrespective of rich or poor. Many households had te...



Puuducherry Lieutenant Governor Kiran Bedi delivering the Rajaji Memorial Endowment Lecture at National College in Tiruchi on Thursday. PHOTO: A. MURALITHARAN

குருக்க உயர்நீதிமன்ற நீதிபதி அறிவுரை

திருச்சி தேசிய கல்லூரியில் முதல் முறையாக நடைபெற்றது. இதில் கல்வியறிவு மற்றும் மதிப்பீடு குறித்து உயர்நீதிமன்ற நீதிபதி எஸ்.பாலசுப்ரமணியன் அவர்கள் உரையாற்றினார்.

வணிகவியல் பேரவை கூட்டம்

திருச்சி, மார்ச் 23- தேசிய கல்லூரியில் வணிகவியல் பேரவை கூட்டம் நடைபெற்றது. இதில் கல்வியறிவு மற்றும் மதிப்பீடு குறித்து உயர்நீதிமன்ற நீதிபதி எஸ்.பாலசுப்ரமணியன் அவர்கள் உரையாற்றினார்.

ஜனநாயகமும், மதசார்பின்மையும் தொன்று தொட்டு

இல. கணேசன் எம்.பி. பேச்சு



I.L. Ganeshan speaking at a podium during a meeting.

Creating a culture of dependence

I am for self-reliance, but meeting the challenge of the day too...

National Workshop

Empowering the Youth for Success, 2018 in association with of National College Tiruchirappalli. The workshop included building, empowering and spelling out initiatives for the youth.

வணிகவியல் பேரவை கூட்டம்

திருச்சி, மார்ச் 23- தேசிய கல்லூரியில் வணிகவியல் பேரவை கூட்டம் நடைபெற்றது. இதில் கல்வியறிவு மற்றும் மதிப்பீடு குறித்து உயர்நீதிமன்ற நீதிபதி எஸ்.பாலசுப்ரமணியன் அவர்கள் உரையாற்றினார்.

This issue is sponsored by the Alumni Association of National College, Tiruchirappalli.

Editorial Board: Dr.R. Sundararaman, Principal, Dr.V.Srividhya, Dr. K. Govindaraj, Dr. S. Senthil Kumar, Dr. R. Suresh Kumar
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www.nct.ac.in e-mail: principalsr@nct.ac.in RAGHUNATHAN KALAMEGAM

NATIONAL COLLEGE



STUDENT

HANDBOOK

2017 - 2018

THE CREST & THE MOTTO



Since 1919

The Crest, the Motto as well as the Verse from *Thirukkural*, which adorn and express our lives here, but indicate in a large measure what the College represents. The quotation from *Thirukkural* reads :

வெள்ளத் தனைய மலர்நீட்டம் மாந்தர்தம்
உள்ளத் தனைய(து) உயர்வு.

- திருக்குறள்

**From deep pools rise the long-stalked flowers,
So rise from depth of soul men's powers.**

And the Verse containing the Motto thus :

“Saa Vidyaa Yaa Vimukthayea”
(That alone is knowledge which liberates)

The Crest shows the Sun rising above the waters and helping the Lotus to blossom. The Sun and the Lotus are mystic symbols in our faith, associated with different methods of God-realisation.

All the three, the Crest, the Motto and the Verse from *Thirukkural* stress the basis of religion for true education. All the best tenets of our religion are implied in these : fearlessness, non-violence, pursuit of Truth, tolerance, and the genius of assimilation.

VISION

To offer quality Higher Education to the younger generation, 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 the highest order.
- ❖ To instill in the minds of the students, the sense of Nationalism and to train them in social awareness.

CAMPUS DEITIES



Lord Jaya Vinayagar



Lord Vidhya Vinayagar

கடவுள் வணக்கம்



यो देवः श्रुतिशेखरेषु विदितः यं भासकं जानते
येन भ्राम्यति लोकजालमखिलं यस्मै नमस्कुर्वते ।
यस्मान्नापरमस्ति किञ्चिदपि वै यस्याङ्गभूतं जगत्
यस्मिंस्तिष्ठति सर्वमेव भुवनं कुर्यात् स नो मङ्गलम् ॥
दोर्भिर्युक्ता चतुर्भिः स्कटिकमाणिमयीमक्षमालां दधानां
हस्तेनैकेन पद्मं सितमपि च शुकं पुस्तकं चापरेण ।
भासा कुन्देन्दुशङ्खस्फटिकमणिनिभा भासमानाऽसमाना
सा मे वाग्देवतेयं निवसतु वदने सर्वदा सुप्रसन्ना

அங்கிங் கெனாதபடி எங்கும் பிரகாசமாய்
ஆனந்த பூர்த்தியாகி
அருளொடு நிறைந்ததெது? தன்னருள் வெளிக்குளே
அகிலாண்ட கோடியெல்லாம்

தங்கும் படிக்கிச்சை வைத்துயிர்க் குயிராய்த்
தழைத்ததெது? மனவாக்கினில்
தட்டாமல் நின்றதெது? சமயகோடிக ளெலாம்
தந்தெய்வம் எந்தெய்வமென்

றெங்குந் தொடர்ந்தெதிர் வழக்கிடவும் நின்றதெது?
எங்கணும் பெருவழக்காய்
யாதினும் வல்லவொரு சித்தாகி இன்பமாய்
என்றைக்கும் உள்ளதெது? மேல்

கங்குல்பகல் அறநின்ற எல்லையுள தெது? அது
கருத்திற் கிசைந்தததுவே
கண்டன வெலாமோன உருவொளிய தாகவும்
கருதியஞ்சலி செய்குவாம்.



Since 1919

NATIONAL COLLEGE

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(Co - Educational institution)

(Affiliated to Bharathidasan University)

TIRUCHIRAPALLI - 620 001.

Unit of Dr. V. Krishnamurthy Educational Foundation

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Fax : +91 431 2481997

Student Handbook 2017 - 2018

PERSONAL INFORMATION

Name

Class

Roll No. / Reg. No.

Date of Birth

Car / Bike / Cycle No

Height Weight on Blood Group

Permanent Address

.....

.....

.....

Hostel Room No.

Telephone / Mobile

e-mail ID

In Case of emergency, contact:

Name.....

Telephone / Mobile

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தமிழ்த் தாய் வாழ்த்து

நீராரூங் கடலுடுத்த நிலமடந்தைக் கெழிலொழுகும்
சீராரூம் வதனமெனத் திகழ்பரதக் கண்டமீதில்
தெக்கணமு மதிற்சிறந்த திராவிடநல் திருநாடும்
தக்கசிறு பிறைநுதலுந் தரித்தநறுந் திலகமுமே
அத்திலக வாசனை போல் அனைத்துலகும் இன்பமுற
எத்திசையும் புகழ்மணக்க இருந்தபெருந் தமிழணங்கே! தமிழணங்கே!
உன் சீரிளமைத் திறம்வியந்து செயல்மறந்து வாழ்த்துதுமே!
வாழ்த்துதுமே! வாழ்த்துதுமே!

‘மனோன்மணியம்’ பெ.சுந்தரம் பிள்ளை

தேசிய கீதம்

ஐன கண மன அதி நாயக ஐயவே
பாரத பாக்ய விதாதா
பஞ்சாப ஸிந்து குஜராத் மராட்டா
திராவிட உத்கல வங்கா
விந்திய ஹிமாசல யமுனா கங்கா
உச்சல ஜலதி தரங்கா
தவ சுப நாமே ஜாஹே
தவ சுப ஆசிஷ மாஹே
காஹே தவ ஜய காதா
ஐன கண மங்கள தாயக ஐயவே
பாரத பாக்ய விதாதா
ஐய ஹே! ஐய ஹே! ஐய ஹே!
ஐய ஐய ஐய ஐயவே.

இரவீந்திரநாத் தாகூர்

A SKETCH OF THE COLLEGE

National College, Tiruchirapalli was founded in June, 1919, thanks to the munificence of the late Diwan Bahadur S.Rm.CT.Pethachi Chettiar, Zamindar of Andipatti and the collective initiative and zeal of Justice T.V.Seshagiri Iyer, Sir.T.Desikachariar, N.D.Subbarama Iyer and Sri. Sivarama Krishna Iyer and a galaxy of eminent personalities. The College in fact had its origin to the National High School founded on the 11th of June 1886. The nascent nationalism of three illustrious teachers - Messrs.G.Sesha Iyengar, P.G.Sundaresa Sastrigal and B.S.Venkataramana Sarma - led to the founding of this school.

The founders conceived the idea of a national institution to promote among its youth the highest and the loftiest ideals which constitute the essence of Indian Culture and Nationalism. True to its name, National College continues to impart cultural values and fulfil its role as one of the premiere nation-building institutions of the country. Under the stewardship of eminent scholars and administrators as its Principals, the tallest among them being the late Shri. Saranathan, the College has grown to become a seat of Higher Education and has earned a reputation for high moral standards.

The College functioned in the old Teppakulam campus for nearly four decades from 1919. The shifting of the College campus from Teppakulam to the Junction area began with the acquisition of land in 1957-58. Forty years after its inception, on 8th July 1959, the College was shifted to the new buildings within easy reach from the Railway Junction on the Trichy - Dindigul Road. The College celebrated its Golden Jubilee in the year 1969 under the Presidentship of Shri. N.R.Sundararaja Iyer. Golden Jubilee Block was dedicated for use during this period.

The College had the privilege of celebrating its Diamond Jubilee during the year 1980-81, under the Presidentship of Hon'ble Shri. R.Venkataraman, the most distinguished alumnus, the then Minister for Finance, Government of India, later became the President of Republic of India. To mark the occasion, a block named 'Principal Saranathan Block' where the College library functions now was built. The College fondly remembered with gratitude its principal architect and paid rich encomiums to its glorious line of teachers.

The celebration of the Platinum Jubilee in February 1995 under the Presidentship of the Esteemed Vice-Chancellor of Bharathidasan University Dr. V. R. Muthukaruppan was an important event to commemorate the remarkable services of the institution to the underprivileged sections of the society.

National Evening College, was started in the year 1978 to cater to the rising demands of a new generation of students. Many new courses were introduced and the student population became a fair mix of rural and urban students. The IT revolution brought forth unforeseen changes in curriculum designing and in course content. The 'Evening College' was rechristened as 'Unaided Programmes' from the academic year 2005-06 and they co-exist with the aided programmes. Continuing to respond to its social commitment and the national call for the opening of the portals of higher education to girls, the College introduced Co-Education pattern from the academic year 2007. The II shift classes were introduced from the year 2015-16 in order to meet the growing demands for admission.

As on date, the College offers nineteen Post-Graduate Programmes and twenty Under-Graduate Programmes. Truly the College has been recognised as one of the Centres of Advanced Learning and has been accorded permission for registering candidates for research leading to the award of Ph.D. and M.Phil. in thirteen departments. The College was first accredited by National Assessment and Accreditation Council (NAAC) at 'A' level in 2005 and Re-Accredited in III Cycle at 'A+' Grade in 2016. The University Grants Commission, New Delhi, conferred **Autonomous** status on the College in 2010. The College has also been conferred the rare distinction of **College with Potential for Excellence** status in 2011. The College continues its march to the centenary year with relentless vigour, keeping its mission and vision clear.

The Managing Agency of the College is Dr. V. Krishnamurthy Educational Foundation, a registered society. The College is managed by a College Committee consisting of fourteen members.

There are 250 Teaching and 100 Non-Teaching staff working in the College. About 4000 students are studying in the College.

A CHRONICLE OF OUR COLLEGE

Year	Event
1919	<ul style="list-style-type: none"> * Birth of National College as a Second Grade College affiliated to University of Madras. * Construction of "Saraswathi Hall" in the old campus
1921	<ul style="list-style-type: none"> * Foundation laid for the "Pethachi Block" in the old campus
1924	<ul style="list-style-type: none"> * Emergence into a First Grade Colleges.
1928	<ul style="list-style-type: none"> * Addition of the First Floor to "Pethachi Buildings"
1939	<ul style="list-style-type: none"> * Construction of Sesha Iyengar Hall & Rajan Hall
1957	<ul style="list-style-type: none"> * Acquisition of Site for the New Campus * Foundation laid for the Science block in the New Campus
1959	<ul style="list-style-type: none"> * Shifting of the college to the Present Campus * Science Block completed * Introduction of Pre University courses in Natural Science, Physics, Chemistry, B.Sc. Physics.
1960	<ul style="list-style-type: none"> * Construction of Kamakoti Block, First Hostel and Second Hostel for Boys * Introduction of B.Sc. Chemistry, M.A. Economics, M.Sc. Mathematics
1961	<ul style="list-style-type: none"> * Construction of N.R.S.C Block * Introduction of B.Sc. Geology
1962	<ul style="list-style-type: none"> * Construction of Auditorium and " Otrumai Illam"
1963	<ul style="list-style-type: none"> * Introduction of B.A XII English, M.Sc. Physics
1966	<ul style="list-style-type: none"> * Introduction of Tamil medium courses in History & Economics, Adv. Tamil in Pre University.
1967	<ul style="list-style-type: none"> * Implementation of U.G.C Scales of pay for Staff * Construction of Seshasayee Block & Jaya Vinayakar Temple * Introduction of Tamil Medium in B.A. Economics.
1968	<ul style="list-style-type: none"> * Construction of Saiva Siddantha Block. * Introduction of M.A. Tamil, B.A. Br XII English (Revived)

Year	Event
1969	* Introduction of M.Litt. & Ph.D. in Economics.
1970	* Celebration of the Golden Jubilee (Dec.) * Construction of Stadium, Golden Jubilee Block, Lab. Extension Block * Introduction of Botany Ancillary for B.Sc.
1972	* Nangavaram Periya Pannai Administrative Block, Five Class rooms Block (UGC grant), 3 Rooms Block for PG Mathematics (UGC grant)
1975	* Introduction of Ph.D. in Physics
1976	* Construction of Annathurai Iyer Block
1977	* Introduction of Ph.D. in Mathematics
1978	* Evening College was started with B. Com. & M.Sc. Mathematics
1979	* Introduction of M.A. English, B.A. Philosophy, B.A. Tamil, M. Phil. for State FIP & Part-time candidates Zoology Ancillary for B.Sc., B.Sc. Mathematics & M.A. Economics in Evening College.
1980	* Celebration of the Diamond Jubilee (September) * Foundation laid for the Principal SARANATHAN BLOCK and the Bust of Principal Saranathan unveiled. * Introduction of M.Com, M.Phil. in Mathematics, Economics & Tamil (Both Fulltime & Part time) Ph.D. in Tamil M.Com. & M. Sc. Physics in the Evening College.
1981	* Introduction of B.A. History, B.Sc. Physics, B.Sc. Chemistry in the Evening College.
1982	* Introduction of B.Sc. Botany * Affiliation to Bharathidasan University.
1983	* Introduction of M.Sc. Applied Geology, B.Sc. Environmental Zoology
1984	* Celebration of Completion of 25 years in the New Campus. (Nov.) * Introduction of M.A. Philosophy

Year	Event
1985	<ul style="list-style-type: none"> * Inauguration of M.A. Philosophy. * Shrimati Indira Gandhi College for Women was inaugurated by His Excellency, R. Venkatraman – Vice President of India.
1986	<ul style="list-style-type: none"> * National College Higher Secondary School completed hundred years of service to the public * M.Sc. Chemistry was introduced.
1987	<ul style="list-style-type: none"> * M.Sc. Botany was started. * Laying of foundation stone for Jawaharlal Nehru Block.
1988	<ul style="list-style-type: none"> * Introduction of M.Phil. in Philosophy.
1995	<ul style="list-style-type: none"> * Platinum Jubilee Celebrations.
2000	<ul style="list-style-type: none"> * Affiliation for Ph.D. programme in Botany, Chemistry, Commerce and English.
2004	<ul style="list-style-type: none"> * DST-FIST support to the Department of Geology. * National College Council was trifurcated. Academy of Higher Education came into existence.
2005	<ul style="list-style-type: none"> * NAAC Accredited the College at 'A' Grade. * DST-FIST support to the Department of Geology. * Visit of BDU's Triennial Commission.
2007	<ul style="list-style-type: none"> * Introduction of M.Sc. Computer Science and M.S.W. * First issue of National College News Bulletin was released. * College become a co-educational institution.
2009	<ul style="list-style-type: none"> * College auditorium was renovated and air conditioned. * 4th Unit of NCC - Naval Wing - installed. * B.Sc. and M.Sc. IT Programmes were introduced. * Additional section of B.B.A. was introduced.

Year	Event
2010	<ul style="list-style-type: none"> * UGC conferred Autonomous status to the College. * Additional section of B.A. English was introduced. * Tutor Ward System was introduced. * M.Sc. Zoology Programme was introduced.
2011	<ul style="list-style-type: none"> * M.Sc. Biotechnology Programme was introduced. * NAAC Re-Accredited the College at 'A' level with 3.34 CGPA.
2012	<ul style="list-style-type: none"> * UGC conferred the status of College with Potential for Excellence. * B.A. and M.A. English additional sections, B.Com - Computer Application, B.Sc. Physical Education were introduced. * A new class room block with 80 rooms was constructed. * Women's hostel was constructed. * Boy's hostel was renovated. * National College Instrumentation Facility (NCIF) was established. * DST - FIST support to the College as a unit.
2013	<ul style="list-style-type: none"> * Science Exhibition was conducted. * Saranathan Block was modified and refurnished to house library. * Indoor stadium was constructed. * B.Sc. Computer Science additional section, M.F.M. and M.Phil. Biotechnology Programmes were introduced.
2014	<ul style="list-style-type: none"> * B.Sc. Biotechnology, B.Sc. Statistics and Ph.D. in Business Management were introduced. * Outdoor stadium was constructed. * Chemistry laboratories were renovated.
2015	<ul style="list-style-type: none"> * Registered office of Ramanujan Mathematical Society was permanently shifted to our College.

Year	Event
2016	<ul style="list-style-type: none"> * UGC extended the Autonomous status for the next 6 years. * B.Sc. Mathematics additional section was introduced. * NAAC Re-Accredited the College in III Cycle at 'A+' level with 3.61 CGPA. * UGC extended the CPE status for the second phase. * M.Sc. Geophysics was introduced. * Additional sections in B.Sc., Geology, Zoology, Chemistry and Physics programme were introduced. * Brass Bust of Mathematical genius Ramanujan was installed. * Cricket practicing pitch was established. * CPCSEA approved Animal House Facility was established. * NCC Girls Battalion was installed. * Campus was wi-fi enabled. * Dr. Kalamegam Center for Indian Culture, Heritage and Vedas was started.
2017	<ul style="list-style-type: none"> * Name of Managing Agency changed from "Academy of Higher Education" to " Dr. V. Krishnamurthy Educational Foundation".

LIST OF SUCCESSIVE PRINCIPALS

Sri. K.Ramanujachariar, F.M.U.,	1919 - 1921
Sri. V.Saranathan, M.A.,	1921 - 1947
Sri. A.Rama Iyer, M.A.,	1947 - 1950
Sri. M.S.Srinivasa Sarma, M.A.,	1950 - 1952
Sri. S.Thothadri Iyengar, M.A.,	1952 - 1955
Sri. G.Varadachari, M.A.,	1955 - 1958
Sri. M.S.Venkataraman, M.A.,	1958 - 1962
Sri. V.Renganathan, M.A.,	1962 - 1968
Sri. K.Seetharaman, M.A.,	1968 - 1970
Sri. M.K.Venkataraman, M.A.,	1970 - 1977
Sri. N.Krishnamoorthy, B.A.,(Hons.)	1977 - 1986
Dr. R.Balakrishnan, M.A.,M.Sc.,Ph.D.,	1986 - 1986
Sri. V.Natarajan, M.A.,	1986 - 1987
Sri. S.Kannan, M.A.,M.Com.	1987 - 1991
Sri. S.Thiagarajan, M.Sc.,M.Phil.,F.I.C.S.	1991 - 1997
Dr. S.Muthuswamy, M.Sc.,Ph.D.,F.I.C.S.	1997 - 1998
Dr. M.Nagarajan, M.A.,PGDTE.,M.Litt.,Ph.D.,(BARD),Ph.D.,(CIE&FL)	1998 - 1998
Dr. N.Seshadri, M.A.,M.Ed.,Ph.D.,	1999 - 2003
Dr. M.Nagarajan, M.A.,PGDTE.,M.Litt.,Ph.D.(BARD),Ph.D.,(CIE&FL)	2003 - 2004
Dr. S.Ramamurthy, M.A.,M.Phil.,B.Com.,PGDTE.,Ph.D.,	2004 - 2006
Dr. K.Anbarasu, M.Sc.,M.Phil.,Ph.D.,	2006 - 2017

MEMBERS OF THE COLLEGE COMMITTEE

Padmavibhushan. Dr. V. Krishnamurthy	President
Mr. V. Chakrapani, B.A.,B.L.,	Vice-President
Mr. K. Raghunathan, B.Sc.,B.L.,	Secretary
Ms. Rekha Raghunathan	Joint Secretary
Sri. N.V. Muralie	Member
Sri. R. Sridhar	Member
Sri. D. Harsha	Member
Sri. K.R. Venkatesan	Member
Dr. N.S. Prasad, M.D.,	Member
Dr. K. Anbarasu, M.Sc., M.Phil., Ph.D.,	Director - Special Invitee
Dr. V. Subramanian, M.Sc., M.A., Ph.D.,	Principal i/c / Teacher Representative
Mr. M.Senthilvel, M.Com., M.Phil.,	Teacher Representative
Dr. Leema Rose, Asso. Prof., Dept. of Chemistry, Holy Cross College, Trichy	University Representative
Mrs. K. Savithri	Non-Teaching
Superintendent	Representative

MEMBERS OF THE GOVERNING BOARD

- | | |
|--|-----------------------------------|
| 1. Padmavibhushan Dr. V. Krishnamurthy | President |
| 2. Thiru. K. Raghunathan | Secretary |
| 3. Sri. D. Harsha | Member / Management |
| 4. Thiru. V. Chakrapani | Member / Management |
| 5. Thiru. K. Jayakar Krishnamurthy | Member / Industrialist |
| 6. Dr. K. Anbarasu | Member / Director |
| 7. Dr. V. Subramanian | Principal i/c /
Senior Teacher |
| 8. Mr. M.Senthilvel | Member / Senior Teacher |
| 9. Dr. (Mrs.) Kulwinder Kaur | UGC Nominee |
| 10. Dr. Gopinath Ganapathy | University Nominee |
| 11. | Govt. Nominee |

FINANCE COMMITTEE

1. Dr. V. Subramanian, M.Sc., M.A., Ph.D., Principal i/c
2. Thiru. K. Srinivasan, B.Com., ACA, Chartered Accountant
3. Dr. K. Kumar, M.Com., M.Phil., Ph.D., Department of Commerce

INTERNAL QUALITY ASSURANCE CELL (IQAC)

Dr. V. Subramanian	Principal i/c
Dr. M.S. Mohamed Jaabir	Co-ordinator
Dr. R. Sundhararaman	Controller of Examinations
Dr. S. Eswaran	Dean of Arts
Dr. V. Nandagopalan	Dean of Science
Dr. D.E. Benet	Asso.Prof., Dept.of English
Dr. A.T. Ravichandran	Asso. Prof. Dept. of Physics
Dr. D. Prasanna Balaji	Director, Physical Education
Dr. R. Ravichandran	Asso. Prof. Dept. of Tamil
Mrs. K. Savithri	Office Superintendent
Thiru.K.Raghunathan	Secretary - Management
Dr. K. Anbarasu	Director
Dr. V. Sridevi	Societal Representative
Prof. R. Panchanathan	Societal Representative
Dr. Gopinath Ganapathy	Societal Representative
Student Representatives	

RULES AND REGULATIONS FOR STUDENTS

- The College lays great emphasis on decent behaviour from every student.
- Each student shall be neatly dressed with shoes. Wearing T-Shirts must be avoided.
- Every student shall always wear his/her identity card within the campus and present it for inspection on demand.
- The College begins for shift I at 9.30 a.m. and closes at 2.20 p.m. with a recess for 15 minutes between 12.15 and 12.30 p.m. for shift II, classes commence at 2.30 p.m. and close at 6.45 p.m. with a recess of 15 minutes between 5.00 and 5.15 p.m. At the first bell, students should go to their respective classes. No student should leave the class room during a lecture without the permission of the teacher.
- Students must produce leave letter for their absence with the signature of the parent / guardian. The letter format is available on the College website.
- Students can avail 'On-Duty' only after producing the requisition form duly signed by the Head of the Department. The form may be obtained from the website (www.nct.ac.in).
- Students should attend meetings, functions and other activities of the College in time.
- Students must not loiter in the verandahs, lunch sheds, sit on the steps of porticos and stair cases during class hours.
- During the unexpected absence of the teacher concerned, students should remain silent in their classroom.
- Scribbling on the walls and desks or doing any other kind of damage to the College property is strictly prohibited. Students responsible for any such wanton damage will be severely punished.
- No meeting of any kind shall be held within the College campus without the prior written permission of the Principal.
- No money shall be collected by students from their classmates without obtaining prior permission from the Principal.
- No student shall take part in any agitation directed against the authorities or the Government.

- No notice / pamphlets / brochures of any kind shall be circulated among students or pasted on the Notice Board without the prior written sanction of the Principal.
- Students are advised to restrain themselves from becoming member in non-academic forums & organizations, violating which the student shall be expelled without further enquiry.
- Students shall not indulge in any kind of malpractices in the examinations.
- Students must not mis-use electronic gadgets like laptop, cell phones, pagers, walkmans, discmans, ipods etc. within the College premises.
- Students should not resort to any unlawful activity that will disrupt the peaceful academic atmosphere within campus. Severe action will be taken against those who indulge in such unlawful activities.
- As per Tamilnadu Government letter No.4338 / A2 / 2005- 1, dated 21.02.2005 and Bharathidasan University, Tiruchy letter No. 5576/ ஆர் / சி.சி.சி.டி./ ச 2005, dated 04.03.2005 (the Central Government Order) smoking as well as use of tobacco in any form is strictly prohibited inside the campus.
- Day scholars using two-wheelers should park their vehicles only in the student's parking area. Students should keep their vehicles duly locked and the College will not be responsible for any loss of vehicles. Students are not permitted to ride on two-wheelers within the campus.
- No student is allowed to have private tuition with any Staff Member of the college.
- For organizing functions, conferences, meetings or any other gathering of this kind, they should get prior permission of the Principal. It is mandatory for every student to receive prior permission of Principal for publishing any matter related to college.
- No student shall send any information concerning the College for publication either to the press or elsewhere without prior approval of the Principal of the College, nor shall he/she approach the any other authorities except through the College Principal. Any breach of this rule may lead to outright expulsion of the student from the college.
- Under the Government's Educational Rules, the Principal has absolute right to penalize or suspend or dismiss any student found guilty of gross misconduct inside or outside the College campus.

GENERAL INSTRUCTIONS FOR STUDENTS

1. Students are expected to look at the notice boards every day.

2. Students are advised keep the College Office / Department concerned informed about any change in their local / permanent addresses / contact numbers (landline / mobile).

3. Payment of tuition fee: The tuition fee shall be paid in one lumpsum for each semester on or before the tenth working day of the semester or the date fixed for the payment. Thereafter, it can be paid with an additional levy of Rs.50/- and a fine of Rs.10/- for each working day. However, names of students who have not paid the full fees before the 30th working day of the Semester (or the last day fixed for payment with fine) are liable to be struck off the rolls. Such students will be readmitted only on payment of the entire due amount of fees with fine along with Rs.50/- a readmission fee. This rule is applicable also to holders of scholarships and beneficiaries of any awards. Fees have to be paid by the students only through online. Using online mode of payment through College website. Absence from College with or without leave will not be accepted as an excuse for non-payment of tuition fees on the due dates.

4. Scholarships: Fee concessions and other scholarships are awarded to SC / ST / MBC / DNC / BC students of the P.G. and U.G. Classes as per the prescribed Government rules. Students are eligible for the scholarship fund only when they have the required percentage of attendance in attending classes.

5. Syllabus : Syllabus of all programmes may be downloaded by the students from the College Website (www.nct.ac.in). Students are informed to browse the College site for regular updates and make use of the facilities available through 'students portal'.

6. Attendance: Attendance will be taken at the beginning of each hour. Late comers will not be admitted to the class without an admit - chit from the Head of the Department / Principal. A student who is not in the class when attendance is taken will be marked absent. Students should produce leave letters for absenting themselves from the class, duly signed by Parent or Guardian. A fine of Rs. 10/- for everyday will be collected for absence without leave. Name of the student who is continuously absent without leave for six working days or more is liable to be struck off the rolls. He / She will be eligible for attendance only on re-admission. Students should not abstain themselves for tests and examinations. Absentees will be severely dealt with. Attendance Certificates shall be granted only to students who have attended for 75% of the

number of working hours for the semester provided they have completed the programmes of instruction to the satisfaction of the authorities and their progress and conduct have been satisfactory. Application for exemption from the production of Attendance Certificates (in case of shortage of attendance) will not be recommended as a matter of course unless the Principal is satisfied that the shortage was due to causes beyond the student's control. Number of working days in each semester is not less than 90 days. As per the rules, students must have 75% of attendance in each course for appearing in the examinations. Students who fail to put in the required minimum attendance will have to re-do the semester(s) after completion of the programme. Students who have shortage of attendance in the I semester may not be permitted for the II Semester. They have to re-do the I semester with minimum attendance and then progress to II Semester.

7. Certificates: Any student who wishes to obtain Certificates like Programme of Study, Transfer, Conduct etc. must apply for it in the prescribed form in writing along with the prescribed fee. They will be issued only on 24 hours notice to the Principal. Provisional Pass Certificates and Migration Certificates can be obtained only from the University.

8. College Associations: All the students of the College should become a member of one or more of the Association(s) which provide opportunities for developing co-curricular and extra-curricular talents. The Principal, the Ex-officio President of each Association, nominates a teacher as the Vice-President for each Association. The details of various associations and staff in-charge may be found in the hand-book under academic committee's section. Students are advised to contact the respective staff in-charge to enroll under these activities or associations.

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	Property	Code	Description
First Two characters	Alphabets	BO	BOTANY
Third character	Alphabet	U/P/M/R*	(See below)
Fourth Character	Alphabet	A/S#	(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

PROGRAMMES OF STUDY UNDER CHOICE BASED CREDIT SYSTEM (CBCS)

The choice based credit system (an innovative instructional package developed to suit the needs of students to keep pace with the development in higher education and the quality assurance expected of it in the light of liberalization and globalization in higher education) was introduced in the Under graduate and Post graduate programmes during 2005-2006 as per the guidelines of Bharathidasan University, Tiruchirapalli. As the College was conferred Autonomous status in 2010, a restructured syllabus was introduced under CBCS in all UG and PG programmes from the academic year 2010-2011 onwards. The structure & syllabi are subjected to revision for every two / three years from time to time.

PROGRAMMES OFFERED

AIDED SECTION

<u>Under Graduate</u>	<u>Post Graduate</u>
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
B.Com.	M.Com.

UNAIDED SECTION

<u>Under Graduate</u>	<u>Post Graduate</u>
B.A. English	M.A. English
B.Sc. Chemistry Computer Science Geology Information Technology Mathematics Statistics Physical Education Physics Zoology	M.Sc. Human Resource Biotechnology Botany Chemistry Computer Science Geophysics Information Technology Mathematics Microbiology Physics Zoology Mathematical Finance
B.Com.	M.Com.
B.Com. Computer Applications	M.Com. Financial Management
B.B.A.	M.S.W.
B.C.A..	
B.Litt.	

M.Phil: Biotechnology, Botany, Chemistry, Commerce, Computer Science, Economics, English, Geology, Mathematics, Physics, Physical Education, Tamil and Zoology.

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

Career Oriented Programmes

Diploma in Journalism & Editing

Diploma in Fabrication Engineering

Certificate Programme in Factory Management

Certificate in Bio-Medical Waste Management

PG Diploma in Clinical Trial Management & Regulatory affairs

UGC Sponsored Innovative Programme

Post Graduate Diploma in Bioprocess Technology

Programme Duration

The UG programme is for a period of three years and PG programme is for two years. Each year shall consist of two semesters viz. Odd and Even semesters. Odd semesters shall be from June / July to October / November and Even semesters shall be from November / December to April / May. There shall be minimum of 90 working days.

Courses in Programmes

The UG and PG programme consists of number of courses. The term 'course' is applied to indicate a logical part of the subject matter of the programme and is invariably equivalent to the subject matter of a "paper" in the conventional sense. The details of Language courses, Allied courses, Core courses and Elective courses, Non-major elective courses, Skill - based elective courses, Environmental studies, value education, Gender Studies and project work for each programme shall be found in the College website (www.nct.ac.in). UG students can choose any two NME courses from the list given below

SEM	DEPARTMENT	COURSE TITLE
IV	Botany	Horticulture
V	Botany	Biofertilizer and Biopesticides
IV	Chemistry	Agricultural Chemistry

V	Chemistry	Cosmetics Chemistry
M	Commerce	Introduction to Management / Capital Market Operations
V	Commerce	Introduction to Accountancy/Mutual Funds
M	Economics	Advertisement Management
V	Economics	Agricultural Economics
M	English	Presentation Skills
V	English	Functional Skills
M	Geology	Elements of Geology
V	Geology	Geology and Environment
M	History	Freedom struggle in India
V	Hhistory	Indian Constitution
IV	Mathematics	Quantitative Aptitude I
V	Mathematics	Quantitative Aptitude II
IV	Philosophy	Philosophy of Yoga
V	Philosophy	Gandhian Thought
IV	Physics	Energy Physics
V	Physics	Laser Physics
IV	Tamil	Petchukkalai, Sirappu Tamil I, Adippadai Tamil I
V	Tamil	Sindhanaiyiyal, Sirappu Tamil II, Adippadai Tamil II
IV	Zoology	Communicable Diseases
V	Zoology	Vermiculture
IV	Biotechnology	Bioprocess Technology, Microbes and Man
V	Biotechnology	Animal Cell Culture Technology, Basic Bioinformatics, Geo-Microbiology
IV	Computer Science	Basic Concepts of C.S
V	Computer Science	Internet and its application
IV	Business Administration	Stock Exchange Practice
V	Business Administration	Banking Law and Practice

Each course shall be designed variously under lectures / tutorials / laboratory or field work / seminar / practical training / assignments / term paper or report writing etc., to meet effective teaching and learning needs.

SELF STUDY COURSES

A student can choose one or a maximum of two self study courses from the list of courses identified. There will be no teaching classes for such courses. Students have to study themselves and appear for examinations. The attendance of the semester will be taken into account for the award of CIA mark. The tutor incharge of the class will give title and carry out correction of assignment and conduct of CIA tests. The completion of such courses and the credits will be mentioned in the mark statements.

AUTONOMOUS EXAMINATIONS

- i) There shall be examinations at the end of each semester, for odd semesters in the month of October/November; for even semesters in April/ May.
- ii) A candidate who does not pass the examination in any course(s) may be permitted to appear in such failed course (s) in the subsequent examinations to be held in October / November or April / May. However candidates who have arrears in Practicals shall be permitted to take their arrear Practical examination only along with Regular Practical examination in the respective semester.
- iii) Viva-Voce: Each candidate shall be required to appear for Viva-Voce Examination (in defence of the Project only).
- iv) Oral examination: Communicative English course and all the practical courses in the Science departments will have oral examination. Oral examination shall have a maximum of 5 marks adding to the component of 75 marks (Theory / Practical – 70 + Oral exam - 5 = 75 marks).

ISSUE OF HALL TICKET FOR AUTONOMOUS EXAMINATION

Students who enroll for a Degree or Diploma programme shall appear for the end semester examinations of all the courses he / she studies in the First Semester without having to apply for it. However, from second semester onwards, students need to apply for the end semester examinations through 'On-line' registration system. The online exam application link is available on College website (www.nct.ac.in). The fee for the examination is collected along with the Semester fee for every semester.

In case of students having arrear examinations, they need to specify the arrear courses at the time of online-submission of exam applications. The fee for arrear courses alone need to be paid through college office/bank separately. Upon successful completion of the online exam application procedure within the stipulated time period as communicated by the Controller's office, the student may take out his own 'Hall-Ticket' in the printed format.

Online submission of examination application form will not be available to the students who have not paid their College / examination fee and who have shortage of attendance. He / She may not be able to download the Hall-Ticket.

The online exam application weblink and hall ticket printing out facility may be kept open for students' access only for a limited period of time which will be announced during the end of each semester. Beyond this time period, no student may have access to do so. Students who fail to apply through online mode for semester examinations may not be permitted to appear for the exams under any circumstances. Students who fail to print their own hall-ticket within this 'access-period' may not be permitted to appear for the exams under any circumstances.

STUDENTS ATTENDANCE

Students must have 75% of attendance in each semester for appearing the examination. Students who have 60% to 74% of attendance shall apply for condonation only for genuine medical reasons. Such candidates may apply for condonation with prescribed fee and a valid medical certificate. Students who have below 60% of attendance are not eligible to appear for the examination. They shall re-do the semester(s) after completion of the programme.

GUIDELINES FOR EXAMINATIONS

1. Students have to submit filled in examination application form to the Controller of Examination (COE) before the last date as announced by the COE.
2. Examination application forms will not be issued to the students who do not pay the College/exam fees.
3. Hall Tickets will not be issued to the students who do not pay College fees and/or examination fees and to those who do not submit applications for examination.
4. Students are also asked to follow guidelines of minimum requirement of attendance for examinations.
5. Examinations commence at 9.30 am for the Morning Session & 2.00 pm for the Evening Session.
6. Examinations end at 12.30 pm for the Morning Session & 5.00 pm for the Evening Session.
7. Candidates are allowed to enter the examination Hall at 9.20 am and 1.50 pm in the Morning & Evening respectively.
8. No candidate is allowed to enter the examination Hall after the commencement of the examination i.e. 9.30 am and 2.00 pm for the Morning & Evening Sessions respectively.
9. Candidates have to remain in the hall till the end of examinations i.e. 12.30 pm for the Morning & 5.00 pm for the Evening Session.
10. No candidate will be allowed to enter the examination Hall without Hall Ticket and Identity Card.
11. Photograph is compulsory both in Hall Ticket and Identity Card.
12. Students have to get Invigilators signature on the answer Paper.
13. Malpractice in any form will be severely dealt with.
14. **Students who are found involved in malpractice in any form will not be permitted to write subsequent examinations in the semester and the answer scripts of the courses appeared earlier (if any) in the same semester will not be valued. Further, the candidate shall not be allowed to appear for the next semester examinations as well. However, decision of the principal shall be final on specific issues.**
15. No student is allowed to walk along the verandah during the examination.
16. At the end of the examination, candidates have to submit the answer papers and wait till the invigilators ask the candidates to leave the hall.

QUESTION PAPER PATTERN

The general pattern of the question paper (theory) for end semester examinations shall be followed as given below.

Part A

Objective type of Questions

Forty Questions (Multiple choice) 40 x 0.5 = 20 marks
 Eight Questions from each Unit

Part B

Five Questions (EITHER-OR-type) 5 x 5 = 25 marks
 One Question from each Unit

Part C

Three Questions out of five 3 x 10 = 30 marks
 One Question from each unit

However, students are advised to contact their respective class-in-charge or Head of the Department for any change in the question paper pattern suggested above. There may be alterations in the question paper pattern owing to specific needs of the courses or programmes.

Evaluation

The performance of a student in each course is evaluated in terms of percentage of marks with a provision for conversion to grade points. Evaluation for each course shall be done by a continuous internal assessment by the concerned Course Teacher as well as by an end semester examination and will be consolidated at the end of the course. The components for continuous internal assessment are :

Components	Under Graduate	Post Graduate
Assignments	3 x 2 Marks = 06 Marks	3 x 2 Marks = 06 Marks
CIA Test	2 x 7 Marks = 14 Marks	5 + 7 Marks = 12 Marks
Seminar	---	1 x 2 Marks = 02 Marks
Attendance	05 Marks	05 Marks
Total	= 25 Marks	= 25 Marks

Components	M.Phil
Assignments	5 x 2 Marks = 10 Marks
CIA Test	1 x 10 Marks = 10 Marks
Seminar	1 x 05 Marks = 05 Marks
Teaching Practice	= 10 Marks
Attendance	= 05 Marks
Total	= 40 Marks

Marks for attendance shall be awarded as below

96 – 100 %	-	5 Marks
91 – 95 %	-	4 Marks
86 – 90 %	-	3 Marks
81 – 85 %	-	2 Marks
75 – 80 %	-	1 Mark
Less than 75 %	-	withheld

The components for the Continuous Internal Assessment in the practical (for both UG & PG) are as follows:

For the Degree Programmes that does not have field work

1. Observation Note	=	10 Marks
2. Record Note	=	10 Marks
3. Model Test	=	05 Marks
Total	=	25 Marks

For the Degree Programmes that have field work

1. Observation / Record Note	=	10 Marks
2. Field Work	=	10 Marks
3. Model Test	=	05 Marks
Total	=	25 Marks

The end semester practical examination will be conducted with the following components:

Practical	=	70 Marks
Oral	=	05 Marks
Total	=	75 Marks

PASSING MINIMUM

Under Graduate Programme: The passing minimum for continuous Internal Assessment and end-semester Examination shall be 40% individually and as aggregate.

Post Graduate Programme: A candidate shall be declared to have passed in each course if he/she secures not less than 40% marks in the end semester examinations and 40% marks in the Continuous Internal Assessment and not less than 50% in the aggregate. M.Phil Candidates shall be declared to have passed each course if he / she secures not less than 50% marks in the end semester examinations and 50% marks in the CIA and not less than 50% as aggregate.

Supplementary / Instant Exams

Supplementary exams are conducted at end of final semester within **15 Days** of declaration of results for those out going students who have arrears in only one course.

Improvement of Internal Assessment Marks

Students who are absent in the CIA Test / Assignments shall be permitted to write the Test/Assignments before finalizing the CIA marks during the semester by remitting a fee of Rs. 50/- per course. The dates of the test will be decided by the Head of the Department concerned in consultation with the staff in-charge of the respective course.

Students who were absent in the CIA Test / Assignment and who have not availed the above provision shall be permitted to improve the CIA marks by writing the Test or submitting the Assignments within **5 days** from the date of publication of CIA marks, by remitting a fee of Rs. 100/- per course.

Students who fail to secure the passing minimum in a CIA of a course shall be permitted (**only once**) to improve the Internal Assessment in the subsequent semesters by writing Three Assignments and Two Tests upon remitting a fee of Rs. 100/- per course.

In case of PG students, those who secured passing minimum of 40% in both CIA and Autonomous Examination but failed to secure 50% in aggregate shall be considered as 'failed'. Such students may not be permitted to improve CIA. However, he / she **shall only appear for the theory** examination in the subsequent semesters so as to secure the minimum pass of 50% in aggregate.

Transparency, Re-totaling and Revaluation

There is a provision for obtaining transparency (photocopy) of the answer scripts by remitting a fee of Rs. 300/- per course. A student may also opt for re-totaling of his/her answer scripts by remitting a fee of Rs. 300/- per course.

A student may also apply for revaluation of the answer scripts by remitting a fee of Rs. 500/- per course. However, in the process of revaluation, the answer scripts for the course concerned may not be revaluated directly. Rather, the transparency of the answer scripts for the applied course would be scrutinized for the essentiality before revaluation.

Improvement of marks

There is a provision to permit students willing to improve their marks / Grade Point by appearing in the immediate subsequent end semester examinations, provided the student does not have any arrear till that semester. A fee of Rs.500/- per course shall be collected for the improvement examination. Only one chance per course shall be permitted and the student must specify the improvement courses separately while applying

for the examination. This scheme is only meant for purposeful improvement of a student's grade point average and such students who avail this facility may not be considered eligible to compete for College Ranks and University Rank Examination (URE).

GRADING SYSTEM

Conversion of Marks to Grade Points and Grades

RANGE OF MARKS	GRADE	CLASSIFICATION	GRADE POINT
90 - 100	O	Outstanding	10
80 - 89	D+	Excellent	9
75 - 79	D	Distinction	8
65 - 74	A+	Very Good	7
60 - 64	A	Good	6
50 - 59	B	Average	5
40 - 49 [#]	C	Satisfactory	4
Below 40 [#]	U	Re-appear	0
Below 50 [@]	U	Re-appear	0
ABSENT	-	-	-

$$\text{Grade Point Average (GPA)} = \frac{\sum (\text{Credits} \times \text{Grade Points})}{\sum \text{Credits}} \quad (\text{for each semester})$$

$$\text{Cumulative Grade Point Average (CGPA)} = \frac{\sum (\text{Credits} \times \text{Grade Points})}{\sum \text{Credits}} \quad (\text{for all the semesters})$$

CGPA	GRADE	CLASSIFICATION OF FINAL RESULT
9.0 and above but below 10.0	O	First Class - Exemplary
8.0 and above but below 8.9	D+	First Class with Distinction
7.5 and above but below 7.9	D	First Class with Distinction
6.5 and above but below 7.4	A+	First Class
6.0 and above but below 6.4	A	First Class
5.0 and above but below 5.9	B	Second Class
4.0 and above but below 4.9 [#]	C	Third Class
0.0 and above but below 4.0 [#]	U	Re-appear
0.0 and above but below 5.0 [@]	U	Re-appear

applicable to UG Programme only; @ applicable to PG Programme only.

Note : GPA and CGPA for Part I, II, III, IV & V are to be considered separately for UG Programme.

Credits

The term 'Credit' refers to the weightage given to a course, usually in relation to the instructional hours and content of the course assigned to it. The total minimum credits, required for completing a UG Programme is 120 and PG programme is 90. The details of credits for individual components and individual courses shall be obtained from the course structure of the syllabus available in our college website .

Ranking System

The Rank certificates (First Rank) shall be issued for every Programme under Autonomous Stream. The Bharathidasan University, Tiruchirapalli, conducts University Rank Examination (URE) for the toppers in every programme. First rank-holders of all autonomous colleges and top 20 Rank holders of non-autonomous colleges (having passed the examinations in the first appearance within the prescribed duration of the programme; absence from an exam shall not be taken as an attempt) are required to take the examination. The question papers of the examination comprise of objective type questions covering the core courses in each of the programme. The top scorers of University Rank Examination shall be declared as University Rank holders, irrespective of grades in their end-semester Autonomous examinations.

Revision of Regulations & Curriculum

The college may from time-to-time revise, amend and change the regulations and the curriculum, if found necessary. Any such change shall be communicated through Circulars from the Principal's Office or through Academic Dean.

CORE GROUP

Outstanding students from every class across all disciplines have been chosen to form an elite group in the College and named as 'Core Group'. Experts from all walks of life are invited to deliver lecture for the Core Group students to facilitate them in learning across disciplines and to excel in Public Service or other Competitive Examinations. Prof. K. Elango, Associate Professor & Head of Economics is the Co-ordinator for this Programme.

CAMPUS FACILITIES

1. Library: The College has a big central Library with a prize collection of volumes and also subscribes for a number of journals. The activities of the Library have been fully computerized and the Books are all Bar-coded. The Library functions between 6.00 a.m. to 8.00 p.m. on all working days of the College. Staff and Students can borrow and return the Library books using their bar coded identity cards. The students are exhorted to make the best use of the Library, subject to the rules and regulations in vogue. Students can make use of the photocopying facility available in the general Library. An

exclusive Audio-Visual facility is available within the Library with internet connectivity.

2. National College Facilitation Centre for Visually Challenged (NCFCVC)

An exclusive Facilitation centre for the visually challenged students has been established within the College premises at the ground floor of Golden Jubilee block. The centre is equipped with state-of-the-art facilities of advance hardware and softwares for the visually challenged students. The centre creates a conducive environment for learning and assistive technology. Computer operating ability, internet access will now be possible for the visually challenged. It also consists of sophisticated equipment like the Braille keyboards for the Computer operations, Talking book studio, Image magnifier, Braille printers, book reading machine etc. required for higher education. Through this centre, visually challenged students can have access to any of a lakh of books that are available as resource with the Daisy Forum of India (DFI) who are involved in production of books and reading materials in accessible formats for persons who cannot read normal print.

3. Cafeteria: A Cafeteria is available within the campus and functions between 8:00 a.m. and 3:30 p.m.

4. Hostel: Well furnished and exclusive hostel facility for men and women is available.

5. Sports: Foot-ball and cricket play grounds with athletic tracks are located within the campus. An indoor stadium provides facilities for Table-Tennis, Shuttle-badminton, Volley-ball, Kho-kho and other indoor games. A well equipped modern Gymnasium is available to develop the physical standards of the students.

6. Free Medical Centre: There is a free Medical Centre in the College Campus. Students and staff can consult the Doctor on every Monday and Friday of the week.

7. Mid Day Meal Scheme: Under the Free Mid Day Meal Scheme, lunch is provided to poor Students.

ENDOWMENTS

The following endowment prizes are awarded mainly to student achievers. Students are encouraged to work hard to get those prizes.

- 1. Sanyasi Shri Pragyandendra Saraswati Swamigal Endowment Award** for outstanding student in Sanskrit.
- 2. Dr. K. Balasubramanian Endowment Award** for best outgoing M.Sc., Chemistry Student.

3. **Prof. S. Parthasarathi Iyengar Endowment Prize** for outstanding student in Sanskrit.
4. **Sri. Ekambaran Endowment Prize** for best outgoing B.A., & M.A., Philosophy student.
5. **Sri. V. Kannan Endowment Prize** for Meritorious student in I year B.Sc., Maths.
6. **Sri. S. Pushpavanam Endowment Award** for best outgoing UG & PG student of English.
7. **Sri. K. Varadharajan Endowment Prize** for best outgoing M.Sc., Geology student.
8. **Dr. T. Pitchiappa Endowment Prize** for best outgoing sports champion.
9. **Smt. B.N. Rajeshwari Endowment Prize** for best outgoing UG Botany student.
10. **Dr. R. Ragothaman Endowment Prize** for best outgoing student of M.A., Tamil.
11. **Sri. S. T. Venkatraman Endowment Award** for best outgoing student of B.Sc., Geology student.
12. **Sri. K. Sridharan Endowment Award** for outstanding Post Graduate Chemistry student.
13. **Sri. K. R. Krishnaswamy Endowment Prize** for best outgoing student of B.Sc., Chemistry.
14. **Smt. Lalitha Venkatraman Endowment Award** for outstanding undergraduate student in Part-I Tamil.
15. **Sri. Rama Krishnan Indira Endowment Award** for outstanding student of M.A., Economics.
16. **Dr. M.N. Abubacker Endowment Prize** for best outgoing student of M.Sc., Biotechnology.
17. **Sri. G. Sundaram Endowment Prize** for out-standing student of I year B.A., English.
18. **TGP Haran endowment Prize** for best outgoing student of B.Sc., Mathematics with Sanskrit as Language course.

19. **Dr. R. Kalamegam Endowment Prize** for best out-going student of B.Sc., Zoology.
20. **Sri. V. Srinivasan Endowment Prize** for Best out-going student of B.A., Economics.
21. **Dr. S. Shobana Endowment** for the conduct of annual Endowment Lecture in Economics.
22. **Sri. Diljith C. Shah Endowment** for the conduct of annual endowment lecture in Economics and for the best Library user.
23. **Smt.S.Sridevi Endowment Prize** for best out-going student of B.A., Economics.
24. **Advocate Sri. R. Krishnamoorthy Memorial Endowment Prize** for top scorer in Mercantile Law course.
25. **Sri. T. S. Subramanian Endowment Prize** for best outgoing B.A., English student.
26. **Manavasi Parthasarathi Iyengar Endowment Prize** for Meritorious UG student in English.
27. **Dr. S. Sivakumar Endowment Prize** for best outgoing student of B.Sc., Geology.
28. **Vidhya Seva Rathanam Sri.K.Santhanam** Endowment Prize for top scorer in Part -I Sanskrit of Un-Aided stream.
29. **Dr. M.A. Gopalan Endowment Prize** for outstanding student of B.Sc., Mathematics.
30. **Major M. Aravandi Endowment Prize** for நல்லொழுக்க மாணவன்.
31. **Prof. S. Thiagarajan Endowment Prize** for outstanding student of M.Sc., Chemistry.
32. **Smt.Chellammal Appu Iyer Memorial Endowment Prize** for best outgoing M.Sc., Maths student.
33. **Prof. K. Raghavan Endowment Prize** for top scorer in Algebra course.
34. **Prof. D. Duraisamy Endowment Prize** for Best outgoing UG student in Tamil.
35. **Dr. S.Ganesan Endowment Prize** for best outgoing Post Graduate student in Tamil.

36. **Prof. N. Rajagopalan Endowment Prize** for best outgoing PG student in Physics.
37. **Prof. S. Muthusamy Endowment Prize** for top scorer in Inorganic Chemistry course in PG.
38. **Sathiya Vimala Endowment Prize** for outstanding student in B.Sc.,Physics.
39. **Sri. S. Gurumoorthy Endowment Prize** for outstanding student in B.Sc., Physics.
40. **Dr. D. Sivasubramanian Endowment Prize** for outstanding student in B.Com.,
41. **Shri Sultan Chand Trust Endowment (Three Prizes)** for outstanding students of I, II & III year BBA.
42. **Sri. P. Baskaran Endowment Prize** for the best article published in National / International Journal.
43. **Prof. M. Sankaran Endowment Prize** for best outgoing student in B.A., English.
44. **Smt. Mangalam Natarajan Endowment Prize** for outstanding student in Journalism.
45. **Dr. V. Renganathan Endowment Prize** for outstanding student in M.Sc., Physics.
46. **Dr. R.Ramachandran Endowment Prize** for best outgoing student in B.Com.,
47. **Prof.R.Balakrishnan Endowment** for conduct of annual Endowment lecture in Mathematics
48. **G. Venkata Subramaniam Endowment** for the conduct of annual endowment lecture in History.
49. **Dr. N.Seshadri Endowment Prize** for best outstanding student of M.A.,Tamil
50. **Prof. S. Ramamurthy Endowment Prize** for outstanding student of B.A., English.
51. **Prof. M. Natarajan Endowment Prize** for best outgoing student of M.Sc., Physics.
52. **Dr. C. Sargunam Endowment Prize** for best outgoing UG student in Tamil.

53. **Sri. T. S. Krishnamoorthy Iyer Endowment Prize** for best outgoing student in B.Sc.,Physics.
54. **Auditor N. Krishnaswamy Endowment Prize** for best outgoing student of M.Com.,
55. **Mr. K. Rengarajan Endowment Prize** for best outgoing B.A.,Economics student.
56. **Sri. Venkatraman Endowment Prize** for best outgoing B.A., Economics student.
57. **Dr. V.T. Sridharan Endowment Prize** for best outgoing student of B.Sc., and M.Sc., Botany.
58. **Dr. P.Manickam Endowment Prize** for best outgoing B.A.,English student .
59. **Mr.P.Jegadeesan Endowment Prize** for the best outgoing B.A. History student.
60. **Sri. K.R. Krishnaswamy Endowment prize** for best outgoing student of M.Sc. Chemistry
61. **Dr. K. Uma, Endowment prize** for best out going student of B.Sc. Zoology.
62. **Mr. Sathyamurthy, Endowment prize** for best II B.Sc. Botany Student.
63. **Mr. L. D. Ramanan** an alumnus of the College has created an Endowment to offer Scholarship to two students of Mathematics.
64. **Manavasi M.S.Parthasarathi an Endowment to offer scholarship** for best student in English each one from I,II & III B.A.
65. **Manavasi M.S.Parthasarathi an Endowment to offer scholarship** for the best student in Mathematics each one from I,II & III B.Sc.,
66. **Prof.S.Senthamarai Selvi created an Endowment** for best orator in Tamil in the name of தமிழாளியர், சிவக்கொழுந்து பிள்ளை- சேதுமணி அம்மாள்.
67. **Y.T.Thathachariar, Endowment Prize** to the Best Outgoing Students of M.A. English
68. **Prof. R. Srinivasan, Endowment Prize** for outgoing B.Com., Student
69. **Srinivasa Mannar Iyengar & Srimati Andal Ammal Memorial Prize** for Highest Scorer in English in the Autonomous Exams

70. **Prof.A.Rama Iyer Gold Medal Endowment Prize** to the Topper in BA/MA English
71. **Prof.M.N.Varadarajan &Smt. Thangamma Memorial Prize** to the Topper in B.Sc.,Chemistry
72. **Sri. M.G.Balasubramaniam, Endowment Prize** for best outgoing B.Com., student.
73. **R.Seshadri Endowment Prize** for best outgoing B.Sc., Computer Science Student.
74. **Capt.C.B.S.Manian Endowment Prize** Best Outgoing B.A. English Student
75. **Prof.Dr.S.Ramanathan Memorial Endowment** Best outgoing Student in BBA UG & PG
76. **Sri.B.N.Rejeswari, Endowment Prize** Best outgoing B.Sc., Botany Student
77. **Prof.M.Palanisamy, Endowment Prize** Best student of “Mathematical Physics” in B.Sc., Physics.
78. **Sri.M.V.Krishnamurthy Rao, Memorial Endowment Prize** for best outgoing B.Sc., Chemistry Student
79. **Ms. Sathya – Vimala Endowment Prize** for best outgoing student of Physics Department
80. **Dr.N.Baskaran, Endowment Prize** for best outgoing B.A., Economics
81. **Dr.Parthasarathy, Principal Saranathan Endowment** Lecture
82. **Pandita M.Gopalakrishna Iyer Memorial Endowment** Lecture
83. **Dr.Parthasarathy, Principal Saranathan Endowment** Prize for a best B.A. English student
84. **Prof.A.Krishnamoorthy Endowment Prize** best outgoing B.Sc., Mathematic
85. **Manavasi Parthasarathi Iyengar Endowment Prize** Scholarship for a best students in Mathematics.
86. **Dr.K.Rajarathinam Endowment Prize** for best outgoing B.A. Tamil student..
87. **Dr. R. Ramesh Endowment Prize** for the best outgoing B.Sc. Geology student.

88. **Dr. C. Ashokkumar Endowment Prize** for outstanding students of B.Sc. Zoology.
89. **Dr. C. Ashokkumar Endowment Prize** for outstanding NCC Cadet from Armywing students of NCC Cadet.
90. **Dr. C. Ashokkumar Endowment Prize** for outstanding Sports student of B.Sc. Physical Education.
91. **Sri. N. Sathyamoorthy Endowment Prize** for the best outgoing student of B.Sc. Physical Education.
92. **Prof. A. Abdul Razak, Ex-MP, Endowment Prize** for the top scorer in Organic Chemistry (PG).
93. **Ms. Nagarathinam Endowment** for financial support to needy students.
94. **Sri. Ananth Vivek Elangovan Endowment** for financial support to needy students.
95. **Sri. Elangovan Manickam Endowment** for financial support to needy students.
96. **Dr. R. Srinivasan Endowment Prize** for Physically Handicapped student.
97. **Dr. S. Ramanath Endowment Prize** for the I rank student of UG I semester Commerce student.
98. **Mr. D. James Endowment Prize** for the I rank student of UG I semester Computer Science.
99. **Dr. D. Srinivasan Endowment Prize** for best outgoing Brahmin student in B.A. Economics.
100. **Dr. P. Chandrasekar Endowment Prize** for for best outgoing Commerce student.
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102. **Dr. U. Sathyamurthy Endowment Prize** for the I rank student of UG III semester in Commerce.
103. **K.V.K. Ramachandran Endowment Prize** for I rank student of I B.Sc. I semester in Physics.

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Thiru. S. Ganesan	Junior Assistant
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Thiru. K. Manivel	Lab Assistant (SG)
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CALENDAR, GENERAL TIME - TABLE & ROOM ALLOTMENT

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DISCIPLINARY COMMITTEE

Heads of the Departments

N.C.C. Officers & N.S.S. Officers

Dr. P.S.S. Akilashri, Asso. Prof., Dept. of Computer Science - Vice Principal

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Dr. M.S. Mohamed Jaabir, Asso. Prof., Dept. of Biotechnology

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Dr. R. Ravichandran, Asso.Prof, Dept of Tamil

Mr. S. Sivakumar, Asso. Prof, Dept. of Geology

SENATE MEMBER

Dr. S. Selvaraj, Asst. Prof., (SS), Dept. of Geology

PUBLIC RELATIONS

Dr. R. Sundhararaman, Asso. Prof., Dept. of Commerce

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A Permanent Cell to combat violence including sexual harassment against women in their work places.

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Members Teaching : Dr. Manju Somanath, Asst.Prof. Dept of Mathematics
Ms. S. Jamuna Rani, Asst.Prof. of Commerce (UAP)

Non-Teaching : Mrs. K. Savithri, Superintendent
Mrs. K. Abarna, Record Clerk

NGO : Mrs. B.S. Hajira Basha, B.Sc., LLB, (Advocate)
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Ms. A. Sasikala - Placement Officer

COLLEGE MAGAZINE & NEWS BULLETIN

Editorial Board: Dr. D.E. Benet, Asso. Prof., Dept. of English
Dr. S. Senthil Kumar, Asso. Prof., Dept. of Biotechnology
Dr. K. Govindaraj, Asst. Prof., Dept. of Zoology

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Dr. N. Manickam, Asso.Prof. Dept. of Tamil
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Dr. M. Murali, Asso. Prof. (SG) Dept. of Chemistry

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Dr. V. Srividhya , Asst. Prof., Dept. of English

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JUNIOR JAYCEES

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Asst. Prof., Dept. of Botany
Armd.Sqn. : Captain.Dr.D.Muthuramakrishnan, 7 & 8 Troops 2 (TN)
Armed Sqn NCC; Asso. Prof., Dept. of Mathematics
Naval Wing : S.Lt. Dr.S. Selvaraj, Division Commander, 2 (TN) Naval Unit
NCC, Madurai; Asst. Prof., Dept. of Geology
Air Wing : Sqn. Ldr. Dr. R.Sundhararaman, Airwing Flight Commander,
Flight B2 3 (TN) Air Sqn. (Tech), NCC; Asso. Prof., Dept. of
Commerce
Girls Battalion: Ms. Laishram Shila Devi, Asst. Prof. Dept. of Physical
Education

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2. Mr. K. Elango, Asso. Prof., Dept. of Economics
3. NSS Programme Officers
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 - ii. Unit II : Dr.V.Srividhya, Asst. Prof., Dept. of English
 - iii. Unit III : Thiru.S.Karuthan, Asst. Prof., Dept.of Tamil
 - iv. Unit IV : Dr. D.Prasanna Balaji, Dept. of Phy. Education

EXNORA

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Deputy Warden : Girls Hostel : Dr. S. Sunitha, Asso.Prof., Dept. of Chemistry

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Co-ordinator : Dr. M.N. Abubacker, Asso. Prof. Dept. of Biotechnology

PURCHASE COMMITTEE

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Dr. D. Saravanan, Asst. Prof., Dept. of Chemistry

Dr. S.P. Anand, Asst. Prof., Dept. of Botany

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Dr. V. Nandagopalan, Asso. Prof., Dept. of Botany

Dr. M. Murali, Asst. Prof., (SS), Dept. of Chemistry

Dr. D. Saravanan, Asst. Prof., (SS), Dept. of Chemistry

Dr. M.S. Mohamed Jaabir, Asso. Prof., Dept. of Biotechnology

COLLEGE ASSOCIATIONS 2017 - 2018

President : **Dr. V. Subramanian**, Principal i/c

Co-ordinator : **Dr. N. Manickam**, Asso.Prof., Dept of Tamil

<u>S.No.</u>	<u>Department</u>	<u>Vice-President</u>
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2.	Botany	Dr. B. Muthukumar
3.	Chemistry	Dr. B. Latha
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5.	Commerce	Dr. K. Kumar
6.	Commerce (UAP)	Ms. T. Nandhini
7.	Economics	Mr. K. Elango
8.	English	Dr. V. Srividhya
9.	English (UAP)	Ms. Gowri Priya Anand
10.	Geology	Dr. V. Vasanthamohan
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13.	Mathematics (UAP)	Ms. C. Sheela
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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	-----
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5. Ms. K. Kavitha	Chemistry	9659413000	-----
6. Dr. K. Kumar	Commerce	9443548859	-----
7. Prof. R. Jayaraman	Commerce(UAP)	99422-14090	-----
8. Dr.P.S.S.Akila Shri	Computer Sc.	99423-80091	-----
9. Ms. A. Uma Maheswari	Computer Sc.	9791627894	-----
10. Dr. D.E. Benet	English	94432-48012	2480707
11. Ms.Gowri Priya Anand	English (UAP)	994280789	-----
12. Dr. V. Vasanthamohan	Geology	94434 08064	-----
13. Prof. P. Parimala Sekar	History	97905-33707	2770194
14. Thiru. M. Senthivel	Mathematics	94423-88777	2341613
15. Ms. K. Srividhya	Maths (UAP)	99658-48658	-----
16. Dr. D. Prasanna Balaji	Phy.Education	99944-91882	-----
17. Dr.S.Kumaresan	Physics	94433-11281	2774281
18. Dr.N.Manickam	Tamil	94435-31163	2742182
19. Dr.V.Gokula	Zoology	94435-78753	2457442
20. Dr.K.Govindaraj	Zoology (UAP)	94453-28898	-----
21. Dr. S.P. Anand	Dy. warden	98420 37353	-----
22. Dr. S. Sunitha	Dy. warden	98425-54235	-----

ODD - SEMESTER

TIME - TABLE

HOURS / DAYS	(1)	(2)	(3)	(4)	(5)
I DAY					
II DAY					
III DAY					
IV DAY					
V DAY					
VI DAY					
B R E A K					

JUNE 2017		
Date	Day	Particulars
1	Thu	
2	Fri	
3	Sat	
4	Sun	
5	Mon	
6	Tue	
7	Wed	
8	Thu	
9	Fri	
10	Sat	
11	Sun	
12	Mon	
13	Tue	
14	Wed	
15	Thu	
16	Fri	College Re-opens for the academic year 2017-18 (For all senior classes)
17	Sat	Holiday
18	Sun	Holiday
19	Mon	
20	Tue	Principal Saranathan Memorial Day
21	Wed	I UG & I PG classes begin
22	Thu	
23	Fri	
24	Sat	Holiday
25	Sun	Holiday
26	Mon	Ramzan - Holiday
27	Tue	
28	Wed	
29	Thu	
30	Fri	Last date for payment of the fee without fine

JULY 2017		
Date	Day	Particulars
1	Sat	Working Day
2	Sun	Holiday
3	Mon	
4	Tue	
5	Wed	
6	Thu	
7	Fri	
8	Sat	Holiday
9	Sun	Holiday
10	Mon	
11	Tue	
12	Wed	
13	Thu	
14	Fri	
15	Sat	Holiday
16	Sun	Holiday
17	Mon	
18	Tue	Sesha Iyengar Memorial Day
19	Wed	
20	Thu	
21	Fri	
22	Sat	Holiday
23	Sun	Holiday
24	Mon	
25	Tue	Last date for the payment of fee with fine
26	Wed	
27	Thu	
28	Fri	
29	Sat	Holiday
30	Sun	Holiday
31	Mon	

AUGUST 2017		
Date	Day	Particulars
1	Tue	
2	Wed	
3	Thu	
4	Fri	
5	Sat	Holiday
6	Sun	Holiday
7	Mon	
8	Tue	
9	Wed	
10	Thu	Submission of Assignment - I
11	Fri	
12	Sat	Holiday
13	Sun	Holiday
14	Mon	Holiday - Krishna Jayanthi
15	Tue	Holiday - Independence Day
16	Wed	
17	Thu	
18	Fri	
19	Sat	Working Day
20	Sun	Holiday
21	Mon	
22	Tue	
23	Wed	
24	Thu	
25	Fri	Holiday - Vinayakar Chaturthi
26	Sat	Holiday
27	Sun	Holiday
28	Mon	CIA - I Begins - PAPER - 1
29	Tue	PAPER - 2
30	Wed	PAPER - 3
31	Thu	PAPER - 4

SEPTEMBER 2017		
Date	Day	Particulars
1	Fri	PAPER - 5
2	Sat	Holiday - Bakrid
3	Sun	Holiday
4	Mon	PAPER - 6
5	Tue	PAPER - 7
6	Wed	
7	Thu	
8	Fri	
9	Sat	Working Day
10	Sun	Holiday
11	Mon	Issue of Semester Exam Application Form
12	Tue	
13	Wed	
14	Thu	
15	Fri	Submission of Assignment - II
16	Sat	Holiday
17	Sun	Holiday
18	Mon	
19	Tue	Last date for submission of Exam application
20	Wed	
21	Thu	
22	Fri	
23	Sat	Holiday
24	Sun	Holiday
25	Mon	
26	Tue	
27	Wed	
28	Thu	
29	Fri	Holiday - Saraswathi Pooja
30	Sat	Holiday - Vijayathasami

OCTOBER 2017		
Date	Day	Particulars
1	Sun	Holiday - Muharum
2	Mon	Holiday - Gandhi Jayanthi
3	Tue	
4	Wed	
5	Thu	
6	Fri	Submission of Assignment - III
7	Sat	Working Day CIA - II Begins PAPER - 1
8	Sun	Holiday
9	Mon	PAPER - 2
10	Tue	PAPER - 3
11	Wed	PAPER - 4
12	Thu	PAPER - 5
13	Fri	PAPER - 6
14	Sat	Working Day PAPER - 7
15	Sun	Holiday
16	Mon	Holiday
17	Tue	Holiday
18	Wed	Holiday - DEEPAWALI
19	Thu	
20	Fri	
21	Sat	Working Day
22	Sun	Holiday
23	Mon	
24	Tue	
25	Wed	
26	Thu	Last Working Day for the Odd Semester
27	Fri	
28	Sat	Holiday
29	Sun	Holiday
30	Mon	Semester Examinations begin
31	Tue	

NOVEMBER 2017		
Date	Day	Particulars
1	Wed	
2	Thu	
3	Fri	
4	Sat	
5	Sun	
6	Mon	
7	Tue	
8	Wed	
9	Thu	
10	Fri	
11	Sat	
12	Sun	
13	Mon	
14	Tue	
15	Wed	
16	Thu	
17	Fri	
18	Sat	
19	Sun	
20	Mon	
21	Tue	
22	Wed	
23	Thu	
24	Fri	
25	Sat	
26	Sun	
27	Mon	College Re-opens for the Even Semester for all the classes
28	Tue	
29	Wed	
30	Thu	

EVEN - SEMESTER

TIME - TABLE

HOURS/DAYS	(1)	(2)	(3)	B R E A K			(4)	(5)
I DAY								
II DAY								
III DAY								
IV DAY								
V DAY								
VI DAY								

DECEMBER 2017		
Date	Day	Particulars
1	Fri	Holiday - Milad-Un-Nabi
2	Sat	Holiday - Karthigai Deepam
3	Sun	Holiday
4	Mon	
5	Tue	
6	Wed	
7	Thu	
8	Fri	
9	Sat	Holiday
10	Sun	Holiday
11	Mon	
12	Tue	
13	Wed	
14	Thu	Last date for the payment of fees without fine
15	Fri	
16	Sat	Holiday
17	Sun	Holiday
18	Mon	
19	Tue	
20	Wed	
21	Thu	
22	Fri	
23	Sat	Working Day
24	Sun	Holiday - Mid-Semester holidays begin
25	Mon	Holiday
26	Tue	Holiday
27	Wed	Holiday
28	Thu	Holiday
29	Fri	Holiday
30	Sat	Holiday
31	Sun	Holiday

JANUARY 2018		
Date	Day	Particulars
1	Mon	Holiday - New Year
2	Tue	College Re-opens after mid-semester holidays
3	Wed	Submission of Assignment - I
4	Thu	
5	Fri	
6	Sat	Working Day
7	Sun	Holiday
8	Mon	
9	Tue	
10	Wed	Last date to pay the fees without fine
11	Thu	
12	Fri	
13	Sat	Holiday - Bogi
14	Sun	Holiday - Pongal
15	Mon	Holiday - Thiruvalluvar Day
16	Tue	Holiday - Uzhavar thirunal
17	Wed	
18	Thu	
19	Fri	
20	Sat	Working Day
21	Sun	Holiday
22	Mon	
23	Tue	
24	Wed	
25	Thu	
26	Fri	Holiday - Republic Day
27	Sat	Holiday
28	Sun	Holiday
29	Mon	
30	Tue	
31	Wed	

FEBRUARY 2018		
Date	Day	Particulars
1	Thu	
2	Fri	
3	Sat	Holiday
4	Sun	Holiday - Annual Alumni Meet
5	Mon	
6	Tue	
7	Wed	
8	Thu	
9	Fri	
10	Sat	Holiday
11	Sun	Holiday
12	Mon	Submission of Assignment - II
13	Tue	
14	Wed	
15	Thu	
16	Fri	
17	Sat	Holiday
18	Sun	Holiday
19	Mon	
20	Tue	
21	Wed	CIA TEST - I Begins - PAPER - 1
22	Thu	PAPER - 2
23	Fri	PAPER - 3
24	Sat	Holiday
25	Sun	Holiday
26	Mon	PAPER - 4
27	Tue	PAPER - 5
28	Wed	PAPER - 6

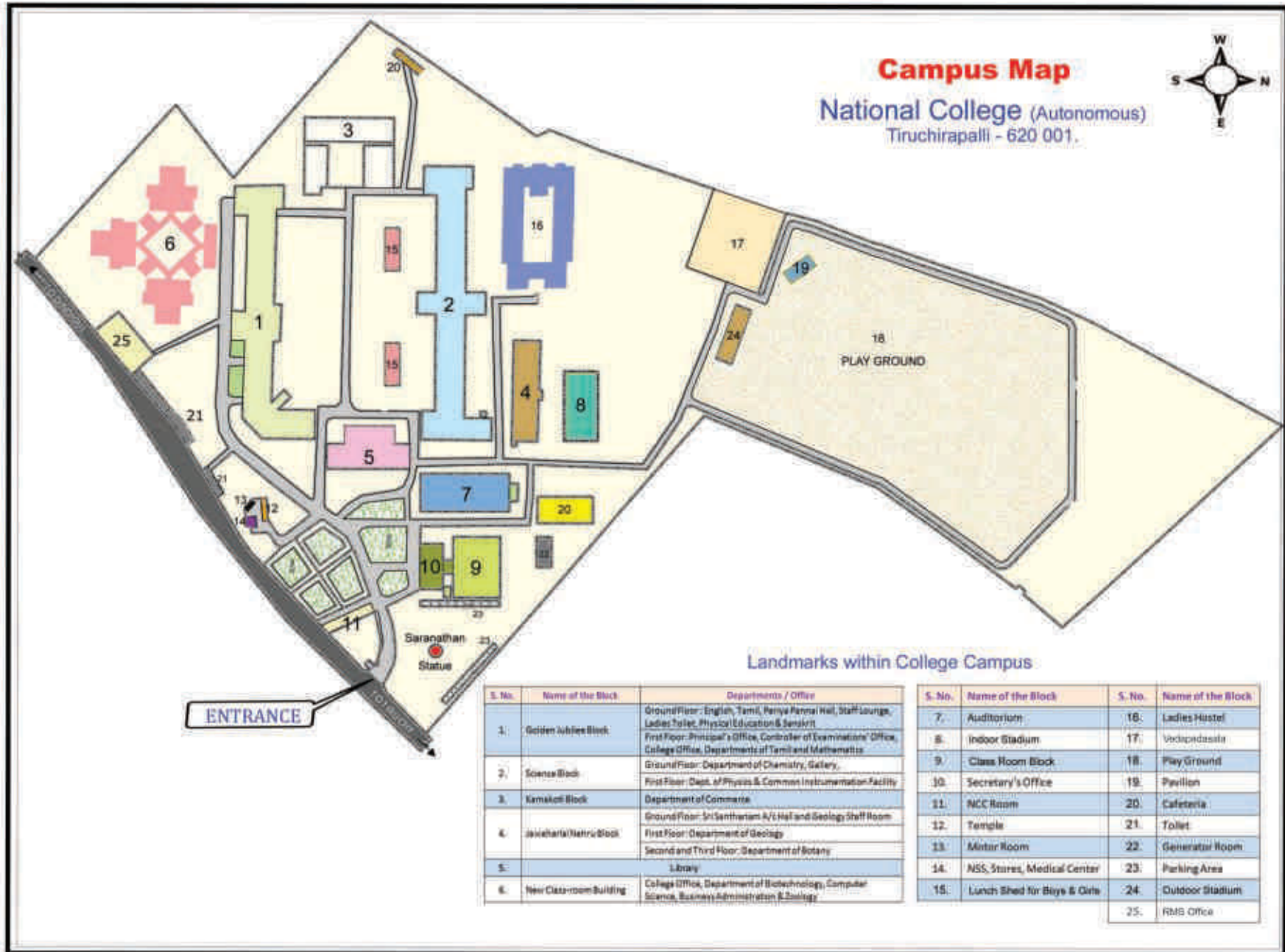
MARCH 2018		
Date	Day	Particulars
1	Thu	PAPER - 7
2	Fri	Issue of Semester Application forms
3	Sat	Holiday
4	Sun	Holiday
5	Mon	
6	Tue	
7	Wed	
8	Thu	
9	Fri	
10	Sat	Holiday
11	Sun	Holiday
12	Mon	
13	Tue	
14	Wed	Last date for submission of exam application form
15	Thu	
16	Fri	
17	Sat	Holiday
18	Sun	Holiday - Telugu New Year
19	Mon	
20	Tue	
21	Wed	
22	Thu	
23	Fri	Submission of Assignment - III
24	Sat	Holiday
25	Sun	Holiday
26	Mon	
27	Tue	
28	Wed	
29	Thu	
30	Fri	C I A - II Begins PAPER - 1
31	Sat	Working day PAPER - 2

APRIL 2018		
Date	Day	Particulars
1	Sun	Holiday
2	Mon	PAPER - 3
3	Tue	PAPER - 4
4	Wed	PAPER - 5
5	Thu	PAPER - 6
6	Fri	PAPER - 7
7	Sat	Holiday
8	Sun	Holiday
9	Mon	U.G PRACTICALS BEGIN
10	Tue	
11	Wed	
12	Thu	
13	Fri	
14	Sat	Holiday - Tamil New Year
15	Sun	Holiday
16	Mon	Last working day for Even Semester - PG practicals begin
17	Tue	
18	Wed	
19	Thu	
20	Fri	
21	Sat	
22	Sun	
23	Mon	COMMENCEMENT OF END SEMESTER EXAMINATIONS
24	Tue	
25	Wed	
26	Thu	
27	Fri	
28	Sat	
29	Sun	
30	Mon	

NOTES

Campus Map

National College (Autonomous)
Tiruchirapalli - 620 001.



Landmarks within College Campus

S. No.	Name of the Block	Departments / Office
1.	Golden Jubilee Block	Ground Floor: English, Tamil, Penya Panna Hall, Staff Lounge, Ladies Toilet, Physical Education & Sanskrit First Floor: Principal's Office, Controller of Examinations' Office, College Office, Departments of Tamil and Mathematics
2.	Science Block	Ground Floor: Department of Chemistry, Sallery, First Floor: Dept. of Physics & Common Instrumentation Facility
3.	Kamakoti Block	Department of Commerce
4.	Jeevharathi Mathru Block	Ground Floor: Sri Sentharam A/C Hall and Geology Staff Room First Floor: Department of Geology Second and Third Floor: Department of Botany
5.		Library
6.	New Class-room Building	College Office, Department of Biotechnology, Computer Science, Business Administration & Zoology

S. No.	Name of the Block	S. No.	Name of the Block
7.	Auditorium	16.	Ladies Hostel
8.	Indoor Stadium	17.	Vedapondanalla
9.	Class Room Block	18.	Play Ground
10.	Secretary's Office	19.	Pavilion
11.	NCC Room	20.	Cafeteria
12.	Temple	21.	Toilet
13.	Mintar Room	22.	Generator Room
14.	NSS, Stores, Medical Center	23.	Parking Area
15.	Lunch Shed for Boys & Girls	24.	Outdoor Stadium
		25.	RMS Office

JUNE 2017 - MAY 2018

JUNE						
S	M	T	W	T	F	S
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JULY						
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AUGUST						
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SEPTEMBER						
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OCTOBER						
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NOVEMBER						
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26	27	28	29	30		

DECEMBER						
S	M	T	W	T	F	S
31					1	2
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JANUARY						
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28	29	30	31			

FEBRUARY						
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25	26	27	28			

MARCH						
S	M	T	W	T	F	S
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18	19	20	21	22	23	24
25	26	27	28	29	30	31

APRIL						
S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

MAY						
S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	



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Tiruchirapalli - 620 001

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"That alone is knowledge which liberates..."

List of Major and Minor projects sanctioned

Major Research projects

S. No.	Name of the Staff	Year	Name of the Project	Name of the Funding Agency / Industry	Total Grant Received
1.	Dr.K.Anbarasu	2015 - 2018	Geobiotechnological Study of Quaternary Sea level changes along the waste of Tamil Nadu using Sedimentological, Micropaleontological & Microbiological indicators.	MoES	44,50,000
2.	Dr.S.Senthil Kumar	2015 - 2018	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	UGC	13,85,000
3.	Dr. M.S. Mohamed Jaabir	2015 - 2018	A Molecular investigation on the onset of Attention Deficit / Hyperactivity Disorder in the maternal micronutrient deficient offspring	UGC	15,86,000
4.	Dr.S.Sankara manivel	2015 - 2018	Improving hepatic differentiation of Mesenchymal stem cells by co-culture with Endothelial cells	SERB-DST	32,85,000
5.	Dr. M. Gnana desigan	2015 - 2018	Validation, safety and efficiency of soil associated microbes from Kolli hills for the management of Microbiology.	UGC	16,82,500

6.	Dr. S. Senthil Kumar	2016 - 2018	Extraction of Water from Air at Zero Energy Expenditure to Mitigate Water and Energy Crisis in India: A socio-technical perspective to develop 'Zero Extract Corporates'	DST	25,15,000
7.	Dr. M. Murali	2016 - 2018	Models for Type-2 and Type-3 Copper Oxidases : Synthesis, Structure and Spectral, Electrochemical and Catalytic Properties of Mononuclear Copper(II) Complexes	SERB-DST	37,15,800
8.	Dr. S. Senthil Kumar	2017 - 2018	Microbial aided Vermistabilization of textile industry sludges : A low-cost sustainable technology over conventional systems with potential for decentralization in the textile valley of Tamil Nadu	DST	10,78,400

Minor Research projects

S. No.	Name of the Staff	Year	Name of the Project	Name of the Funding Agency/Industry	Total Grant Received
1.	Dr. S. Gurunathan	2017-2018	Genomic Subtraction based approach for Identification of Potential Antimicrobial Targets in <i>Ralstonia Solanacearum</i>	UGC	1,05,000
2.	Mr. G. Ganapathy	2017-2018	Production of Anthocyanin from the cell suspension culture of <i>Basella rubra</i> L	UGC	1,40,000

List of Scholars awarded Ph.D.

	Name of the Scholar / Guide	Topic
1.	Mr. M.Prince / Dr.M.N.Abubacker	A Study on Consumer preference for UPS in Trichy District.
2.	Mr. M. Bastin Churchill / Dr. E. Natarajan	In Vitro studies on Spilanthes calva.L. a medicinal plant.
3.	Mr.G.Velmurugan/ S.P. Anand	Phytopharmacological and Tissue culture Investigation on Phyllodium Pulchellum (L.) Desv. - an Important Medicinal Plant.
4.	Mr.M.Visvanathan / Dr. S.Srinivasan	Influence of Glyphosata Herbicide on Musa sp plantation soil and Microbial population with their biodegradation potential
5.	Ms.B.Meenatchi/ Dr. V.Renuga	Synthesis, Characterization and Applications of Protic Ionic Liquids as designer solvents for organic, Nano, Electro and Biological Fields
6.	Ms. R.Thirugnanasoundari/ Dr.R.Narayanasamy	Risk Return Analysis of Equity Investments in Indian Stock Market (Based On Nifty)
7.	Ms.P.Urmila, /Dr.V.Srividhya	New Models of cultural Interaction A Study in Bharati Mukherjee's Select Novels
8.	Mr. V. Silambarasan / Dr.S.Ramanath	A Study on Problems and Prospects of Regulated Markets in Krishnagiri District
9.	Mr. Ravishankar / Dr. S. Ramanath	An Empirical Study on Customer Relationship Management with reference to modern Retail Consumer Markets in Trichy District.
10.	Mr. A. Natherusain / Dr. S. Ramanath	A Study on Commitment of Collegiate Teachers in selected Trichy Colleges.
11.	Mr. M.Gabriel / Dr.R.Sundararaman	A Study on Quality of Work Life Among the Employees of Tamil Nadu State Transport Corporation (TNSTC) With Special Reference to Tiruchirapalli District
12.	Mr.P.Ravichandran/ Dr.R.Sundararaman	Effectiveness of Bank Finance to small scale Industries A Study with special reference to lead bank in Tiruchirapalli District

13.	Mr.A.Chandrasekar/ Dr.R.Sundararaman	A Study on the Job satisfaction of Employees of Private sector Banks in Tiruchirapalli District.
14.	Ms. D.Selvalakshmi/Dr.K.Kumar	A Study on Consumer Preference towards laptop in Tiruchirapalli District.
15.	Ms. B.Vinnarasi/Dr.K.Kumar	A study on the Preference of Investors for selected Mutual funds in Bangalore City
16.	Mr.K.Hariharan/Dr.K.Kumar	Financial Performance Analysis of United India Insurance company Ltd.
17.	Ms. D.Indhumathi/Dr.B.Sekar	Customer Satisfaction towards Services of Life Insurance Corporation of India in Tiruvarur District.
18.	Mr.P.Samimuthu Sait/Dr.B.Sekar	A study on Quality of Work Life in BPO Sector
19.	Ms. R.Vanitha/V.Sekhar	Growth and Characterization of Some Undoped and Doped Amino Acid based semi organic NLO Crystals
20.	Ms. S. Maheswari / Dr. V. Sekhar	The Representation of Emotional Imbalance, Crime and Justice in the Detective Short Stories of Arthur Conan Doyle.
21.	Ms. R. Vijayalakshmi / Dr. T.S. Ramesh	Cultural Crisis Vs culture's Crisis : A Study on the select novels of Bharati Mukherjee and Shobha De.
22.	Mr. C.S. Arun Prabhu / Dr. T.S. Ramesh	The Existential Angst in the Novels of Yasmina Khadra : A Study.
23.	Ms. V. Thamilselvi / Dr. T.S. Ramesh	Woman as Emancipated : Overcoming Praedial Slave in the select Novels of Namita Gokhale, Chitra Banerjee Divakaruni and Githa Hariharan.
24.	Ms. A. Padmavathy / Dr. D.E. Benet	Psycho-Social Aspects of Male Characters in Shashi Deshpande's Novels.
25.	Mr. R. Sivasamandy / Dr. R. Ramesh	Studies on the Texture, Mineralogy and Geochemistry of the Modern Sediments of Kolakkudi Lake, Musiri Taluk, Tiruchirapalli District, Tamilnadu, India.
26.	Mr.R.Ganapathi Subramanian/Dr.S.Selvaraj	Integrated Study of Ground Water Characteristics in Parts of Tirunelveli District, Tamil Nadu, using Hydrogeology, Geochemistry, Geophysics, Remote Sensing and GIS.

27.	Mr. G.Kumar/Dr. D. Srinivasan	Remote sensing and GIS is Hydrogeological and Groundwater Management studies in Kallar watershed, Tamilndu India
28.	Mr. R.Ramanathan / Dr.R.Ramasamy	Synthesis and Characterization of some Doped Nano Metal Oxides – some Applications and comparision with BHasmas For Standardizations
29.	Mr.V.Hariharakrishnan/ Dr.R.Ramasamy	Characterization of Liquid state Using Ultrasonic Viscometric spectro scopic and Acoustical studies in organic solutions.
30.	Mr. B.S.Srikanth/ Dr.R.Ramasamy	Compressibility, Hydration and viscometric studies using ultrasonic and spectroscopic measurements in organic solutions.
31.	Mr. K. Dhanabalan / Dr. A.T. Ravichandran	Investigation on the Role of some Transition Metal Dopants on Certain Physical properties of silar Deposited Cu ₂ O Films for solar cell applications.
32.	Mr. A.Robert Xavier / Dr.A.T.Ravichandran	Investigation on the Structural, Surface, Morphological, Photoluminescence and Antibacterial Efficiency of Zn, Sr,La and SM Doped Cdo Nanopowders.
33.	Mr.A.Judith Jayarani / Dr.A.T.Ravichandran	Growth and Characterizations of Some Nonlinear Optical and Ferroelectric Single Crystals
34.	Mr. V.Natchimuthu / Dr.S.Ravi	Experimental and Theoretical Studies on Fluorination of Some Antiepilepic Drugus Includes Mophology, Transvascular Route, Cytotoxicity, Binding, Docking and Molecular Interactions.
35.	Mr. S.Karunamurthy /Dr.T.Seshayae	Treatment of Type 2 Diabetes Mellitus Through Yoga Evidenced on Psycho Physiological and Bio Medical Parameters
36.	Mr.A.Kalyanasundaram/ Dr.N.Baskaran	Relevance of Periyar E.V.R's Thoughts to the Present Society – A Study
37.	Ms.A.Suganthi/V.Sekhar	Self Individuation Individuality and Independence in the select novels of Gloria Naylor
38.	Mr.S.Mathivanan/ Dr.R.Soundararajan	A Study on the Psychological perspertine on the Portrayal of charaters in select works of Leo Tolstoy

39.	S.Neelakandan/ Dr.R.Soundararajan	Immigrant consciousness in the worker of Rohinton Mistry : A Study.
40.	Ms. C. Muthalagu/ Dr. S. Eswaran	எட்டுத்தொகை இலக்கியங்களில் மனித உரிமைச் சிந்தனைகள்
41.	Ms. C. Yogaramya / Dr. K. Rajarathinam	எட்டுத்தொகை இலக்கியங்களில் மருதநில மக்களின் வாழ்வியல் கூறுகள்
42.	Mr. R. Suresh / Dr. R. Ravichandran	வாலியின் திரையிசைப் பாடல்களில் படைப்பாளுமை
43.	Ms. V. Kamalaveni / Dr. R. Ravichandran	ஜெயகாந்தன் புதினங்களில் விளிம்புநிலை மாந்தர்கள்

List of Research Papers published by the staff and scholars

BIOTECHNOLOGY

1. **M. N. Abubacker** invitro Bioaccumulation - metabolic studies of heavy metals accumulation by aquatic weeds. IJDR Vol.7, Page no. 21-27.
2. **M. N. Abubacker** In vitro phyto-remediation potential of heavy metals by aquatic plants and its combustion process as manure values. Journal of Environment and Biotechnology Research Vol.6, Page no 82-87.
3. **M. N. Abubacker** Genotoxic effect o heavy metals by Allium cepa Bioscience Biotechnology Research Asia, Vol.14, Pageno. 1181-1186.
4. **S. Shantkriti*, S. Senthil Kumar (2018)**: Exploring bacterial systems for docking and aerobicmicroaerophilic biodegradation of textile azo dye. Journal of Water Process Engineering. 22: 180- 191.
5. B. Thiyonila, N. P. Reneeta, M. Kannan, **S. Shantkriti**, M. Krishnan (2018): Dung beetle gut microbes: diversity, metabolic and immunity related roles in host system. International Journal of Scientific Innovations. 1 (2): 84-91.
6. **S. Shantkriti**, T. S. Gnanendra, S.V. Surwase, J. P. Jadhav, S. Senthil Kumar (2017): In silico analysis of bacterial systems for textile azo dye decolorization and affirmation with wetlab studies. CLEAN - Soil, Air, Water. 45 (9): 1600734. (SCI IF-1.473)
7. H. M. Inamul, **S. Shantkriti**, H. A. Amjad, A. T. Iftikhar, I. O. Gideon (2017): Nutritional and biochemical alterations in Vigna Radiata (Mung Bean) seeds by germination. International Journal of Current Microbiology and Applied Sciences. 6 (9): 3307-3313. (IF-4.119)
8. M. Kannan, K. Balakrishnan, N. K. Singh, P. B. Cathrin, **S. Shantkriti**, B. Padmanaban, M. Krishnan (2017): Extraction of genomic DNA from hemolymph of insects by an efficient and quick method. International Journal of Scientific Innovations. 1 (1): 1-6.
9. 6. G. I. Ogu, I. H. Madar, J. C. Okolo, E. M. Eze, **S. Shantkriti**, I. A. Tayubi (2017): Exposure assessment of chicken meat to heavy metals and bacterial contaminations in Warri metropolis, Nigeria. International Journal of Scientific Innovations. 1 (1): 7-14.

10. **S. Shantkriti**, T. Rosemary, K. P. Rao, M.C. Rao (2017): Validation of stability indicating RP-HPLC assay method of Tofisopam in pharmaceutical dosage form. Research Journal of Pharmaceutical, Biological and Chemical Sciences. 8 (2): 841-847. (IF: 0.35)
11. **Dr. S. Gurunathan** (2017) International Journal of Current Research and Review – Stem Cells and Metallothionein – A Review -/13/54-61.

BOTANY

12. Santhanalakshmi Krishnamoorthy, **Natarajan. E, and Muthukumar. B** (2017) Isolation Separation and production of melanin pigment in *Streptomyces sp.* From garden Soil. *International journal of Current Biotechnology*, 5(4)6-13.
13. Santhanalakshmi Krishnamoorthy, **Natarajan. E, and Muthukumar. B** (2017) Fermentative Production of melanin pigment from *Streptomyces griseorubens* DKR4 from agro waste products, *International journal if Applied Research*, 3(3):284-288.
14. K.Kamaleswari and **V.Nandagopalan** (2017). Phytochemical analysis of secondary metabolites on *Pogostemon auricularis* (L.) Hassk. And *Anisomelesmalabarica* (L.) R. BR. ex Sims. *Journal of Pharmacognosy and Phytochemistry*, 6(6): 1942-1945.
15. K. Aadhan, and **S P Anand** (2018). Ethnomedicinal plants utilized by Paliyar's tribe in Sadhuragiri hills, Southern Western Ghats, Tamil Nadu, India. *International Journal of Biology Research* 3(1), 7-15.
16. Aadhan Kamatchi, **Anand Subramaniam Parvathi** (2018). Systematic survey and Ethnomedico of climbing species in the Sadhuragiri hills southern Western Ghats of India. *International Journal of Research in Pharmacy and Pharmaceutical Sciences*. 3(1), 1-18.
17. Deborah, S., **Anand, S. P.**, and Velmurugan, G. (2017). Evaluation of *In vitro* anticancer activity of *Tarenna asiatica* (L.) fruits ethanolic extract against human breast cancer. *International Journal of Herbal Medicine*. 5(5): 110-113
18. **S.P. Anand**, S Deborah and G Velmurugan (2017). Antimicrobial activity, nutritional profile and phytochemical screening of wild edible fruit of *Catunaregam spinosa* (Thunb.) Tirveng. *The Pharma Innovation Journal*. 6(10), 106-109.
19. Deborah, S., and **Anand, S. P.** (2017). *In vitro* Antibacterial activity of *Phoenix loureiroi* KUNTH against selected Gram negative and Gram positive pathogenic bacteria. *International Journal of Scientific & Engineering Research*. 8(7), 1412-1421.

20. Aadhan Kamatchi and **Anand Subramaniam Parvathi (2017)**. Ethnomedico and ethnoeconomic studies of grasses utilization by paliyar's tribal in Sadhuragiri hills, a part of western ghats, Tamil Nadu, India. *World Journal of Pharmacy and Pharmaceutical Sciences*. 6(8), 2478-2491.
21. Tamilselvi, K., **Anand, S. P.** and Doss, A. (2017). Free radical scavenging capacity, antioxidant activity and Phenolic content of *Gardenia latifolia*. *Asian Journal of Science and Technology*. 8(12), 7121-7125.
22. **Anand, S. P.**, Deborah, S. and Velmurugan, G. (2017). Quantitative phytochemical analysis of some edible fruits from Boda and Kolli hills. *Journal of Pharmacognosy and Phytochemistry*, 6(5), 2002-2005.
23. Aadhan, K., and **Anand, S. P. (2017)**. Survey of medicinal plants used for the treatment of diabetes by the Paliyar's Tribe in Sadhuragiri hills, Tamil Nadu, India. *International Journal of Herbal Medicine*, 5(3), 17-25.
24. K Aadhan, and **S P Anand (2017)**. Survey of wild aromatic plants and utilize Paliyar tribes ethnomedicinal of Sadhuragiri hills, southern western Ghats, Tamil Nadu, India. *International Journal of Botany Studies*. 2(6), 18-24.
25. Velmurugan, G. and **S. P. Anand (2017)**. *In vitro* antioxidant activity of *Phyllodium pulchellum* L. Desv - an threatened medicinal plant. *Asian Journal of Pharmaceutical and Clinical Research*. 10(10); 282-285.
26. Velmurugan, G. and **S. P. Anand (2017)**. Phytochemical analysis of *Phyllodium pulchellum* L. Desv. Leaf by UV-visible spectroscopy and FTIR. *International Journal of Pharmacy and Biological Sciences*. 7(3); 61-64.
27. Velmurugan, G. and **S. P. Anand (2017)**. Antifungal Activity and Quantitative Phytochemical Analysis of *Phyllodium pulchellum* L. Desv.- An Important Medicinal Plant. *International Journal of Current Research in Biosciences and Plant Biology*. 4(8); 67-72.
28. Velmurugan, G. and **S. P. Anand (2017)**. *In vitro* regeneration of a threatened medicinal plant *Phyllodium pulchellum* L. Desv. *International Journal of Botany and Research*. 7(4); 61-68.
29. Prabhu.V and **K. Ramar** and Dhinesh. V (2017) *In Vitro* seed germination studies on *Sida schimperianahochst* ex a. Rich. A rare medicinal plant, *International journal of animal and environmental sciences* 7(1):1-3.

30. Prabhu.V and **K. Ramar (2017)** *In vitro* callus induction studies on *Sida schimperiana* Hochst. Ex.A.Rich (Malvaceae) a medicinal plant in Pudukkottai district, Tamil Nadu, International Journal of Sciences & Applied Research.
31. Abinaya.R and **K. Ramar (2017)** *In vitro* culture medium and explant type effect on callogenesis and shoot regeneration in *Crescentia alata* Kunth, Journal of Innovations in Pharmaceutical and Biological Sciences. Vol 4 (4), 73-77, 2017.
32. Sharmila Banu.S and **Ramar. K (2017)**. *In vitro* callus induction studies on *Ipomea sepiaria* an important medicinal plant. International journal of Plant, Animal and Environmental Science.7 (2):62-65.
33. **Shantkriti Srinivasan**, Gnanendra Shanmugam, Swati V. Surwase, Jyoti P. Jadhav, **Senthil K. Sadasivam. 2017**. In Silico Analysis of Bacterial Systems For Textile Azo Dye Decolorization and Affirmation With Wetlab Studies. CLEAN Soil Air Water, 45 (9), 1-16.
34. **Janani, S.**, Asaraf Ali, A.S., Harshini, S. M., Deivasigamani, B., Sampathkumar, P., Senthil Kumar, S. **2017**. Evaluation of toxicity reduction in textile effluent by different treatment protocols involving marine diatom *Odontella aurita* on freshwater fish *Labeo rohita*. Journal of Water Process Engineering, 20, 232–242.
35. **Janani, S.**, Senthil Kumar, S. **2017**. Investigation on the efficiency of common effluent treatment plant on the reduction of textile effluent physicochemical parameters and toxicity. International Research Journal of Environmental Sciences, 6 (12), 1–9.
36. **Janani, S.**, Senthil Kumar, S. **2017**. Efficiency of biological and advanced oxidation process in remediation of textile industry dye bath. Biotechnology International, 10(1), 1–7.
37. **Shantkriti Srinivasan**, Senthil Kumar Sadasivam. **2018**. Exploring docking and aerobic-microaerophilic biodegradation of textile azo dye by bacterial systems. Journal of Water Process Engineering. 22, 180–191.
38. Nithya, K.,**Muthukumar, C.**, Shine, K., Naiyf S. Alharbi, Jamal M. Khaled, Dhanasekaran, D.**(2017)**. Purification, characterization, and statistical optimization of a thermostable α -amylase from desert actinobacterium *Streptomyces fragilis*DA7-7. **3 Biotech**, vol. 7, 350.(**IF: 1.306**) .
39. **Ayyadurai.V** and K. Ramar **(2017)**. *In vitro* Shoot Multiplication Studies on *Solanum pubescens* Willd an Important Antiepileptic Activity Plant. *Archives of Applied Science Research*, 9 (1):31-35.

40. Nithya, K., **Muthukumar, C.**, Biswas, B., Naiyf S. Alharbi, Shine, K., Jamal M. Khaled, Dhanasekaran, D.(2018). Desert Actinobacteria as a source of bioactive compounds production with a special emphases on Pyridine-2,5-diacetamide a new pyridine alkaloid produced by *Streptomyces* sp. DA3-7. **Microbiological Research**, vol. 207, 116-133.(IF: 3.037)
41. **Ayyadurai.V** and K. Ramar (2017). Preliminary Phytochemical Analysis of methanolic leaves extract of *Solanum pubescens* Willd. *Imperial Journal of Interdisciplinary Research*, 3 (1), 1746-1749.

BUSINESS ADMINISTRATION

42. **Dr. P. Subramanian (2017)** – Published article on the topic of consumer satisfaction towards E- Service with reference to selected private sectors banks. ISBN : 9789387102484.

CHEMISTRY

43. **Dr.D.Saravanan , 2017** Synthesis of Mercapto Heterocyclic Derivatives of 1-(4-((4-Chlorophenyl)(phenyl)methyl)piperazin-1-yl)-2-thio-propan-1-one and its Biological Activities, 2017, *Journal of Environmental Nanotechnology* 6(2):90-99
44. **Dr.D.Saravanan, 2017** Tin(IV) cross-linked chitosan for the removal of As(III) , 2017 *Carbohydrate Polymers* 172.
45. **Dr.D.Saravanan, 2017** Synthesis and characterization of 2-[2-(3,5-dialkyl-2,6-diphenylpiperidin-4-ylidene) hydrazinyl]-4-phenylthiazole and 2-[2-(3-alkyl-2,6-diphenylpiperidin-4-ylidene) hydrazinyl]-4-phenylthiazole compounds and their biological activities, 2017, *RESEARCH JOURNAL OF CHEMISTRY AND ENVIRONMENT* 21(5):5-12.
46. **Dr.D.Saravanan, 2017** Synthesis, characterization, crystal structure, in-vitro anti-inflammatory and molecular docking studies of 5-mercapto-1-substituted tetrazole incorporated quinoline derivative, 2017, *Journal of Molecular structures* 1146, 314-323..
47. **Dr.D.Saravanan (Sep 2017)** An Investigation into the formation of impurity during the process development of Sumatriptan Succinate, *International journal of advances in Science Engineering and Technology* vol-5 , spl. Issue -2 Sep 2017 63-66.
48. **Dr. K. Vivekanadan (2017)** Development and validation of GC-FID method for the quantification of N-Iodosuccinimide *Journal of Pharmaceutical, Chemical and Biological Sciences*-5(4), December, 2017.
49. **Dr.L. Pushpalatha (2017)** Kinetics and mechanism of oxidation of maltose by N-Bromonicotinamide, *Journal of Advanced Applied Scientific Research*, 2017

50. **Dr.L. Pushpalatha (2017)** Kinetics and mechanism of oxidation of tartaric acid by N-Chloronicotinamide Journal of Advanced Applied Scientific Research, 2017
51. **Dr. M. Murali** S. Sangeetha and M. Murali, Non-covalent DNA binding, protein interaction, DNA cleavage and cytotoxicity of [Cu(quamol)Cl]·H₂O. International Journal of Biological Macromolecules 107 (2018) 2501–2511.
52. **Dr. V. Renuga** Influence of Mn²⁺ ions on Both Core /Shell of CuInS₂/ZnS Nano crystals Dr.V.Renuga, C.Neela mohan, A.Manikandan, Materials Research Bulletin 98 DOI: 10.1016/j.materrsbuilt .2017.09.067page no:265-274 February 2018.
53. **Dr. V. Renuga** Influence of silver precursor concentration on structural , optical and morphological properties of Cu_{1-x}Ag_xInS₂ semi conductor nanocrystal V.Renuga C.Neelamohan Journal of Alloys and compounds 729, DOI:10.1016/j.jallcom.2017.17.09.078407-417 December 2017
54. **Dr. V. Renuga** Imadazolium based ionic liquids . structure and optical properties influenced by semiconductor metal oxide thin films, V.Renuga, A.Manikandan, C.Neelamohan Journal of Molecular liquids 244 DOI: 10.1016 / j.molliq.2017.06.132,65- 76October 2017.
55. **Dr. S. M. Muhamad Rafiq** Synthesis of Annulated Thiophenes involving Benzo-DMTHFs / Triflic acid-Mediated Domino Reactions Chemistry Select 2017,2, 2578-2582, 2017.

COMMERCE

56. **Dr.M. Sowriyar Duraisamy (2017)** – A Study on Job Satisfaction of employees in Dalmia (B) limited- Dalmiapuram - Self Journal of social science -3.655(CIF) 2.78(IRJIF);2.77 (NAAS) – UGC Approved Journal (46622) (ISSN -2349-1655).
57. **Dr. P. samimuthusait (2018)**- A study on work life Balance among employer of Rane Tiruchirapalli –International Journal & Advance Research in Computer Sciene and management studies Research – International Journal Impact factor 7.327 – ISSN No. 2321-7782.
58. **Dr. P. Samimuthusait (2018)** - A study on Quality of Work life n BPO Sector with reference in Tiruchirapalli – international Journal UGC JR No. 45308 – ISSN No. 2395-5929.
59. **Dr. P. Ravichandran (2018)** - A Relationship between Service quality and CRM practices in commercial Banks – A study with reference Chennai city. – International Journal UGC JR. 45308- ISSN No. 2395-5929 pg. no 94 to 99.

60. **Dr. P. Ravichandran (2018)** - A study on customer satisfaction of banking Services in SBI and IOB in Tiruchirapalli city – International Journal Impact factor-7.327- ISSN No. 2321-7782.
61. **Dr.G. Umapathi (2018)** – A study on problems faced by the street vendor in Dindugal District –UGC -45308 –ISSN No. 2395-5929 page.no 88 to 93.
62. **T. Nandhini (2017)** - A study on the Review of Companies Act 2013 with special reference to Nidhi companies – M-Infiniti – ISSN No. 0973-7197- page no. 55-64.
63. **Dr. V. Rathnamani (2017)** – A study on the review of companies act 2013 with special reference to Nidhi companies –M-Infiniti Journal of Management –ISSN No. 0973-7197.

COMPUTER SCIENCE

- 64.**Dr. P.S. Akila Shri** – Efficient Segmentation Method for Texture images by using SVD- International Journal of Computer Science and Mobile applications – Volume - 4, Issue 4 –page no. 20-27 ISSN No. 2321 -8363.
- 65.**Prof. R. Sasikala (2017)** – Water and aste optimization in Multiple Contaminants Network Using water pinch Technology –International Journal of Research Granthaalayah. ISSN -2394-3629, Vol-5, Issue -8.
- 66.**Prof. R. Sasikala (2017)** – A Comparative Analysis for Smart water resources using data mining tools – International Journal of Research Granthaalayah. ISSN -2350-0530, Vol-5, Issue -8.
- 67.**Prof. A. Umamageswari (2017)** - Sequence gene prediction based on ARN – Asian Journal of research in social sciene and Humanities – Volume -7, Issue -2.

ECONOMICS

68. **Dr. T. Sridhar (2017)** Paper published in Peninsular Economist 2017, Vol: XXXVII, Issue: 1, ISSN: 0976-8270 (Association of Economist) UGC referred Journal
69. **Dr. T. Sridhar (Dec 2017)** Paper published on “Information Technology- An Engine of Economic Growth in The Indian economic Journal (Journal of Indian Economic Association-IEA) UGC referred Journal ISSN: 0019-4662, Held On December 2017.
70. **Dr. T. Sridhar (2017)** Participated and paper presented and published in Edited Book “International conference on India & Global Economy” Published in ISBN (978-3-659-26231-9) held at DG.Vaishnava College Chennai.
71. **Dr. k. Rajesh (2017)** ”Farmers Perspective of Agricultural Economics in Tamil Nadu” SSRG International Journal of Economics and Management Studies (SSRG-IJEMS) – ISSN : 2393-9125 Volume 4, Issue 5, April 2017 – Page No : 71-75.

72. **Dr. k. Rajesh (2017)** “ An Economics Pros and Cons of Goods and Service Tax (GST) in India” SSRG International Journal of Economics and Management Studies (SSRG – IJEMS) – ISSN : 2393-9125 Volume 4, Issue 5, May 2017 – Page No : 71-75.

ENGLISH

73. **Dr. T. S. Ramesh (2017)** The Contours of Feminist desire in Shobha De’s Second Thoughts, *Iranian Journal of Teaching Languages and Literature*, Vol 18:1 & 2(43/44) 2017.
74. **Dr. T. S. Ramesh (2017)** From Margin to Centre: A Study of Enoblement in Shobha De’s Socilaite Evenings: Crossing the Border: *International Journal of Interdisciplinary Studies*, Vol 5, 2. July 2017.
75. **Dr. V. Srividhya (2017)** Employability Trends of Engineering Graduates in Tamil Nadu, *International Education and Research Journal*, Vol 3, No 6, June 2017.
76. **Dr. V. Srividhya (2017)** Exegesis as Exemplification of the Character Tilottama in Chitra Banerjee Divakaruni’s The Mistress of Spices, *The Criterion(An International Journal in English) Vol. 8, Issue 5, October 2017*

GEOLOGY

77. **Dr.N. Jawahar Raj (2017)** – Extraction and analysis of geological lineaments of Kolli hills, Tamil nadu : A Study using remote sensing and GIS.-Arabian Journal of Geosciences.
78. **Dr.N. Jawahar Raj (2018)** – Drainage morphomertic analysis for assessing form and processes of the watersheds of pachamalai hills and its Adjoinings, Cental Tamil Nadu – Applied water science.
79. **Dr.N. Jawahar Raj (2018)** - Lineaments of kodaikanal-palani Massif, Southern Granulitic Terrain of Tamil Nadu – A study Using SRTM DEM and LANDSAT Satellite’s OLI Sensor’s FCC-Geology, Ecology and Landscapes.
80. **Dr.N. Jawahar Raj (2018)** - Mapping and analysis of Tectonic Lineaments of Pachamalai Hills, Tamil Nadu – Using Geospatial Technology –Geology, Ecology and Lanscapes.

MATHEMATICS

81. **Dr. A.Vijayasankar., V.Krithika.,** On a Diophantine Problem, Global Journal for Research Analysis, Vol.6, Iss.5, Pp:550-552, (May 2017).

82. **Dr. A.Vijayasankar.**, V.Krithika., Observations on $x^2 + y^2 + z^2 = w^2$, International Journal of Recent Trends in Engineering and Research, Vol.3, Iss.5, Pp:378-381, (May 2017).
83. **Dr. A.Vijayasankar.**, V.Krithika., On the binary quadratic equation $x^2 - 18xy + y^2 + 32x = 0$, International Journal of Emerging Technologies in Engineering Research, Vol.5, Iss.7, Pp:71-75, (July 2017).
84. **Dr. A.Vijayasankar.**, V.Krithika., Integral solutions of non-homogeneous quintic Diophantine equation with five unknowns $3(x^4 - y^4) = 26(z^2 - w^2)p^3$, International Journal of Research – Granthaalayah, Vol.5, Iss.8, Pp:25-33, (August 2017).
85. **Dr. A.Vijayasankar.**, V.Krithika., On the Sextic Diophantine equation with five unknowns $2(x+y)(x^3 - y^3) = 61(z^2 - w^2)p^4$, Asian Journal of Applied Science and Technology, Vol.1, Iss.7, Pp:21-24, (August 2017).
86. **Dr. A.Vijayasankar.**, V.Krithika., Three sequences of Special Dio Triple, Research Inventy : International Journal of Engineering and Science, Vol.6, Iss.9, Pp:50-55, (September 2017).
87. **Dr. A.Vijayasankar.**, V.Krithika., Integral solutions of non-homogeneous quintic Diophantine equation $x^3 + y^3 = 2z^5$, Bulletin of Mathematics and Statistics Research, Vol.5, Iss.3, Pp:84-87, (July- September 2017).
88. **Dr. A.Vijayasankar.**, V.Krithika., On the binary quadratic equation $ax^2 - (a+1)y^2 = a$, World Journal of Engineering Research and Technology, Vol.3, Iss.5, Pp:473-479, (September 2017).
89. **Dr. A.Vijayasankar.**, V.Krithika., On ternary cubic Diophantine equation $2(x^2 + y^2) - 3xy = 56z^3$, World Wide Journal of Multidisciplinary Research and Development, Vol.3, Iss.11, Pp:6-9, (November 2017).
90. **Dr. A.Vijayasankar.**, V.Krithika., On the Hyperbola $2x^2 - 3y^2 = 15$, Indo – Iranian Journal of Scientific Research, Vol.1, Iss.1, Pp:144-153, (December 2017).
91. **Dr. A.Vijayasankar.**, V.Krithika., On the cubic Diophantine equation with four unknowns $x^2 - y^2 = z^3 - w^3$, International Journal of Scientific Progress and Research, Vol.43, Iss.122, Pp:62-66, (January 2018).
92. **Dr. A.Vijayasankar.**, V.Krithika., On Bi-quadratic Diophantine equation with three unknowns $7(x^2 - y^2) + x + y = 8z^4$, International Journal of Advanced Scientific and Technical Research, Vol.1, Iss.8, Pp:52-57, (January 2018).

93. **Dr.Manju Somanath, K. Raja**, “Gaussian Integer Solutions of an Infinite Elliptic Cone $5X^2 + 5Y^2 + 9Z^2 + 46XY - 34YZ - 22XZ = 0$ ”, International Journal of Science and Research (IJSR), Volume 6 Issue 5, May 2017, pp. 296 - 299.
94. **Dr.Manju Somanath, K. Raja**, “Lattice Points of A Cubic Diophantine Equation $11(x + y)^2 = 4xy + 44z^3$ ”, International Journal for Research in Applied Science and Engineering Technology (IJRASET), Vol. 5 Issue V, May 2017, pp. 1797 - 1800.
95. **Dr.Manju Somanath, K. Raja**,“ Gaussian Integer Solutions of an Infinite Elliptic Cone $73x^2 + 70xz + 73y^2 + z^2 = 54y(3x + z)$ ”, International Journal of Modern Trends in Engineering and Research (IJMTER), Volume 4, Issue 7, July 2017, pp . 45 - 48.
96. **Dr.Manju Somanath, K. Raja** , “Exponential Diophantine equation in three variables $7^x + 7^{2y} = z^2$ ”, International Journal of Engineering Research – Online(IJOER), Volume .5, Issue 4, July – August 2017, pp. 91- 93.
97. **Dr.Manju Somanath, K. Raja** , “Solutions of Pell’s Equation Involving star Primes”, International Journal of Engineering Science and Mathematics (IJESM), Volume. 6, Issue: 4, August 2017, pp. 96 – 98.
98. **Dr.Manju Somanath, K. Raja**, “Exponential Diophantine Equation in Two and Three Variables”, Global Journal of Pure and Applied Mathematics (GJPAM), Volume 13, Special Issue No. 5, September 2017, pp. 128 – 132
99. **Dr.Manju Somanath, K. Raja**, “On Polynomial Solutions of Quadratic Diophantine Equation”, International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET), Volume 6, Issue 9, September 2017, pp .18351 - 18355.
100. **Dr.Manju Somanath, K. Raja** and V. Sangeetha “On The Integer Solutions of the Pell Equation $x^2 = 17y^2 - 19t$ ”, JP Journal of Applied Mathematics, Volume: 15, Issue: 2, September 2017 pp. 81 – 88.
101. **Dr.Manju Somanath, K. Raja**, “On Polynomial Solutions of Quadratic Equation”, International Journal of Mathematics and its Applications (IJMAA), Volume 5, Issue: 5, No. 4 - F, December 2017, pp. 839 – 844.
102. **Dr.Manju Somanath, K. Raja**, “On the Positive Integer Solutions for a Diophantine Equation”, Journal of Mathematics and Informatics, Volume 10, December 2017, pp. 173 – 177.

103. **Dr. Manju Somanath, K. Raja**, “Construction of A Parametric Family of Diophantine Triples in Integers”, Indian Journal in Number Theory , January 2018, pp. 01 -05.
104. **Dr. T. Siva Subramania Raja** New nano generalized classes of $\tau R^{(X)}$ Global Journal of Pure and Applied Mathematics ISSN 0973-1768 Volume 13, Number11 (2017)
105. **Dr. T. Siva Subramania Raja** On Nano πgp -closed Sets Journal of New theory ISSN 2149-1402 , Number19 (2017) Pages20-26
106. **K. Srividhya** Mean time to Recruitment for a Multi Grade Manpower System with Single Threshold, Single source of depletion when Inter policy Decisions form an order statistics. IOSR(Journal of Mathematics)pg.No.33-38,e-ISSN:2278-5728,Volume 13,Issue 3(Version I),p-ISSN:2319-765X.(may-june 2017)
107. **K. Srividhya** Mean time to Recruitment for a Multi Grade Manpower System with Single Threshold, Single source of depletion when Inter policy Decisions form a Geometric Process.International Journal of Mathematics Trends and Technology (IJMTT) – Volume 45Number 1- May 2017,P-ISSN;2349-5758,e-ISSN:2231-5373,Pg.No.1-5.
108. **K. Srividhya** Mean time to Recruitment for a Multi Grade Manpower System with Single Threshold, Single source of depletion when Wastages form a Geometric process and Inter policy Decisions forms ordinary Renewal Process , an order statistics. International Journal of Science and Research (IJSR) ISSN(online): 2319-7064,volume 6 ,issue 10,October 2017,Pg.No.1705-1709.
109. **K. Srividhya** Mean Time to Recruitment for a Multi grade Manpower System with Single Threshold, Single Sources of Depletion When Wastages form a Geometric process and Inter Decision time form Geometric process, correlated. International journal of Research in Applied Science and Engineering Technology (IJRASET), ISSN (online):2321-9653,volume 5,IssueX,October 2017,Pg.No.1949-1955.
110. **K. Srividhya** Mean Time to Recruitment for a Multi Grade Manpower System with Single Threshold, Single Source of Depletion when Wastages form an Order Statistics. International Journal of Current Research and Modern Education (IJCRME):Online:ISSN:2455-5428,Special Issue ,July 2017,Pg.No.30-37.

111. **K. Srividhya** Mean time to Recruitment for a Multi Grade Manpower System When Wastages are correlated. International journal of Innovative Research in Science and Engineering and Technology (IJIRSET), Volume 6, Issue 8, August 2017, Pg.No. 17551-17561.
112. **K. Srividhya** Mean Time to Recruitment For A Multi Grade Manpower System with Two Sources of Depletion When the Breakdown Threshold Distribution Follows SCBZ Property.(IJIRAS)International Journal of Innovative Research and Advanced studies. Vol 4, issue 11, November 2017, ISSN :2394-4404.
113. **K. Srividhya** Mean Time to Recruitment for a multi Grade Manpower System with Two Sources Of Depletion When Wastages form an Order Statistics and Breakdown Threshold Distribution Follows SCBZ Property.(JAMAL presented) and annals of pure and applied mathematics , Vol.15.no.2,2107 ,357-373,Issn :2279-087X ,Dec 2017
114. **K. Srividhya** Mean time to recruitment for a multigrade manpower system with two sources of depletion and constantly correlated inter-policy decision times when the breakdown threshold distribution follows SCBZ property.(S.A Engineering College, Chennai)and international journal of pure and applied mathematics, volume 118 ,no.10, 2018,211-222,ISSN-1311-8080(printed version),ISSN -1314-3395(online version)
115. **C. Gurubaran** Split and Non-Split Domination Number in Bipolar Fuzzy Graph, Annals of Pure and Applied Mathematics, Vol. 15, No.1, 2017, 115-121.

PHYSICS

116. **Dr. S. Pari (2017)** – Optical and electrical properties of glycine manganese chloride crystal – Physica B: Condensed Matter.
117. **Dr. A. T. Ravichandran (2017)** – Uniform and Well – Dispersed ZnO:Fe Nanoparticles with High Photoluminescence and Antibacterial properties prepared by Soft Chemical Route.
118. **Dr.A.T. Ravichandran (2018)** Synthesis, growth and characterization of L-Phenylalaninium methanesulfonate nonlinear optical single crystal – Journal of Molecular Structure, 1155, pp 758-764, March 2018.
119. **Dr.A.T. Ravichandran (2017)** Effect of Co doped material on the structural, optical and magnetic properties of Cu₂O thin films by SILAR technique – journal of Materials Science: Materials in Electronics.
120. **Dr.A.T. Ravichandran (2017)** – Influence of Sm doped ZnO nanoparticles with enhanced photoluminescence and antibacterial efficiency – Journal of Materials Science : materials in Electronics.

121. **Dr.T.V. Sundar (2017)** - FTIR and SHG Studies on STS doped KDP Crystal – Published a paper in the International Conference on Materials, Emerging Devices and Energy Efficient Technologies (MEETCON ‘ 17), (2017) ISBN : 13978-81-927227-0-2.
122. **Dr. S. Ravi – (2017)** Influence of Perfluoroarbons on Carbamazepine and Benzodiazepine for a Neuro – Lung Protective Strategy – Journal of Clinical Neuroscience.
123. **Dr. R. Ramasamy (2017)** – Vibrational assignments of FT-IR and FT-Raman spectra of adenine – Elixir International Journal.
124. **Dr. R. Ramasamy (2017)** – FT- IR and FT_ Raman spectral analysis of 2 – methyl naphthalene – Elixir International Journal.

TAMIL

125. **Dr. A. Muruganatham (2017)** Shanlax, Madurai – Kamban
126. **Dr. P. Padma (2017)** – Tamizhaaivu sangamam, Trichy – Ara Ilakkiyam – December 2017.
127. **Dr.P. Padma (2018)** – Thinaithazhi, Nagercoil – Matru Thiranaali – March, 2018.
128. **Dr. K. Bhuvanewari (2017)** – Tamizhaaivu sangamam, Trichy – Unavu – December 2017.
129. **Dr. J. Bhuvanewari (2017)** - Tamizhaaivu sangamam, Trichy – Kurunji Nilam – December 2017.

ZOOLOGY

130. **M. Boominathan, 2017.** Influences of salinity on commercial clams of Uttara Kannada estuaries. *Scientific Transactions in Environment and Technovation.* 10, 117-121.
131. **S. Thangaraj, 2017.** Biological activities of Marine sponge *Callyspongia diffusa* (Ridley, 1884) collected from Mandapam coast. *J. Sci. Trans. Environ. Technov.,* 10(3):113-116.
132. **A. Stalin, V. Gokula and B. Amanullah, 2017.** Effect of chlorpyrifos on biochemical changes in freshwater mussel *Lamellidens marginalis*. *Inter. J. Appl. Res.,* 3(8): 157-159.
133. **P. K. Ramasamy, C. Murthy, V. Gokula K. Govindaraj and T. Manikandan, 2017.** Comparative Study on the antibacterial activity in the coelomic fluid of *Eudrilus eugeniae* (Kinberg, 1867) and *Polypheretima elongata* (Perrier, 1872). *Elixir. Appl. Zool.,* 104: 45989-45995.

134. **Priya Ganesan** and Saravanan Kaliyaperumal. 2017. Evaluation of Antiovolatory activity of *Thespesia populnea* (L.) bark in albino rat model. Journal of Pharmacy Research, 11 (11): 1341-1346.
135. Karuppannan, P., Saravanan, K., and **Priya, G.** 2017. Green Synthesis and Characterization of silver nanoparticles using medicinal plant *Ventilago maderaspatana* (Red Creeper). Recent Progress in Phytochemistry and Pharmacognosy, Science & Commerce, Dr. BGR Publications, Thoothukudi, Tamil Nadu. 12-19.
136. **Krishnaveni A** and K. Prabhakaran, 2017. Alu Insertion / Deletion Polymorphism in Four Tribes of South India. International Journal of Human Genetics. 15(2) 81 – 87.

List of staff who attended Conference / Seminars

BIO TECHONOLGY

1. **M. N. Abubacker** Wound healing activity of ethanolic extract of *Lepidagathis cristata*, Willd. (Acanthaceae) in Wistar albino rats at [abstract]. In: Proceedings of National Conference on Advances and Innovations in Biotechnology (NCAIB); 2018 Feb 19-20; Tiruchirappalli. Dept. of Biotechnology: National College; 2018. pp. 5.
2. **M. N. Abubacker** Degardation potential and nutrient recycle of fungal species from *Pinus radiate* and *Eucalyptus globus* collected from virgin forest ecosystem of Doddabetta belt of Nilgiris [abstract]. In: Proceedings of National Conference on Advances and Innovations in Biotechnology (NCAIB); 2018 Feb 19-20; Tiruchirappalli. Dept. of Biotechnology: National College; 2018. pp. 1.
3. **M. S. Mohamed Jaabir** Synthesis and evaluation of 4- carbamothioyl phenyl 2-hydroxy benzoate (CTPHB) as a novel antifolate drug at International conference on innovations in pharma and Biopharma industry(2017) at University of Hyderabad.
4. **M. S. Mohamed Jaabir** Impact of maternal micronutrient deficiency on progression of attention deficit hyperactivity disorder (ADHD) in rat model at International conference on innovations in Pharma and Biopharma industry (2017) at University of hydrabad.
5. **M. S. Mohamed Jaabir** Chitosan stabisized gold nanoparticles and their anticancer activities at International conference on Bioscience and Bioinformatics, Bharathiar University, Coimbatore.
6. **M. S. Mohamed Jaabir** Anti – Cancer effect of black pepper extracts on human lung cancer cell line held at International Conference on Bioscience and Bioinformatics, Bharathiar University, Coimbatore.
7. **M. S. Mohamed Jaabir** Effect of Chromium (VI) on human lung cancer cell line A549 held at International Conference on Bioscience and Bioinformatics, Bharathiar University, Coimbatore.
8. **M. S. Mohamed Jaabir** Bioinformatic analysis of metallothionein gene from Homosapiens held at International Conference on Bioscience and Bioinformatics, Bharathiar University, Coimbatore.

9. **S. Shantkriti**, G. Ganapathy. Production of value added products from food wastes [abstract]. In: Proceedings of National Conference on Advances and Innovations in Biotechnology (NCAIB); 2018 Feb 19-20; Tiruchirappalli. Dept. of Biotechnology: National College; 2018. pp. 8.
10. **S. Shantkriti**. Application of Bioinformatics in Bioremediation [abstract]. In: Proceedings of National Conference on Advances and Innovations in Biotechnology (NCAIB); 2018 Feb 19-20; Tiruchirappalli. Dept. of Biotechnology: National College; 2018. pp. 12.
11. **S. Shantkriti**, S. Senthil Kumar. Exploring potential of *Lysinibacillus sphaericus* for biodegradation of textile azo dyes [abstract]. In: Proceedings of the International Seminar on Biology for Sustainable Development (ISBSE); 2017 Mar 7-8; Tiruchirappalli. Dept. of Environmental Biotechnology: Bharathidasan University; 2017. pp. 32.
12. **S. Shantkriti**, S. Senthil Kumar. In-silico and in-vitro approach for bacterial biodegradation of textile azo dye [abstract]. In: Proceedings of the National Workshop on Environmental Health and Safety Management (NWESHM); 2017 Mar 9-10; Tiruchirappalli. Dept. of Environmental Management: Bharathidasan University; 2017. pp. 67-68.
13. **G. Ganapathy** Production of value added products from food wastes [abstract]. In: Proceedings of National Conference on Advances and Innovations in Biotechnology (NCAIB); 2018 Feb 19-20; Tiruchirappalli. Dept. of Biotechnology: National College; 2018.
14. **G. Ganapathy** A Phytochemical and Ethnobotanical study of *Zingiber* species [abstract]. In: Proceedings of National Conference on Advances and Innovations in Biotechnology (NCAIB); 2018 Feb 19-20; Tiruchirappalli. Dept. of Biotechnology: National College; 2018.
15. **S. Sankaramanivel** Synthesis and evaluation of 4-carbamothioyl phenyl 2-hydroxy benzoate (CTPHB) as a novel antifolate drug at International conference on innovations in Pharma and Biopharma industry (2017), University of Hyderabad.
16. **S. Sankaramanivel** Impact of maternal micronutrient deficiency on progression of attention deficit hyperactivity disorder (ADHD) in rat model at International conference on innovations in Pharma and Biopharma industry (2017), University of Hyderabad.

17. **S. Sankaramanivel** Chitosan stabilized gold nanoparticles and their anticancer activities at International conference on Nanotechnology, IIT Madras
18. **S. Sankaramanivel** Anti-cancer effect of black pepper extracts on human lung cancer cell line held at International conference on Bioscience and Bioinformatics, Bharathiar University, Coimbatore.
19. **S. Sankaramanivel** Effect of Chromium(VI) on human lung cancer cell line A549 held at International conference on Bioscience and Bioinformatics, Bharathiar University, Coimbatore.
20. **S. Sankaramanivel** Bioinformatic analysis of metallothionein gene from *Homo sapiens* held at International conference on Bioscience and Bioinformatics, Bharathiar University, Coimbatore.
21. **Dr. S. Gurunathan** attended Seminar – Emerging Frontiers in Plant Sciences – Periyar EVR College, Trichy – 23.08.2017 & 24.08.2017.

BOTANY

22. **Dr. K. Ramar** Participated and presented a paper entitled on “Anatomical and Histochemical Studies on Banana” at International Multi-Conferences on Information Technology, Electrical electronics, Agriculture, Mechanical, Medical and management (IE2AM3-2K18) on 14 to 16 January 2018, Bangkok, Thailand.
23. **Dr. S. Senthil Kumar** Presented a research paper titled “*Spatio-temporal Dynamics of Bacterial communities in response to marine transgressions and regressions occurred from late Pleistocene*” at the 5th PAGES OSM meeting, Zaragoza, Spain, 2017
24. **Dr. S. Senthil Kumar** Presented a paper entitled “ Collection and Reuse of AC water condensate” at the two days International conference on Environment, Health and Policy Nexus (ICEHPN -2017) organized by the department of Life Sciences, Jagadguru Sri Shivarathreeswara University, Mysuru on 27th -28th July 2017.
25. **Dr. S. Senthil Kumar** Presented a paper entitled “Elucidation of degradative pathway of textile azo dyes by a novel bacterial isolate” at the Two days National seminar on Recent Advances in Microbial Technology for Renewable Energy, Bioremediation, Health and Sustainable Agriculture (RAMT for REBHSA -2018) organized by the Department of Microbiology, Periyar University, Salem in January 2018.

26. **Dr. S. Senthil Kumar** Presented a paper entitled “Bioremediation of textile effluent polluted soil through vermicomposting” at the Two days National seminar on Recent Advances in Microbial Technology for Renewable Energy, Bioremediation, Health and Sustainable Agriculture (RAMT for REBHSA -2018) organized by the Department of Microbiology, Periyar University, Salem in January 2018.
27. **Dr. S. Senthil Kumar** Presented a paper entitled “Combined biological and photocatalytic process for the treatment of textile dye waste water” at the National Seminar on Contemporary Advances in Biotechnology (NSCAB- January 2018), organized by the department of Biotechnology, Mahendra Arts and Science College (Autonomous), Tiruchengode.
28. **Dr. S. Senthil Kumar** Presented a paper entitled "Extraction of water from air", at the International Seminar on Novel Avenues in Environmental Issues and Protection (BIOENVIRON-18) organized by the School of Biosciences, Marudupandiyar College (Autonomous), Thanjavur on 15th and 16th of February, 2017.
29. **Dr. S. Senthil Kumar** Presented a poster entitled “Extraction of water at Zero Energy Expenditure” under the theme "Biodiversity and Environment" at Sensitizing Youth to Flagship Programs of Government (SYPOG) in the prestigious India International Science Festival (IISF) event held at Chennai from 13th to 16th October, 2017.

BUSINESS ADMINISTRATION

30. **Prof. R. Natarajan** 19.8.2017 to 20.8.2017 participated National level Workshop on “Multivariate Analysis using SPSS & AMOS” organized by Department of management studies, Kongu Engineering college, Erode.
31. **Prof. R. Natarajan** Participated Three days (February 1-3 2018) Workshop on “Applied Econometrics using Eviews” conducted by Economics in association with the Indian Econometric society (TIES) at Farook college, Kozhikode, Kerala.
32. **Prof. R. Natarajan** Participated Two-day workshop on “Time-Series and Panel Data Econometrics” organized by XIME on 23 & 24 February, 2018 at XIME campus, Bangalore.

CHEMISTRY

33. **Dr. SUNITHA.S** participated in a One-day National Seminar on RECENT ADVANCES IN MATERIAL CHARACTERIZATION in PG and Research Department of Physics, National College, (Autonomous) Tiruchirappalli -620 001 on 02-03-2018

34. **Dr.V.RENUGA** attended a one-day National Seminar on Recent Advances in Material Characterization at PG and Research Department of Physics ,National College,(Autonomous),Trichy on 2-3-2018.
35. **Dr.L.Pushpalatha**, P.R.Baskaran, K.Saratha Kinetics and mechanism of oxidation of maltose by N-Bromonicotinamide, International Conference on Chemical and Environmental Research, Department of Chemistry, Jamal Mohamed College, Trichy, on 07 January, 2017.
36. **Dr.L.Pushpalatha** ,P.R.Baskaran ,K.Saratha Kinetics and mechanism of oxidation of tartaric acid by N-Chloronicotinamide, International conference on Chemical and Environmental Research ,Department of Chemistry,Jamal Mohamed college, Trichy, on 07 January, 2017.
37. **Dr.L.Pushpalatha**, T.Nithya, Kinetics and mechanism of oxidation of tartaric acid by N-Chloronicotinamide (NCN) perchloric acid medium, (NCRACRIA), National Conference on Recent Advances, in Chemistry Research and Applications, Department of Chemistry, St.Joseph's College ,Trichy on January 2017.
38. **Dr.M. Murali**, MCM-41 anchored schiff-base manganese(II) complex: An efficient and reusable catalyst for selective oxidation of hydrocarbons. 23rd National Symposium on Catalysis, January 17-19, 2018.
39. **Dr.M. Murali**, Mononuclear Copper(II) Complexes as Models for Type-2 and Type-3 Copper Oxidases: Synthesis, Structure and Catalytic Properties. 22nd CRSI National Symposium in Chemistry, February 2-4, 2018.
40. **Dr. M. Murali, S. Sangeetha** and Dr. M. Murali, Superior Cytotoxic Copper (II) Complexes of Pyridylaldimines and 1,10-Phenanthroline: DNA Binding, BSA Interaction and Potent DNA Cleavage. 22nd CRSI National Symposium in Chemistry, February 2-4, 2018.
41. **Dr.S.ARUN PRABHU** participated in 3rd National Seminar on 'Advanced Oxidation Processes' (AOP2017) Organized by :Department of Chemistry, Bharathidasan Institute of Technology, Anna University,Trichy-24 on 18/12/2017 and 19/12/2017.
42. **Dr.S.ARUN PRABHU** Participated in International Conference on' Frontiers in Advanced materials and their Applications"(FAMA 2018) Organized by Department of Chemistry, Bishop Heber College,Trichy-17.

43. **Dr. I. AROCKIARAJ** Surface film-pore diffusion modelling for sorption of Acid dye onto one and three dimensional nanostructured carbon materials from *Jatropha curcas*, National seminar on modern trends in chemistry, organised by the Department of chemistry on 20th December 2017 at Sengamala Thayaar Educational Trust Women's College, Mannargudi.
44. **Dr. I. AROCKIARAJ** Design of Amperometric methanol sensor using the blood of Pt/C with La Ru_{0.2} Ag_{0.6} Cr_{0.2} O₃, National seminar on modern trends in chemistry, organised by the Department of chemistry on 20th December 2017 at Sengamala Thayaar Educational Trust Women's College, Mannargudi.
45. **Dr. I. AROCKIARAJ** Experimental and theoretical studies of expired antibiotic drug quinurenic acid as green corrosion inhibitors for copper in acidic chloride, National Conference on Science & Engineering, NCSETM 2K18, held on 25th January 2018 at Annapoorna Engineering College, Salem.
46. **MS. K. KAVITHA** Green synthesis and spectral studies of 1,5-diketones catalyzed by sodium ethoxide, National seminar on modern trends in chemistry, organised by the Department of chemistry on 20th December 2017 at Sengamala Thayaar Educational Trust Women's College, Mannargudi.
47. **Dr. M. ESSAKIAMMAL** Green approach for synthesis of Lithium doped ZnO nanoparticles from *Senna auriculata* leaf extract, National seminar on modern trends in chemistry, organised by the Department of chemistry on 20th December 2017 at Sengamala Thayaar Educational Trust Women's College, Mannargudi.
48. **MRS. G. BANU KARTHI** Surface film-pore diffusion modelling for sorption of Acid dye onto one and three dimensional nanostructured carbon materials from *Jatropha curcas*, National seminar on modern trends in chemistry, organised by the Department of chemistry on 20th December 2017 at Sengamala Thayaar Educational Trust Women's College, Mannargudi.
49. **MRS. G. BANU KARTHI** Design of Amperometric methanol sensor using the blood of Pt/C with La Ru_{0.2} Ag_{0.6} Cr_{0.2} O₃, National seminar on modern trends in chemistry, organised by the Department of chemistry on 20th December 2017 at Sengamala Thayaar Educational Trust Women's College, Mannargudi.
50. **Dr. D. Saravanan** World Environmental Congress 10 th - 12 th January 2018 at The Art of Living –Bangalore
51. **Dr. D. Saravanan** International Conference on Medical, Biological and Pharmaceutical Sciences (ICMBPS) Bali, Indonesia 13th-14th July, 2017

COMMERCE

52. **T. Nandhini** Paper presented on (2017)- GST and its Impact on service sector- National college-04.10.2017.
53. **T. Nandhini** Paper presented on (2017) – A study on the review of companies act 2013 with special reference to Nidhi. – Sai ram Institute of management studies – 21.09.2017.

COMPUTER SCIENCE

54. **Y.Priya**, Assistant Professor, Department of Computer Science, Published International Paper on “**Voice Based Smart Cane For Blind People Using GPS Tracking**” in International Conference On Trends and Advancement in Computer Technology.
55. **Dr. P. S.S. Akilashri** – Participated One day International Workshop on –“World Class Curriculum Design for Computer Science” – Bharathidasan University, Trichy.
56. **Prof. R. Sasikala** Participated One day International Workshop – “World Class Curriculum Design for Computer Science” – Bharathidasan University, Trichy.
57. **Prof. M. Umamaheswari, B. Mahalakshmi, M. SaranyaKala** – Attended a three days faculty Development Program - “Predictive Analysis” – Joseph’s Institute of Management, Trichy.
58. **Prof. M. Umamaheswari, B. Mahalakshmi, M. SaranyaKala** – Attended a two days faculty Development Program - “Grid and Cloud Computing Laboratory” – PSNA College of Engineering and Technology, Coimbatore.

ECONOMICS

59. **Prof. K. Elango (2017)** Participated and presented paper in the National level seminar “Impact of Foreign Direct Investment” held on 4th& 5th Oct’ 2017. Organized by the Department of economics, National College (autonomous), Tiruchirappalli.
60. **Dr.T. Sridhar (2017)** Participated and presented paper FoodSecurity – Issues and Challenges Associate of Economist of Tamilnadu (AET) Annual conference 28th& 29th Oct2017.
61. **Dr.T. Sridhar (2017)** Participated and presented paper“Functions of Public Distribution System in Tamilnadu. (AET) Annual conference 28th& 29thOctober 2017.
62. **Dr.T. Sridhar (2017)** Participated and presented paper in the National level seminar “Goods and Services Tax(GST) – PROS AND CONS” held on 4th& 5th Oct’ 2017. Organized by the Department of economics, National College (autonomous), Tiruchirappalli

63. **Dr. S. Thirumaran (2017)** Participated and Presented a papers on “Impact of Demonitiation in Indian Economy”, in the XXX VIII Annual conference, association of economists of tamilnadu on 28th& 29th October 2017 at Mannar Thirumalai Naickar college, Madurai.
64. **Dr. S. Thirumaran (2017)** Participated and presented paper in the National level seminar “Goods and Services Tax (GST) – PROS AND CONS” held on 4th& 5th Oct’ 2017. Organized by the Department of economics, National College (autonomous), Tiruchirappalli.
65. **Dr. N. Renganayaki (2017)** Participated and presented paper intheNationallevel seminar “A study on the impact of GST on common man” held on 4th& 5th Oct’ 2017. Organized by the Department of economics, National College (autonomous), Tiruchirappalli.
66. **Dr. N. Renganayaki (2017)** Participated and Presented a paper on “The functioning of public distribution system in Tamilnadu”, in the XXX VIII Annual conference, Association of Economists of Tamilnadu on 28th& 29th October 2017 at Mannar Thirumalai Naicker college, Madurai.
67. **Dr. N. Renganayaki (2017)** Participated in the UGC – Sponsored refresher course in Humanities from 08.11.2017 to 28.11.2017,organised by the departments of Tamil & English, Bharathidasan University, Tiruchirappalli.
68. **Dr. k. Rajesh (2017)** Participated and Presented a paper on “A study on Economic Impact of Tourism in Tiruchirappalli District” in the XXX VIII Annual conference, Association of Economists of Tamilnadu on 28th& 29th October 2017 at Mannar Thirumalai Naicker college, Madurai
69. **Dr. K. Iyna (2017)** Participated and Presented a papers on “An Economic Study on spice food withspecial Reference to Multiplier onion in Dindigul District.”, in the XXX VIII Annual conference, association of economists of tamilnadu on 28th& 29th October 2017 at Mannar Thirumalai Naickar college, Madurai.
70. **Dr. K. Iyna (2017)** Participated and presented paper in the National level seminar “Impact of goods and services tax in Agricultural Sector” held on 4th& 5th Oct’ 2017. Organized by the Department of economics, National College (autonomous), Tiruchirappalli.

71. **Dr. A. Ayyamperumal (2017)** Participated and presented a paper in international seminar GST & ITS Implications at Cross country entitled “A Synoptic cook of Goods and Services Tern in India”. Held on 6th September 2017. Organised by Department of Commerce, Urumu Dhanalakshmi College, Tiruchirappalli.
72. **Dr. A. Ayyamperumal (2017)** Participated and Presented a papers on “A Key Challenges in Education sector in India Realistic Approach”, in the XXX VIII Annual conference, association of economists of tamilnadu Held on 28th & 29th October 2017 at Mannar Thirumalai Naickar college, Madurai.
73. **Dr. A. Ayyamperumal (2017)** Participated and presented paper National level seminar “**Current Impact of Goods and Service Tax (GST) stream on Indian Economy** ” held on 4th & 5th Oct’ 2017. Organized by the Department of economics, National College (autonomous), Tiruchirappalli.
74. **Dr. P. JayaKumar (2017)** Participated and Presented a paper on “Demonetisation and its impact on Indian Economy”, in the XXX VIII Annual conference, Association of Economists of Tamilnadu on 28th & 29th October 2017 at Mannar Thirumalai Naicker college, Madurai.
75. **Dr. P. JayaKumar (2017)** Participated and presented a paper on “Make in India”, in the XXX VIII Annual conference, Association of Economists of Tamilnadu on 28th & 29th October 2017 at Mannar Thirumalai Naicker college, Madurai.
76. **Dr. P. JayaKumar (2017)** Participated and presented paper on GST and its impact on Dairy sector” in the National level seminar, Organized by the Department of economics, National College (autonomous), Tiruchirappalli. held on 4th & 5th Oct’ 2017.
77. **Thiru. G. Ragunath (2017)** Paper presented on “*Foreign Direct Investment on Textile Sector in India: An Overview*”, National Seminar on “FDI and Indian Economy: Opportunities and Challenges”, Organized by Gandhigram Rural Institute, Dindigul, during 09th & 10th March, 2017.
78. **Thiru. G. Ragunath (2017)** Paper presented on “*Impact of GST on Textile Industry in India*”, National Seminar on “GST and its Impact”, organized by Department of Economics, National College, Tiruchirappalli, during 4th & 5th October, 2017.

English

79. **Dr. V. Srividhya** presented a paper titled –Stories embedded as duplication of reality in chitra banerjee divakarani’s sister of my heart – National Seminar Organised – Seethalakshmi ramaswamy college – UGC approved Journal No. 46791.

HISTORY

80. **Dr. P. Parimala Sekar**, attended one day National Seminar on **Iandhinaikkadavulgal** at sculpture Department, Tamil University, Tanjore on 15.03.2017.
81. **Dr. P. Parimala Sekar**, attended Two days National Workshop on Recent Trends in India's Relations with East and South Asian Countries at Bishop Heber College, Trichy.
82. **Dr. P. Parimala Sekar**, attended one day National Seminar on British rule in Tiruchriapalli (1801-1947 A.D.) at Jamal Mohamed College, Trichy.
83. **Dr. P. Parimala Sekar**, attended one day National Level workshop on "Historical research methodology" at Bishop Heber College, Trichy.

PHYSICS

84. **Dr.S.Muruganantham** Attended the "one day workshop on XRD Techniques" organized by National College Instrumentation Facility on 16.02.2017.
85. **Dr.M.Iyanar** Attended the "one day workshop on XRD Techniques" organized by Na
86. **Dr. S. Pari** Asia Pacific Academy of Materials Special Lecture Series MRSI – Trichy Chapter, Bharathidasan University, 13-12- 2017, S.Pari, G.Kanagan, G.Satheesh Kumar
87. **Dr. S. Pari** International Conference on Recent Trends in Material Science and Its Application,UrumuDhanalakshmi College, Trichy, 21-082017, G.Satheesh Kumar, G.Kanagan, G.Govindharajan S.Pari.
88. **Dr. S. Pari** International Conference on Frontiers Areas in Chemical Technologies, Alagappa University, Karaikudi, 6 & 8-7- 2017, G.Kanagan, G.Satheesh Kumar D. Madan Kumar, S.Pari.
89. **Dr. S. Pari** One Day International Seminar on Material Science and Technology, Mother Theresa University, Kodaikanal, 04-08- 2017, G.Kanagan, G.Satheesh Kumar,D.Madankumar, G.Govindharajan, S.Pari
90. **Dr. S. Pari** International Conference on Advanced Material Science and Technology, BannariammanInstitute of Technology, Sathyamangalam, 17&19-08- 2017, G.Kanagan, G.Satheesh Kumar D.Madankumar, S. Pari
91. **Dr. S. Pari** International Conference on Recent Advances in Applied Physics, AnnamlaiUniversity,Chidambaram. 21&22-09- 2017, G.Kanagan, G.Satheesh Kumar, D.Madankumar, S.Pari

92. **Dr. S. Pari** National Conference On Recent Trends in Functional Materials, B.S.AbdurRahamanUniversity,Chennai,5 & 6-12- 2017, G.Kanagan, G. Satheesh Kumar, D.Madankumar,S.Pari.
93. **Dr. S. Pari** 22 nd National Seminar on Crystal Growth And Application, Sacred Heart College, Tirupattur,29&31-01.- 2018, G.Kanagan, G.Satheesh Kumar, S.Pari, V.Kathiravan
94. **Dr. S. Pari** National Seminar on Recent Trends in Material Science, Aditanar College of Arts And Science, Tiruchendur, 16-02- 2018, G.Satheesh Kumar, G.Kanagan, S.Pari, V.Kathiravan tional College Instrumentation Facility on 16.02.2017.
95. R.Karthick, **A.T.Ravichandran**, *Enhanced Photoluminescence Activity of Strontium doped Zinc Oxide Nanoparticles*, National Conference on Processing and Fabrication of Advanced Materials (NCPFAM-2018), SSN College of Engineering, Kalavakkam-603 110 during 1-2 March 2018
96. K.Mangaiyarkarasi, **A.T.Ravichandran**, A.Manivel, *Single Crystal growth and Spectral Characterization of L-Phenylalaninium methane Sulfonate Crystal*, International Conference on Modern Trends in Chemistry (MTC-25), Vivekananda College, Madurai on 23rd February 2018
97. K.Mangaiyarkarasi, **A.T.Ravichandran**, A.Manivel, *Crystal Growth, X-ray Analysis and NLO applications of L-phenylalaninium Methanesulfonate Single Crystal*, International Conference on Materials & Technology-Synthesis and Processing (ICMAT-SPA)-2018, Sri S.Ramasamy Naidu Memorial College, Sattur-626 203 on 20th February 2018
98. R.Karthick, **A.T.Ravichandran**, *Structural, optical and photoluminescence assessment of Sr-doped ZnO nanoparticles*, 3rd National Conference on Recent Trends in Nano Materials and Thin Films Research (RTNMTR-2018), AVVM Sri Pushpam College Poondi, Thanjavur during 9th-11th February 2018
99. R.Karthick, **A.T.Ravichandran**, *Doping effects of Strontium on ZnO Nanoparticles and their structural, morphology and optical properties*, 22nd National Seminar on Crystal Growth and Applications (XXII NSCGA 2018), Sacred Heart College (Autonomous), Tirupattur-635601 during 29-31 January 2018

100. R. Karthick, A. Judith Jayarani, A. Robert Xavier, **A.T.Ravichandran***, *Structural and optical properties of undoped and Sr doped ZnO nanoparticles synthesized by chemical co-precipitation method*, National Conference on “RECENT TRENDS IN FUNCTIONAL MATERIALS”, B.S. Abdur Rahman Crescent University Vandalur, Chennai -48 during December 5-6, 2017
101. R.Karthick, **A.T.Ravichandran**, *Co²⁺ ion influenced on structural, optical and antibacterial behaviour of Co doped ZnO nanoparticle prepared by co-precipitation*, National Conference on Materials Science and Technology (NCMST-2017), Joseph Arts and Science College, Thirunavallur on 25 October 2017.
102. M.A. Lilly Grace, **T.V. Sundar** and N.P. Rajesh_ International conference on Materials, Emerging Devices and Energy Efficient Technologies (MEETCON'17), 5-6, October 2017, FTIR and SHG studies on STS doped KDP Crystal
103. G. Vinotha and **T.V. Sundar**, Drug Likeness Prediction Using Structure Based Molecular Descriptors and Support Vector Machines, International Conference on Advanced Materials for Technological Applications, (ICAM-18),3-5, Jan 2018.
104. R.Subbiramanian, **T.V. Sundar**, G. Vinotha and B.Jeevarathinam, The Effectiveness of Normalized Molecular Descriptors in Predicting the Drug likeness of Molecules, National Conference on Advances in Condensed Matter Physics, (NCACMP-2018), 2nd March, 2018.
105. B.Jeevarathinam, **T.V. Sundar**, G. Vinotha and R. Subbiramanian Prediction of Druglike Behaviour of Molecules Using Structure Based Molecular Descriptors and Support Vector Machine National Conference on Recent Trends in Physics of Materials NCRTPM-2018 February 9 - 10, 2018, PG & Research Department of Physics, Pachaiyappa's College.

TAMIL

106. **Dr. S. Eswaran** –Thirukovil – V.H.N. Senthil Kumar Nadar College, Virudhunagar 18.08.2017
107. **Dr. S. Eswaran** – Mu.Va- Alagappa Govt. College, Karaikudi. – 01.09.2017
108. **Dr. S. Eswaran** – T.K.C – Kongunadu Arts College, Coimbatore – 06.12.2017
109. **Dr. R. Ravichandran** – Thoodar – V.H.N. Senthil Kumar Nadar College, Virudhunagar 18.08.2017
110. **Dr. R. Ravichandran** - Purananooru - Kongunadu Arts College, Coimbatore – 06.12.2017

111. **Dr. J. Bhuvaneswari** – Aaivu pooku –Ullaga Tamizh Sangam, Madurai -
30.12.2017

112. **Dr. J. Bhuvaneswari** – Aaivu pooku –Ullaga Tamizh Sangam, Madurai -
30.12.2017

ZOOLOGY

113. **Thangaraj. S 2017.** Attended one day seminar **cum awareness programme on “Scuba Diving”** held on 14.09.2017 at Department of Marine and Coastal Studies, School of Energy, Environment and Natural Resources, Madurai Kamaraj University, Pudumadam-623 524, Utchipuli, Ramnad District, Tamil Nadu.

114. **Thangaraj. S 2017.** Attended the Hands-on training programme on **“Taxonomic Identification of coastal and Oceanic Copepods (TICOC-2017)”** held during 12-14th July 2017 at the Marine Planktonology & Aquaculture Laboratory, Department of Marine Science, School of Marine Sciences, Bharathidasan University, Tiruchirappalli-24, Tamil Nadu, India.

115. **Dr. R.K. Ramasamy 2018.** Attended two day Workshop Science Academics’ Lecture **“Workshop on Conservation and Protection of Bioresources”** Organised by Department of Botany, Scholl of Life sciences, Bharathidasan University, Tiruchirappalli, on 24 & 25 January-2018.

116. **Dr. M. Boominathan 2018.** Attended two day Workshop Science Academics’ **“Lecture Workshop on Conservation and Protection of Bioresources”** Organised by Department of Botany, Scholl of Life sciences, Bharathidasan University, Tiruchirappalli, on 24 & 25 January-2018.

117. **Dr. A. Krishnaveni 2018.** Attended two day Science Academics’ Lecture **“Workshop on Conservation and Protection of Bioresources”** organised by Department of Botany, Scholl of Life sciences, Bharathidasan University, Tiruchirappalli, on 24 & 25 January-2018.

118. **Dr. A. Krishnaveni** attended DBT- Sponsored National **“Hand – on Training on Molecular Diagnostic Techniques”** organized by PG and Research Department of Zoology, C. Abdul Hakeem College (Autonomous) Hakeem Nagar, Melvisharam, Vellore on 12th - 17th February, 2018.

119. **G.Priya 2018.** Presented a paper in International Conference on Molecular Advances in Biomedical Research (ICMABR -18) **“Post-Implantation Changes in the Uterus of Rats with Response to *Thespesia populnea* Bark extracts treatment”** held on 9th & 10th February, 2018 at Nehru Memorial College, Puthanampatti, Trichy.

120. **G.Priya, 2018.** Presented a paper in International Conference on Molecular Advances in Biomedical Research (ICMABR -18) “**Antifungal Potentials of Medicinal Plants: A Review**” held on 9th & 10th February, 2018 at Nehru Memorial College, Puthanampatti, Trichy.
121. **K.Govindaraj 2018.** Presented a paper in International Conference on Molecular Advances in Biomedical Research (ICMABR -18) “**Seasonal study on the physical, chemical and biological characteristic of River Cauvery, Tiruchirappalli district, Tamil Nadu, India**” held on 9th & 10th February, 2018 at Nehru Memorial College, Puthanampatti, Trichy.
122. **G.Priya, P.R. Irsanth Kumar 2018.** Presented a paper in International Seminar on emerging trends in biological research (ETBR 2018) titled “**Medicinal plants with potential antifertility activities: a review**” held on 3rd March, 2018 at PG and Research department of biotechnology and microbiology, Jamal Mohamad College, Trichy. **G.Priya 2018.** Presented a paper in International Conference on Molecular Advances in Biomedical Research (ICMABR -18) “**Post-Implantation Changes in the Uterus of Rats with Response to *Thespesia populnea* Bark extracts treatment**” held on 9th & 10th February, 2018 at Nehru Memorial College, Puthanampatti, Trichy.
123. **G.Priya, 2018.** Presented a paper in International Conference on Molecular Advances in Biomedical Research (ICMABR -18) “**Antifungal Potentials of Medicinal Plants: A Review**” held on 9th & 10th February, 2018 at Nehru Memorial College, Puthanampatti, Trichy.
124. **K.Govindaraj 2018.** Presented a paper in International Conference on Molecular Advances in Biomedical Research (ICMABR -18) “**Seasonal study on the physical, chemical and biological characteristic of River Cauvery, Tiruchirappalli district, Tamil Nadu, India**” held on 9th & 10th February, 2018 at Nehru Memorial College, Puthanampatti, Trichy.
125. **G.Priya, P.R. Irsanth Kumar 2018.** Presented a paper in International Seminar on emerging trends in biological research (ETBR 2018) titled “**Medicinal plants with potential antifertility activities: a review**” held on 3rd March, 2018 at PG and Research department of biotechnology and microbiology, Jamal Mohamad College, Trichy.