

ANDHRA LOYOLA COLLEGE (AUTONOMOUS), VIJAYAWADA-8

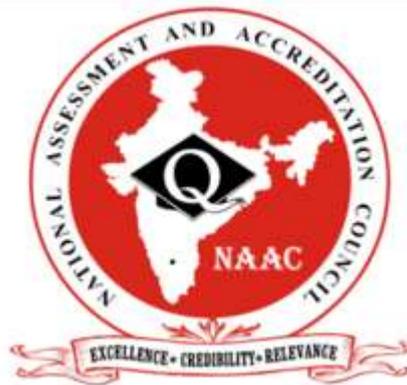
Accredited at A⁺ Grade with a CGPA of 3.66/4.00 in III Cycle by NAAC

**The Annual Quality Assurance Report (AQAR)
(July 1, 2016 to June 30, 2017)**

Track ID- APCOGN10174



**Submitted to
National Assessment and Accreditation Council (NAAC)
Bangalore**



**Internal Quality Assurance Cell (IQAC)
December, 2017**

Andhra Loyola College (Autonomous), Vijayawada-8
The Annual Quality Assurance Report (AQAR) of the IQAC
(July 1, 2016 to June 30, 2017)

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Andhra Loyola College (Autonomous), Vijayawada-8
The Annual Quality Assurance Report (AQAR) of the IQAC
(July 1, 2016 to June 30, 2017)

Part – A

1. Details of the Institution

1.1	Name of the Institution	:	Andhra Loyola College (Autonomous)
1.2	Address Line 1	:	Door No. 16-14-15
	Address Line 2	:	Govt. Polytechnic Post
	City/Town	:	Vijayawada
	State	:	Andhra Pradesh
	Pin Code	:	520 008
	Institution e-mail address	:	contactalc@gmail.com
	Contact Nos.	:	0866-2476082
	Name of the Head of the institution	:	Fr.Dr.G.A.P. Kishore, SJ Principal
	Tel. No. with STD Code:	:	0866-2482792
	Mobile:	:	9440136838 / 9059738336
	Name of the IQAC Co-ordinator:	:	Dr. G. Srinivasa Rao
	Mobile:	:	9441133151
	IQAC e-mail address:	:	alciqac@gmail.com
1.3	NAAC Track ID	:	APCOGN10174
1.4	NAAC Executive Committee No. & Date	:	EC(SC)/A&A/29.3 dated March 28, 2017
1.5	Website address	:	http://www.andhraloyolacollege.ac.in/
	Web-link of the AQAR	:	http://andhraloyolacollege.ac.in/externalAgencies.php?id=31

1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 st	A****	-	2002	2002 to 2007
2	2 nd	A	3.65/4.00	2008	2008 to 2013
3	3 rd	A ⁺	3.66/4.00	2017	2017 to 2022

1.7 Year of Establishment of IQAC:

2001

1.8 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC

This is the 1st AQAR after the latest Assessment and Accreditation by NAAC

1.9 Institutional Status

University	State	<input checked="" type="checkbox"/>	Central	<input type="checkbox"/>	Deemed	<input type="checkbox"/>	Private	<input type="checkbox"/>
Affiliated College	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>				
Constituent College	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>				
Autonomous college of UGC	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>				
Regulatory Agency approved Institution	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>				
Type of Institution	Co-education	<input checked="" type="checkbox"/>	Men	<input type="checkbox"/>	Women	<input type="checkbox"/>		
	Urban	<input checked="" type="checkbox"/>	Rural	<input type="checkbox"/>	Tribal	<input type="checkbox"/>		
Financial Status	Grant-in-aid	<input checked="" type="checkbox"/>	UGC 2(f)	<input checked="" type="checkbox"/>	UGC 12B	<input checked="" type="checkbox"/>		
	Grant-in-aid + Self Financing	<input checked="" type="checkbox"/>	Totally Self-financing	<input type="checkbox"/>				

1.10 Type of Faculty/Programme

Arts	<input checked="" type="checkbox"/>	Science	<input checked="" type="checkbox"/>	Commerce	<input checked="" type="checkbox"/>	Law	<input type="checkbox"/>	PEI (Phys Edu)	<input type="checkbox"/>
		TEI (Edu)	<input type="checkbox"/>	Engineering	<input type="checkbox"/>	Health Science	<input type="checkbox"/>	Management	<input checked="" type="checkbox"/>
Others (Specify)	B.Voc.								

1.11 Name of the Affiliating University

Krishna University, Machilipatnam, AP

1.12 Special status conferred by Central/ State Government

-- UGC/CSIR/DST/DBT/ICMR etc

Autonomy by State/Central Govt. / University

University with Potential for Excellence

UGC-CPE

DST Star Scheme

UGC-CE

UGC-Special Assistance Programme

DST-FIST

UGC-Innovative PG programmes

Any other
(Specify)

-

UGC-COP Programmes

2. IQAC Composition and Activities

2.1 No. of Teachers

6

2.2 No. of Administrative/Technical staff

6

2.3 No. of students

-

2.4 No. of Management representatives

1

2.5 No. of Alumni

1

2.6 No. of any other stakeholder and
community representatives

-

2.7 No. of Employers/ Industrialists

1

2.8 No. of other External Experts

1

2.9 Total No. of members

16

2.10 No. of IQAC meetings held

5

2.11 No. of IQAC meetings held various stakeholders:

No.

9

Faculty

5

Non-Teaching Staff /Students:

2

Alumni

1

Others

1

2.12 Has IQAC received any funding from UGC during the year? **YES**

2.13 Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the IQAC

Total Nos. International National State Institution Level

(ii) Themes

- *Two day Induction Programme for the Faculty on Probation*
- *To have a clear understanding of the practices and procedures*
- *Two day Workshop on “Examination Reforms and Question Bank Preparation” for UG & PG Faculty on 6th & 7th June, 2016.*
- *Orientation Programme on Research Methodology for the PG Faculty on 23rd June, 2016.*
- *Faculty development Programmes on e-Content Generation during 24th – 29th October, 2016 and 31st Oct – 5th Nov, 2016.*
- *Meeting of the Consortium of Autonomous Colleges under the Jurisdiction of Krishna University on 28th Oct, 2016.*
- *Academic Audit on 7th Jan, 2017.*
- *Industry-Academia Interface meeting on 2nd February, 2017*

2.14 Significant Activities and contributions made by IQAC

- Preparation of Departmental Plans; Academic Audit;
- API scores; Preparation of curriculum plans;
- Affiliation preparation;
- Preparation of the Plan of Action for the Academic Year

2.15 Plan of Action by IQAC/Outcome

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

Plan of Action	Achievements
Academic calendar and report attached	

* *Academic Calendar of the year 2016-17 is attached as Annexure - II.*

2.16 Whether the AQAR was placed in statutory body: **Yes**

Management	<input checked="" type="checkbox"/>	Syndicate	<input type="checkbox"/>	Any other body	<input type="checkbox"/>
AQAR was placed before the Board of Management and suggestions were sought in the areas indicated.					

Part – B

Criterion – I

1. Curricular Aspects

1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD				
PG	8		8	3
UG	20	1	13	20
PG Diploma				
Advanced Diploma				
Diploma				
Certificate	20	3		12
Others				
Total	48	4	21	35
Interdisciplinary				
Innovative				

1.2 (i) Flexibility of the Curriculum: CBCS/Core/Elective option / Open options

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	All UG & PG Programmes
Trimester	---
Annual	---

1.3 Feedback from stakeholders Alumni Parents Employers Students

(On all aspects)

Mode of feedback: Online Manual Co-operating schools (for PEI)

**Please provide an analysis of the feedback in the Annexure*

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

Yes. The Boards of Studies met and discussed the existing syllabus and introduced modified structure of CBCS.

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

Nil

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
163	151	22	-	-

2.2 No. of permanent faculty with Ph.D.

52

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

Asst. Professors		Associate Professors		Professors		Others		Total	
R	V	R	V	R	V	R	V	R	V
24	-	-	-	-	-	-	-	24	-

2.4 No. of Guest, Visiting faculty and Temporary faculty

0

0

0

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended Seminars/ Workshops	40	185	-
Presented papers	40	185	-
Resource Persons	-	24	18

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

All the departments are actively involved in the Ignatian Pedagogical Paradigm. A variety of ICT enabled teaching learning strategies were also adopted.

- Student seminars/participative learning
- Study project/experiential learning
- Experimentation using virtual lab
- Models and ICT enabled Learning
- Student centric/Active learning
- On-line assignments

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

164

2.8 Examination/ Evaluation Reforms initiated by the Institution

Online examinations are conducted for General electives. Double valuation and photocopies of answer scripts to the desirous students are continued as in the previous years.

- 2.9 No. of faculty members involved in curriculum /revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop

All

All the faculty members are members in their respective Boards of Studies. Apart from this 15 faculty members are on the BOS of other Autonomous Colleges.

- 2.10 Average percentage of attendance of students

82

- 2.11 Course/Programme wise distribution of pass percentage :

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
B.A.	95	8	62	14	3	87
B.Com.	141	12	55	17	8	92
B.B.A.	41	4	36	39	12	91
B.Sc.	593	22	61	6	5	94
MCA	34	20	73	5	-	98
MBA	52	12	70	14	-	96
M.Sc.	95	10	76	5	-	91

- 2.12 How does IQAC Contribute/Monitor/Evaluate the Teaching & Learning processes:

Conducts the annual Academic Audit

- 2.13 Initiatives undertaken towards faculty development

Faculty / Staff Development Programmes	Number of faculty benefitted
Refresher courses	-
UGC – Faculty Improvement Programme	-
HRD programmes	-
Orientation programmes	162
Faculty exchange programme	-
Staff training conducted by the College	80
Staff training conducted by other institutions	12
Summer / Winter schools, Workshops, etc.	8
Others	5

- 2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	118	-	-	-
Technical Staff	192	-	-	-

Criterion – III

3. Research, Consultancy and Extension

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

As per the suggestion of IQAC the management has instituted special recognition for promoting Research, instituted Research awards and seed money to unaided faculty.

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	-	-	-	-
Outlay in Rs. Lakhs	-	-	-	-

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	-	-	4	-
Outlay in Rs. Lakhs	-	-	6.85	-

3.4 Details on research publications

	International	National	Others
Peer Review Journals	57	54	-
Non-Peer Review Journals	-	-	-
e-Journals	28	18	-
Conference proceedings	16	22	-

3.5 Details on Impact factor of publications:

Range Average h-index Nos. in SCOPUS

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

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
Major projects	-	-	-	-
Minor Projects	2017-19	UGC	6.85 lakhs	-
Interdisciplinary Projects	-	-	-	-
Industry sponsored	-	-	-	-
Projects sponsored by the University/ College	-	-	-	-
Students research projects (other than compulsory by the University)	-	-	-	-
Any other(Specify)	-	-	-	-
Total	-	-	6.85 lakhs	-

3.7 No. of books published i) With ISBN No. Chapters in Edited Books
 ii) Without ISBN No.

3.8 No. of University Departments receiving funds from
 UGC-SAP CAS DST-FIST
 DPE DBT Scheme/funds

3.9 For colleges Autonomy CPE DBT Star Scheme
 INSPIRE CE Any Other (specify)

3.10 Revenue generated through consultancy

3.11 No. of conferences organized by the Institution

Level	International	National	State	University	College
Number	1	9	3	2	22
Sponsoring agencies	DBT	UGC, APPCB ICPR	College	College	College

3.12 No. of faculty served as experts, chairpersons or resource persons

3.13 No. of collaborations International National Any other

3.14 No. of linkages created during this year

3.15 Total budget for research for current year in lakhs :

From Funding agency From Management of College
 Total

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	-
	Granted	-
International	Applied	-
	Granted	-
Commercialised	Applied	-
	Granted	-

3.17 No. of research awards/ recognitions received by faculty and research fellows of the institute in the year

Total	International	National	State	University	Dist	College
6	-	3	-	-	-	3

3.18 No. of faculty from the Institution who are Ph. D. Guides

and students registered under them

3.19 No. of Ph.D. awarded by faculty from the Institution

3.20 No. of Research scholars receiving the Fellowships (Newly enrolled + existing ones)

JRF SRF Project Fellows Any other

3.21 No. of students Participated in NSS events:

University level State level
National level International level

3.22 No. of students Participated in NCC events:

University level State level
National level International level

3.23 No. of Awards won in NSS:

University level State level
National level International level

3.24 No. of Awards won in NCC:

University level State level
National level International level

3.25 No. of Extension activities organised:

University forum College forum
NCC NSS Any other

3.26 Major Activities during the year in the sphere of extension activities and Institutional Social Responsibility

The College has two designated extension programmes – ALERT – Andhra Loyola Extension for Rural Transformation and ALANA – Andhra Loyola Assistance for Neighbourhood Advancement. Under these programmes a number of activities are carried out:

- **Launch of ALANA-MANNA**

As part of our initiatives for the Year of Mercy (2016) declared by the first ever Jesuit Pope Francis, our College launched ALANA-MANNA programme to feed the Destitute in our vicinity as part of our Extension Programme - Andhra Loyola Assistance for Neighbourhood Advancement (ALANA). Our DOVE (Delegates Of Value Education), volunteers go out every evening to feed and care for the abandoned and the destitute under this programme.

- Arranged another extension programme and took a group of students to an orphanage home at Nunna, run by the Brothers of Missionaries of charity (Mother Theresa brothers) as part of helping students to realize their social responsibility on November 23, 2016 and sponsored lunch for the 120 inmates who were mentally and physically challenged. The fund for this had been generated by students themselves
- Conducted a screening text of 400 candidates in providing free coaching to the competitive Group Services Examination. The Test was conducted with the infrastructure support of Andhra Loyola College, Vijayawada
- Donated to SKCV Children’s Trust, Vijayawada for poor boys on August 02, 2016.
- Conducted “Drinking Water Analysis – Quality Camp” around Vijayawada City on 5th December, 2016.
- Organized a campaign against plaster of Paris idols of Lord Vinayaka on Vinayaka Chaturdhi, Vijayawada.
- Work Shop on Making Paper Products from Dry Waste:
- Our College’s Extension Programmes Andhra Loyola Assistance for Neighbourhood Advancement (ALANA), Andhra Loyola Extension Service for Rural Transformation (ALERT), have been active conducting various programmes all along the Academic Year.
- As part of our initiatives for the Year of Mercy (2016) declared by the first ever Jesuit Pope Francis, our College launched ALANA-MANNA programme to feed the Destitute in our vicinity as part of our Extension Programmes. Our DOVE (Delegates Of Value Education), volunteers go out every evening to feed and care for the abandoned people.
- Equal Opportunities Cell (EOC) and Higher Education for Persons with Special Needs (HEPSN), the UGC-sponsored programmes are being implemented for their intended purpose, with a maximum benefit accruing to the targeted beneficiaries.
- The N.G.C. and Women’s Cell have conducted their regular activities all along the academic year.

Criterion – IV

4. Infrastructure and Learning Resources

4.1 Details of increase in infrastructure facilities:

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	98 acres			
Class rooms	48			
Laboratories	17			
Seminar Halls	3			
No. of important equipment purchased (\geq 1-0 lakh) during the current year.	4			
Value of the equipment purchased during the year (Rs. in Lakhs)	76.52			
Others				

4.2 Computerization of administration and library:

The Library e-Learning centre is providing access to U.G.C.–INFLIBNET–N-list, e-journal consortia (2,200 e-journals & abstracts). The Library Issue & Returns and other operations are fully automated. With automation & digitization, Fr. Gordon Library is marching towards the Digital Library environment to serve more users with high quality of information services. To keep pace with the emerging digital advances, our Library also stepped up its continuous efforts to upgrade and update the existing facilities. The E-learning Centre is strengthened with 10 new Monitors and the centre is strengthened with 20 advanced systems in an Air-conditioned environment.

4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	No.	No.	Value
Text Books	86440	2,16,10,000-00	1198	2,86,973-00	87638	2,18,96,973-00
Reference Books	8100	40,50,000-00	45	22,500-00	8145	40,72,500-00
e-Books	123	-	68	-	191	-
Journals	141	--	75			
e-Journals:(1) EPW	(Renewed)	78,672-00	141	78,672-00		
(2) Magzeter	2100					
(3) NList	(UGC Nlist)	-	-	-	2100 +	
Digital Database	(UGCNI list)	--				
CD & Video	9000	-	-	-	9000	-
Others (specify)	270	27,000-00			270	27,000-00
(a) Palm Leaves		-		-		-
(b) Student Projects	07	-	-	-	07	-

4.4 Technology upgradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	520	07	-	-	-	10	22	-
Added	80	01	-	-	-	-	05	-
Total	600	08	-	-	-	10	27	-

*Existing computers are replaced with advanced systems with licensed softwares

4.5 Computer, Internet access, training to teachers and students and any other programme for technology upgradation (Networking, e-Governance etc.)

The Department of Computer Science conducted a Faculty Development Programme on “ICT Tools for Teaching and Learning” for faculty members

4.6 Amount spent on maintenance in lakhs:

i) ICT	03
ii) Campus Infrastructure and facilities	12
iii) Equipment	04
iv) Others	2.47
Total:	21.47

Criterion – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

IQAC evaluates the services offered to the students and makes necessary suggestions for the better improvement. IQAC made special display of the services in the student notice-boards.

5.2 Efforts made by the institution for tracking the progression

IQAC advised the College Superintendent to collect the necessary data, when a student applies for TC and Migration Certificates at the end of their course. IQAC also has suggested to the Controller of Examinations to analyse the data pertaining to the academic progression of the students.

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
2873	408	-	-

(b) No. of students outside the state

163

(c) No. of international students

-

Men

No	%
2287	69.7

Women

No	%
994	30.3

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
1377	543	82	977	12	2979	1507	604	98	1072	14	3281

Demand ratio

2.32

Dropout %

3.83

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

ALC has a special cell for the coaching of students for competitive examinations. Quantitative aptitude is offered for all the 1st year UG students with Mathematics combination and Analytical skills is offered for all the 2nd year UG students. Coaching is given in Communication and soft skills by the English faculty. Subject wise coaching for higher studies is provided outside the college hours for the interested students.

No. of students beneficiaries

1982

5.5 No. of students qualified in these examinations

NET

-

SET/SLET

-

GATE

-

CAT

-

IAS/IPS etc State PSC UPSC Others

5.6 Details of student counselling and career guidance

- A separate counsellor is appointed to counsel the students.
- Mentoring programme is conducted frequently.
- Education makes a student eligible to apply for a job, but to be successful in the role one requires to exhibit a mix of skills; one such skill is 'employability skills'. To make the student acquire the skills, JKC has put forth the task of enhancing the student's ability and skills through the training classes. Students come from different social background, with different capacities, and intellectual abilities aspiring to get a good job in this competitive world. To full fill the ambition of the students who come from different horizons JKC offers an intended itinerary to train the students in the requisite areas for job employability. As a part of it the students are given training in communication skills, interpersonal skills, soft skills, interview skills to fulfill the job nuts and bolts.
- The students were trained to equip themselves with Analytical Skills, Technical Skills and Communication Skills.

No. of students benefitted

5.7 Details of campus placement

<i>On campus</i>		<i>Off Campus</i>	
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
15	472	186	100

5.8 Details of gender sensitization programmes

- The Department of Botany in collaboration with CIS-A2K Bangalore, conducted a brain storming session about bridging gender gap in Wikipedia & other Wikimedia projects. CIS-A2K representatives Ting-yi and Pavan Santhosh sharing their experiences. Total 40 girl students participated in the session. . Some of them were already participated in at least one of the Wikipedia sessions/workshops.
- Women's cell organized two days 'Girl Student and Parent Interaction sessions' on 8th and 9th July 2016.
- Women cell has conducted a work shop on 28th October 2016 at ALC on the topic 'women Empowerment through Health'
- On 6th December Breast cancer awareness programme is conducted to 800 girl students by 40 Medicos from Pinamanneni Medical college.

5.9 Students Activities **Annual Academic Report attached**

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

Annual Academic Report attached

State/ University level National level International level

No. of students participated in cultural events

Annual Academic Report attached

State/ University level National level International level

5.9.2 No. of medals /awards won by students in Sports, Games and other events

Annual Academic Report attached

Sports: State/ University level National level International level

No. of students participated in cultural events

Cultural: State/ University level National level International level

5.10 Scholarships and Financial Support

	Number of students	Amount
Financial support from institution	530	18.35 Lakhs
Financial support from government	1561	165.84 Lakhs
Financial support from other sources	10	0.5 Lakh
Number of students who received International/ National recognitions	-	-

5.11 Student organised / initiatives **Annual Academic Report attached**

Fairs: State/ University level National level International level

Exhibition: State/ University level National level International level

5.12 No. of social initiatives undertaken by the students

- The Alana-Manna programme launched last year as part of our College initiatives for the *Year of Mercy (2016)* to feed and care for the Abandoned and the Destitute in our vicinity under the aegis of our Extension Programme
- Our College DOVE Volunteers visited Government General Hospital on 19.12.2017 and distributed Cakes to about 500 TB & HIV patients as well as destitute near the hospital. They also visited Missionaries of Charity Old Age Home, Gunadala and distributed Cakes to the inmates of the Home.

5.13 Major grievances of students (if any) redressed: ---

Criterion – VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

Vision of the College: To impart higher education with integral formation that involves academic excellence, spiritual growth, social commitment, and value-based leadership.

Mission: Forming men and women for others and mould them as global citizens with competence, conscience, and compassionate commitment to the socially and economically marginalized sections.

6.2 Does the Institution has a management Information System

6.3 Quality improvement strategies adopted by the institution for each of the following:

6.3.1 Curriculum Development

- Feedback on curriculum is taken from the stakeholders and is discussed in BoS meetings of the departments.
- Need based assessment done for enrichment of curriculum.
- Revised Choice Based Credit System is being successfully implemented.

6.3.2 Teaching and Learning

A variety of ICT enabled teaching learning strategies were also adopted.

- Models and ICT enabled Learning
- Student centric/Active learning
- Student seminars/participative learning
- Study project/experiential learning
- Experimentation using virtual lab

6.3.3 Examination and Evaluation

- Online examinations for General Electives
- On-line assignments
- Declaration of results within 1 month
- Sending results through SMS to the parents mobile
- Result analysis is carried out at the college level and the departmental level
- Revaluation and recounting of answer scripts and declaration of the result within one week

6.3.4 Research and Development

- Strengthening of Interdisciplinary research laboratories
- Seed money for the unaided faculty
- Research methodology workshops for the faculty
- Research promotion awards
- Encouraging faculty to apply for research funds from funding agencies like DBT, DST, UGC etc.
- Encouraging faculty to organize seminars on research oriented topics and to participate and present papers on research oriented topics in National and International seminars
- Incentives to the faculty to complete Ph.D. and to publish research articles in peer reviewed SCOPUS indexed National and International Journals of high impact factor

6.3.5 Library, ICT and physical infrastructure / instrumentation

- An amount of about 3 Lakhs has been spent during this academic year to further strengthen in various ways our Library which is rated as one of the best in the entire State of A.P. at UG level. A total number of 7400 books have been added to the collection of UG and PG Libraries so far during this Academic Year. A total number of 146 International and National Journals are also subscribed and renewed every year.
- The “Loyola Reviewers Association”, launched last academic year with the objective of inculcating in the students the habit of reading, has conducted seven Book Reviews by the students so far this academic year.
- "The departments of Computer Science (150 with necessary software), Electronics (20), English Language Laboratory (50), Commerce (135 systems with accounting softwares like Tally), Statistics (60 systems with SPSS Package), Viscom (20-MAC) and Physics (6) are maintaining separate computer labs to cater to the needs of the students. Telugu Wikipedia Lab has 07 computers with suitable software.
- The English Language Lab has 50 computer workstations with a monitoring console and runs two different software - 'RENETE MULTIMEDIA' and 'STUDY SKILLS'"

6.3.6 Human Resource Management

Reforms practised in the College to achieve administrative and academic excellence are - collaboration, empathy, self-knowledge, authenticity, commitment, and disagreement with respect

6.3.7 Faculty and Staff recruitment

- Selection is made through written examination followed by oral Interview and demo class
- Advance increments for NET/SET qualified persons and Ph.D./M.Phil. holders

- Competence-based pay structures i.e., more than the prescribed scale is offered for self-financing courses.

6.3.8 Industry Interaction / Collaboration

Industry-Academia meet
Efforts are made to collaborate with industry through their participation in the Boards of Studies.
The College has functional collaborations with sister concerns.

6.3.9 Admission of Students

Transparency is the hall mark of the student admissions. Students are admitted from far and near ensuring the strengthening of the national fabric of Indian diversity.

6.4 Welfare schemes for

Teaching	Cooperative Credit Society
Non-teaching	Cooperative Credit Society
Students	Management gives free ships and scholarships for the needy

6.5 Total corpus fund generated

NIL

6.6 Whether annual financial audit has been done

Yes

No

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	CCE	-	-
Administrative	Yes	CCE	-	-

6.8 Does the University/ Autonomous College declares results within 30 days?

For UG Programmes Yes No

For PG Programmes Yes No

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

Adapting to the technological advancements and making them part of our Teaching-Learning-Evaluation system, and as part of our continuous examination reforms, we have introduced, from this academic year, Online Examinations for the General Electives. In course of time, we intend to bring all other courses as well under this Online Examination System.

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

NA

6.11 Activities and support from the Alumni Association

Andhra Loyola College Alumni Association (ALCAA): ALCAA had its share of activities during this academic year.

Notable activities by ALCAA include:

- Free distribution of stationery items to ALCAA School children on 7th July 2016
- Medical camp for students of ALCAA School with the help of doctors and nurses from St Ann's Hospital, Vijayawada on 22nd July 2016.
- Drawing & Painting Competition for ALCAA School children organised by PG VISCOM students on 30th July as part of the Feast Day Celebration
- Blood Donation Camp on the Feast Day of St Ignatius of Loyola during which 50 students donated blood to the nearby Govt. Hospital
- Drawing & Painting Competition for school children from Vijayawada City on the historic occasion of the Canonisation of Mother Theresa at Fr Deviah Auditorium on 3rd September 2016
- Distribution of uniform clothes to ALCAA School children by the Rotary Club of Vijayawada on 12th November 2016
- Children's Day celebration and fruits distribution to ALCAA School children by Vasavi Club, a service-oriented organisation on 14th November 2016
- SYNERJAAI - 'Networking for empowerment', VIII National Congress of Federation of Jesuit Alumni Associations of India (JAAI) during 27 & 29 January 2017 at St. Xavier's School, Doranda, Ranchi

ALCAA School: ALCAA School, run for the poorest of poor, established in the year 2005-2006, is making its steady progress. The school runs Classes I to V, is staffed by seven committed and dedicated teachers and has a student strength of 120. The Management, besides not collecting any fee from the students, continues to provide them with text books and note books free of cost. They are taught regular subjects with focus on moral values, besides imparting skills in subjects like Drawing, Paper Cutting and Stitching. ALCAA School also imparts coaching to the students in mental ability tests. Children of the School participated in various cultural competitions.

6.12 Activities and support from the Parent – Teacher Association

Regular meetings were held.

6.13 Development programmes for support staff

Interest free loans for deserving staff were disbursed.
Festival advances given.

6.14 Initiatives taken by the institution to make the campus eco-friendly

- 35% (300kW Solar Power). 20% Reduction in Electricity bill.
- Establishment of Silos, Rain water pits and Paper recycling units
- Drip Facility provided to the gardens
- The campus is made plastic free and green landscaping is well maintained.
- Installation of 2 km long LED street light system.

Criterion – VII

7. Innovations and Best Practices

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

The College provides for flexibility in Academic programmes in

- Keeping the demand in view, started new UG sections
- Core options, elective options, Cluster elective courses, Value added courses, supportive courses and allied courses.
- Special Remedial Coaching for slow learners.
- Encouraging the faculty to utilize ICT tools in their regular teaching
- Organizing workshops for the junior faculty members on teaching learning methodologies
- The College has been offering diploma / certificate courses in different disciplines. These diploma/certificate courses are add-on courses for the regular degree programmes. For making the teaching-learning process more learner-centered and dynamic, the College has integrated Education Technology fully into the curriculum to further the learning objectives.
- Strengthening of science laboratories and Inter disciplinary research labs with DBT-Star college scheme funds
- Fully equipped and automated Library
- The different categories of financial aid given by the management of the College during the last academic year: Earn While You Learn, Student Aid Fund, Management Scholarships, Sports Scholarships and Fee concession for poor students
- Feedback on faculty and academic programmes by the stake holders
- Frequent staff meetings on academic and administrative matters
- Periodic skill upgradation programmes for the non-teaching staff.
- Encouraging students to participate in curricular and co-curricular and extracurricular activities
- Creating awareness on student centric and experiential learning
- Involving students to participate in sports and cultural events
- Annual academic and administrative audit

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

As far as possible, the plan of action chalked out at the beginning of the year is implemented.

All the academic and examination related activities are completed as per the plan of action.

Due to unavoidable circumstances, some of the events/activities related to extracurricular activities could not be taken up.

Fr Principal has instructed the HoDs, in charges and coordinators to take up these activities in the next academic year. He stressed the need of strengthening of remedial coaching for the weak learners and innovative programmes for the advanced learners.

7.3 Give two Best Practices of the institution

The best practices implemented in ALC, which yielded good results include:

- Mid-day meals for poor students. Free Egg & Milk for poor girl students along with livelihood earning skills.
- Effective Extension Programme viz. ALANA under which the Vijayawada Municipal Corporation Schools have been adopted,
- ALERT - Andhra Loyola Extension service for Rural Transformation under which the College has started 20 Women Self-Help Groups in Beach Villages of Machilipatnam Area.
- School to laboratory programme

7.4 Contribution to environmental awareness / protection

- Plantation Work: NGC students participated in the campus cleaning and plantation work as a part of NGC programme, Social Welfare Minister, Govt. of Andhra Pradesh Inaugurated this programme on 20th June, 2016. Total 70 students participated in the campus cleaning and plantation work. This work gives students an experience about the importance of cleanliness and plantation. This also imparts a feeling of responsibility on their surroundings for the students.
- Environmental Awareness Programme: On the eve of WORLD NATURE CONSERVATION DAY on 27-07-2016, NGC organized an Environmental Awareness Programme. As a part of this programme NGC organized Drawing competitions for Inter, Degree and for PG students on the following themes-1 Save Nature 2. Conservation of Biodiversity on 27th July, 2016. 280 students from various Departments actively Participated in this programme.
- Guest Lecture: NGC organized a Guest lecture on 'Conservation of Biodiversity' on 28th July, 2014, to mark the WORLD NATURE CONSERVATION DAY. Rev. Fr. S. Emmanuel, SJ, former Principal of ALC delivered invited talk on Biodiversity - Importance and Effect of Environmental Pollution on Health & Environment.
- Campus Cleaning- Eradication of Parthenium weed: National Green Corps organized Campus Cleaning Programme to eradicate parthenium weed from the campus on 28th July, 2016 near the Canteen. Total 120 Biology Students participated in this Programme.
- VANAM- MANAM- PRAKRUTHI PILUSTUNDI - PLANTATION PROGRAM
- Andhra Loyola College took a fore step in PLANTATION PROGRAM to motivate the Public mainly the Youngsters to protect the Environment from the Human activities that affects our future generation. The Government gave a Slogan "VANAM - MANAM", to the Plantation program. By taking this as motivation NGC Students actively participated in the plantation programme programme on 29/07/2016.
- Plantation programme: National Green corps organized Campus Cleaning Programme and Plantation work on 4th Aug, 2016, near the Canteen. Total 100 Biology Students participated in this Programme.
- Slogan Writing Competitions: On the eve of "World Ozone Day" on 16th September, 2016, the Departments of Botany and National Green Corps organized a Slogan writing Competition

on "Global Warming –Climate Change" on 15th Sep, 2016. Slogan Writing Competition was conducted on the topic Global Warming – Climate Change. Total 200 students participated.

- Guest Lecture: On the eve of "World Ozone Day" on 16th September, 2016, the Departments of Botany & National Green Corps organized World Ozone Day to promote Environmental Awareness.

7.5 Whether environmental audit was conducted? Yes No

7.6 Any other relevant information the institution wishes to add. (for example SWOT Analysis)

SWOT analysis is carried out for the introduction of new courses and also after academic and administrative audit.

8 Plans of institution for next year

- To give impetus to Research on campus, an action plan is chalked out focusing on encouraging faculty members to attend Seminars and Conferences and also to encourage faculty members to register for research degrees.
- To strengthen the Library e-Learning Center by way of increasing the infrastructural facilities and to allocate special grants.
- To promote the habit of reading and literary values among all members in general and students of the College in particular it is proposed to establish a Literary Society.
- Jawahar Knowledge Centre, a State Government governed Placement Services Cell is to be strengthened to train the final year students for placement.
- Examination reforms to be implemented.
- Professional training for placement to be provided for all the Undergraduate sections.
- It is a priority to conduct national seminars and to motivate staff to conduct minor or major research projects.

Name Dr. G. SRINIVASA RAO

Name Fr. Dr. G.A.P. KISHORE, SJ

S. Srinivas Rao

Signature of the Coordinator, IQAC

Signature of the Chairperson, IQAC

Annexure I
Abbreviations:

CAS	-	Career Advanced Scheme
CAT	-	Common Admission Test
CBCS	-	Choice Based Credit System
CE	-	Centre for Excellence
COP	-	Career Oriented Programme
CPE	-	College with Potential for Excellence
DPE	-	Department with Potential for Excellence
GATE	-	Graduate Aptitude Test
NET	-	National Eligibility Test
PEI	-	Physical Education Institution
SAP	-	Special Assistance Programme
SF	-	Self Financing
SLET	-	State Level Eligibility Test
TEI	-	Teacher Education Institution
UPE	-	University with Potential Excellence
UPSC	-	Union Public Service Commission

ANDHRA LOYOLA COLLEGE (AUTONOMOUS), VIJAYAWADA-8

Accredited at A⁺ Grade with a CGPA of 3.66/4.00 in III Cycle by NAAC



Annexure - II

Plan of Action
2016-2017

Plan of Action for the Academic Year 2016-17

June 2016

Date(s)	Day	Event/Activity	Department
16	Thu	Guest Lecture	Chemistry
17	Fri	Coaching for PG Entrance Examinations	Physics
18	Sat	Orientation Programme (అవగాహన సదస్సు)	Oriental Languages
		Orientation Programme	English
		Orientation Programme	Mathematics
20	Mon	Career Guidance Programme for III B.Sc., Students	Chemistry
		Bridge Course (Insights into Zoology)	Zoology
		Orientation Programme for I Year Students	Statistics
		Orientation Programme for I Year Students	Computer Science
21-25	Tue-Sat	Bridge Course for I B.Sc., Students	Statistics
21	Tue	World Music Day Celebrations	MAS
22	Wed	Orientation Program on Built Career in Electronics	Electronics
23	Thu	Orientation Programme for UG Students on Project Work	Physics
		Bridge Course for First year Students	Electronics
		Guidelines on Project Work Submission	Mathematics
		Guest Lecture	Botany, BT & MB
24	Fri	Guest Lecture for II B.Sc., Students	Computer Science
		Learning a Word a day Programme	English
25	Sat	Awareness Programme on Road Safety-Varun Motors	Physics
		Bridge Course for I B.Sc., Students	Chemistry
		Guest Lecture for BBA Students	BBA
		Hands-on Training Programme-Mushroom Cultivation for Students	Botany, BT & MB
27	Mon	Orientation Programme (Towards UG Zoology Curriculum for Students)	Zoology
28	Tue	Career Guidance Programme for III B.Sc., Students	Viscom
29	Wed	National Statistics Day Programme	Statistics
		Literary Concert (సాహితీ సమాలోచన)	Oriental Languages
30	Thu	Placement Training for Students	Chemistry
		Field Visit to Efftronics Pvt. Ltd.	Electronics

July 2016

Date(s)	Day	Event/Activity	Department
1	Fri	Training Program in Soldering Techniques	Electronics
2	Sat	Career Guidance	Physics
5	Tue	Field Trip	Microbiology
7	Thu	Guest Lecture for Students	Zoology
		Guest Lecture for Students	Mathematics
8	Fri	Lab on Wheels Programme	Chemistry
		Field Trip for III Year Students to Efftronics Pvt. Ltd.	Computer Science
9	Sat	Coaching for PG Entrance Examinations	Physics
		Hands-on Training Programme- Mushroom Cultivation for Public	Botany, BT & MB
		Departmental Orientation Programme for I B.Sc., Students	Viscom
12	Tue	Guest Lecture (అతిథి ఉపన్యాసం)	Telugu
		Programme on LSRW Skills	English
14	Thu	Field Trip for III B.Sc., Students	Chemistry
		Career Guidance Programme	Statistics
15	Fri	Invited Talk on Latest Trends in Mathematics	Mathematics
		Guest Lecture on TV production	Viscom (PG)

16	Sat	Guest Lecture	MCA
19	Tue	Sanskrit Day Celebrations (సంస్కృత భాషాదినోత్సవం)	Sanskrit
21	Thu	Field Trip to ANU- USIC	Physics
		Educational tour to Doordarshan	Electronics
22	Fri	Mendel' Day Celebrations	Botany, BT & MB
		Programme on LSRW Skills	English
		Medical Camp for ALCAA Children	Physics (PG)
23	Sat	Entrepreneurship Development Programme	BBA
		TRAWELL (Campaign with Color Folks and Facial Painting Competition) – Road Safety Awareness	Viscom
		Field Visit to Gannavaram	MCA
		Guest Lecture for MBA Students	MBA
25	Mon	One Day Teachers Training Programme- INSPIRE Awardee	Botany, BT, MB,
		Teachers in collaboration with Krishna District Education Department	Phy. Chem. & Zoology, Maths
26	Tue	Seminar on Computer Hardware and Networking	Electronics
27	Wed	Drawing Competitions on Environmental Awareness	Botany, BT & MB
		One Day Sensitization Program on "New Trends in Materials Research" for M.Sc., Students	Physics (PG)
27-28	Wed-Thu	Regional Student Training Programme on Instrumentation & Hands-on training in Advanced Biological Techniques	Botany, BT & MB
28	Thu	Placement Training for Students	Chemistry
		Extension Activity (Plantation) by II B.Sc., Students	Computer Science
		Guest Lecture – On the Eve of World Nature Conservation Day	Botany, BT & MB
29	Fri	Workshop on methodology in Design of Embedded Systems	Electronics
30	Sat	Invited Talk on Curriculum	Chemistry
		College to Lab (Student Visit) – Instrumentation Demonstration	Botany, BT & MB
		TRAWELL – Road Safety Awareness for ALCAA School Children	Viscom

August 2016			
Date(s)	Day	Event/Activity	Department
3	Wed	Guest Lecture on "Radiation Effects and Safety Measures"	Physics (PG)
6	Sat	Seminar (MCA Students)	MCA
		Quiz/Book Review	MBA
9	Tue	Industrial trip	Chemistry
		Invited Lecture for Students	Zoology
9-10	Tue-Wed	Communication & Soft skills Training	English
10	Wed	Workshop on PCB Making	Electronics
11	Thu	Career Guidance Programme for III B.Sc., Students	Computer Science
16-23	Tue-Tue	Faculty Training Programme at Research and Development Laboratories	Chemistry
24	Wed	Intra Collegiate Training Programme on UV Visible Spectrophotometer	Chemistry, Botany, BT & MB
26	Fri	Training Programme on PC Assembling & Installing Software for II B.Sc., Students	Computer Science
27	Sat	Career Guidance	Physics
29-31	Mon-Wed	e-Content Development –Student Workshop	Botany, BT & MB
29	Mon	Telugu Day Celebrations (తెలుగు భాషాదినోత్సవం)	Telugu
		Regional Level Literary Programme on Caste, Gender & Race by Prof. P. Raja Sekhar	English
30	Tue	Career Guidance Programme	Mathematics
		Guest Lecture on Advanced Communication	Electronics

31	Wed	Guest Lecture on DNA Technology by Dr. N. Venkata Rami Reddy Yogi Vemana University , Kadapa Placement Training for Students Guest Lecture on "Relevance of Marxism" Field Visit to All India Radio Water Analysis	Zoology Chemistry Political Science Viscom (PG) Chemistry, Botany, BT & MB
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<i>September 2016</i>			
Date(s)	Day	Event/Activity	Department
1	Thu	Analysis of Cancer Causing Compounds Present in Bread	Chem, Botany, BT & MB
1-3	Thu-Sat	Merchant of Venice Drama for General English I Year Students	English
2-3	Fri-Sat	National Seminar	Botany, BT & MB
3	Sat	Career Guidance FLASHMOB Programme Visit to GIFT Tilapia Project of RGCA Manikonda (Fish Biotechnology)	Physics Viscom Zoology
6	Tue	Workshop for Staff	Chemistry
7	Wed	Free Medical Camp for Students	Zoology
7-13	Wed-Tue	Faculty training/Hands on Workshop on Human/Cancer Cell Culture Techniques ICSCCB, Pune	Zoology
8-10	Thu-Sat	Animation Festival	MAS
8	Thu	Field Trip	Botany, BT & MB
9	Fri	Guest Lecture Field Trip	Statistics Mathematics
10	Sat	Field Trip to VTPS/LANCO Economics Fest for BA Students	Physics Economics
13	Tue	Research Methodology for III B.Sc., Students on Project submission Field Study (Amaravati) cum Lecture on Protection of Ancient Monuments in CRDA AP by Prof. Galla Amareswar Guest Lecture for M. Sc., First Year Chemistry Students	Botany, BT & MB History Chemistry (PG)
14	Wed	Hindi Day Celebrations (హిందీ భాషాదినోత్సవం)	Hindi
14-15	Wed-Thu	National Seminar on "Advances in the Synthesis of Nano Materials and their Multi-dimensional Applications in Chemical and Bio-sciences" (NANCBS-16)	Chemistry
15	Thu	Talk on Literary theories by Prof. T. Rama Chandra for Students & Staff	English
16	Fri	Ozone Day (Essay Writing & Drawing Competition) Seminar for I B.Sc., Students	Physics Computer Science
16-17	Fri-Sat	Street play (A Social Awareness Programme) SAMIKSHA 2K16	Viscom MCA
17	Sat	Coaching for PG Entrance Examinations Seminar for BBA Students Workshop on TV production Field Visit (M.Sc., Physics Students)	Physics BBA Viscom (PG) Physics (PG)
19	Mon	Guest Lecture on IOT	Electronics
20	Tue	Folk Art Forms Exhibition (జానపద కళారూప ప్రదర్శన)	Oriental Languages
21	Wed	Health awareness Programme for all Comp. Sci. Students	Computer Science
22	Thu	Placement Training for Students	Chemistry
22-23	Thu-Fri	Training Programme for School Children	Chem, Botany, BT & MB
23	Fri	Academic Competition on Vocabulary for Students	English

23-25	Fri-Sun	Intense Hands - on Training in Molecular Biology Tools & Techniques	Zoology
24	Sat	Guest Lecture Environmental awareness Programme	Physics Chemistry
26	Mon	Guest Lecture Seminar on Thin Films	Botany, BT & MB Electronics
27	Tue	Environmental Awareness Programme	Botany, BT & MB
28	Wed	Practical Manual Preparation Workshop Guest Lecture for MBA Students	Botany, BT & MB MBA
29	Thu	Health Awareness Programme & Blood Grouping Visit to BSNL Mux Station	Botany, BT & MB Electronics
30	Fri	Industry-Class Room interface for Chemistry Staff Guest Lecture for M. Sc., II Year Chemistry Students Visit to Rural Areas	Chemistry Chemistry (PG) Viscom (PG)

<i>October 2016</i>			
Date(s)	Day	Event/Activity	Department
4-7	Tue-Fri	Industrial Tour	MBA
7	Fri	Guest Lecture	MCA
13	Thu	Bioinformatics – Awareness- Workshop	Botany, BT & MB
14	Fri	Land to Lab Programme	Physics (PG)
15	Sat	National Intercollegiate Student Seminar/Workshop on “Advances in Microbiology: Food and Health Care Industries”	Botany, BT & MB
17-22	Mon-Sat	Faculty Training Programme at Research and Development Laboratories	Chemistry
20	Thu	Mobilography (Mobile Photography) Competitions	Viscom (PG)
21	Fri	Field Visit for M.Sc., II Year Chemistry Students	Chemistry (PG)
22	Sat	Quiz/Book Review	MBA
28	Fri	Land to Lab Programme (Extension Activity)	Chemistry (PG)
25-29	Tue-Sat	5-Day National Workshop for Lecturers	Botany, BT & MB

<i>November 2016</i>			
Date(s)	Day	Event/Activity	Department
3	Thu	Guest Lecture on Recent Research Areas in Physics	Physics (PG)
4-5	Fri-Sat	Workshop on “PYTHON”	MCA
12	Sat	Industrial Visit	MBA
14	Mon	Guest Lecture Guest Lecture	Botany, BT & MB Chemistry
14-19	Mon-Sat	NSSO Seminar/Awareness Programme for Students & Staff One Week Training Programme on Aquaculture for Bio-prosperity SIFT, Kakinada	Statistics Zoology
15	Tue	Education tour to SHAR & NIPPO batteries Company Art Workshop	Electronics Viscom
16	Wed	Career Guidance Programme for III B.Sc., Students University Level Spell Bee Competitions Industrial Visit	Physics English Chemistry
17	Thu	Intradepartmental Seminar for Students Environmental Awareness Programme	Chemistry Botany, BT & MB
18-19	Fri-Sat	Chemistry Festival (Academic Competitions for Students)	Chemistry
19	Sat	Coaching for PG Entrance Examinations Educational Visit to Efftronics Pvt. Ltd	Physics Computer Science
21-25	Mon-Fri	5-Day National Workshop for Students	Botany, BT & MB
21	Mon	Training Program on Electronic Product Design	Electronics
22	Tue	Guest Lecture (అతిథి ఉపన్యాసం)	Oriental Languages

23	Wed	Field Visit Workshop on Genetically Modified Fish & Shell Fish by Principal Scientist RGCA, Sirkali, Tamilnadu	Mathematics Zoology
23-26	Wed-Sat	Resonance (State level Academic Competitions for UG Students)	Physics
24	Thu	Placement Training for III B.Sc., Chemistry Students	Chemistry
24-26	Thu-Sat	Educational Tour	MAS
25	Fri	Invited Talk Techniques on improving Communication for Employment for Students from Colleges in Vijayawada	Computer Science English
25-26	Fri-Sat	National Consultative Workshop on Curriculum Development in Biomedical Technology	Paramedical & Hospital Admn
26	Sat	Extension Activity (Visit to Old age home/Orphanage) Guest Lecture on Career Guidance for III B.A. Economics Students Industrial Visit to Coca-Cola/KCP Sugars Guest Talk on Recent Software Developments	Physics Economics BBA MCA
28	Mon	Guest Lecture Orientation Programme for Students - Biology as career	Mathematics Botany, BT & MB
29	Tue	Guest Lecture for Physics Students A Talk in memory of Prem Chand (ప్రేమ చంద్ వర్ణం - ఉపన్యాసం)	Physics Oriental Languages
30	Wed	Work Shop on ARM based applications Horticultural Techniques- Hands on Training A Talk in memory of Gurajada (గురజాడ వర్ణం - ఉపన్యాసం)	Electronics Botany, BT & MB Oriental Languages

December 2016			
Date(s)	Day	Event/Activity	Department
1	Thu	Technoosis -2016 (National Level Academic Competitions)	Electronics
2	Fri	Paper Presentation on Short Stories for Students & Staff Group Discussion on Burning problems in Chemistry Essay Writing Competition on latest topics in Chemistry	English Chemistry Chemistry
2-3	Fri-Sat	Academic Competitions for Students	MCA
3	Sat	Career Guidance Programme for III B.Sc., Students Interaction for Startups in Biotech Industry-Sujay Biotech SCIENTIA – Academic Competitions for Students National Level Seminar for Students	Physics Zoology Computer Science Chem, Botany, BT & MB
5	Mon	Field Visit for III Year B.Sc., Students	Statistics
6	Tue	Guest Lecture Ambedkar Literature in Telugu (అంబేద్కర్ సాహిత్యం)	Botany, BT & MB Telugu
7	Wed	Extension Activity (Water Analysis in and around Vijayawada)	Chemistry
8	Thu	Quiz/Book Review Workshop on Copywriting for M.Sc., Viscom Students	MBA Viscom (PG)
10	Sat	Coaching for PG Entrance Examinations Guest Lecture on Human Rights Workshop on Copy Writing Workshop on Environmental Economics for B.A Students	Physics Political Science Viscom Economics
12	Mon	Field Trip to Vizag Focus on improving articulation for Students & Staff Debate for Students (విద్యార్థులకు వక్రత్వ పోటీలు)	MCA English Oriental Languages
14	Wed	Guest Lecture on Dance Career Guidance Programme Guest Lecture on Music	MAS English MAS
15	Thu	Health Awareness Programme for the Staff	Mathematics

16	Fri	Guest Lecture on Embedded Applications	Electronics
16-17	Fri-Sat	National Seminar	Physics
17	Sat	Environmental Awareness Programme	Botany, BT & MB
		Story Maker Competition and Viscom Cine Plaza	Viscom (PG)
19	Mon	Intradepartmental Seminar for Students	Chemistry
20	Tue	Workshop for Business Administration Students	BBA
21	Wed	Guest Lecture on Advertising	Viscom (PG)
22	Thu	Education tour to Machkund Power Plant	Electronics
27-29	Tue-Thu	Workshop on “Restructured Zoology Curriculum under CBCS” for Staff	Zoology
		Training Programme for Laboratory Supporting staff	Chemistry

<i>January 2017</i>			
Date(s)	Day	Event/Activity	Department
2-3	Mon-Tue	Debate for Literature students	English
3	Tue	Field Trip/Industrial Visit	Botany, BT & MB
4	Wed	Intradepartmental Seminar for Students	Chemistry
5	Thu	Inter-Collegiate Student workshop	Botany, BT & MB
16-21	Mon-Sat	Training Programme on “Agriculture” for Students at Kakinada	Zoology
16	Mon	Invited Talk for Mathematics Students	Mathematics
		Guest Lecture	Physics
		National Seminar on Animal Biotechnology- Future Prospects	Zoology
17	Tue	Seminar on Solid State Luminaries	Electronics
		Guest Lecture on Film Making	Viscom
18	Wed	Placement Training for III B.Sc., Chemistry Students	Chemistry
		Field Visit for M.Sc., Physics Students	Physics (PG)
		Field Visit to KCP Sugars, Vuyyuru	Physics
18-21	Wed-Sat	Photography Tour to Kerala	Viscom (PG)
19	Thu	Hi-Media Workshop to Students	Botany, BT & MB
20	Fri	Work Shop on MATLAB	Electronics
		Guest Lecture (అతిథి ఉపన్యాసం)	Sanskrit
20-21	Fri-Sat	Training Programme for Students and Faculty on Bioinformatics & Cheminformatics	Zoology
21	Sat	Coaching for PG Entrance Examinations	Physics
		Workshop on Android App Development	Computer Science
		Guest lecture for Business Administration Students	BBA
23	Mon	Academic Competitions - Quiz	Statistics
		Talk on Research Methodology for II B.A. Students	Economics
24	Tue	Environmental Awareness Programme	Botany, BT & MB
		Computer Training Programme for the Staff	Mathematics
		Guest Lecture on Animation	MAS
25	Wed	National Voters Day Celebrations	Political science
		Guest Lecture on Composing	MAS
27	Fri	Popular talks on Chemistry for B.Sc., Students	Chemistry
28	Sat	Educational Tour to Sriharikota	Physics
		Lab to Society	Botany, BT & MB
		One day National Workshop for Students & Staff	English
		Guest Lecture for Business Administration Students	MBA
		Visit to Old Age Home (Extension Activity)	MCA
30	Mon	Lab to School – Extension Activity	Computer Science
		Guest Lecture on OFC	Electronics
31	Tue	Health Awareness Camp for Staff & Students	Physics

<i>February 2017</i>			
Date(s)	Day	Event/Activity	Department
2	Thu	Workshop on Arduino and Application Design	Electronics
3	Fri	Power Point Presentation Competition to III B.Sc., Students	Computer Science
3-4	Fri-Sat	Industrial Visit Training Programme for Students and Staff on “Bioinformatics”	Chemistry Zoology
4	Sat	MANUS – 2K17 (National Level Academic Competitions) Career Guidance for Higher Studies	BBA Physics
7	Tue	Workshop on ‘R’ Language for Students	MCA
8	Wed	Intrdepartmental Seminar for Students	Chemistry
9	Thu	Guest Lecture for Statistics Students	Statistics
10	Fri	Seminar on Direction	Viscom
10-11	Fri-Sat	Guest lecture on Filmmaking Career Guidance for Higher Studies Magnalite – 2K17 (National Level Academic Competitions for Students)	Viscom (PG) Mathematics MBA
11	Sat	Literary Books Fest Tourism Development in Andhra Pradesh by Dr. J. Krishna Kumar	English History
13	Mon	Career Guidance Programme for M.Sc., Physics Students Guest Lecture	Physics (PG) Chem, Botany, BT & MB
14	Tue	Industrial Visit to NTPS Field Visit to Auto Nagar Industrial Estates for II and III B.A. Students	Electronics Economics
15	Wed	Placement Training for III B.Sc., Chemistry Students	Chemistry
16	Thu	Guest Lecture for I Year M.Sc., Chemistry Students	Chemistry (PG)
17	Fri	Orientation Programme for Students - Biology as career	Botany, BT & MB
18	Sat	Coaching for PG Entrance Examinations	Physics
21	Tue	International Mother Tongue Day (అంతర్జాతీయ మాతృభాషాదినోత్సవం)	Oriental Languages
23	Thu	Invited Talk for Literature Students & Staff	English
28	Tue	Workshop for Physics Staff on the eve of National Science Day	Physics

<i>March 2017</i>			
Date(s)	Day	Event/Activity	Department
10	Fri	Guest Lecture for M.Sc., Physics Students	Physics (PG)
17	Fri	Industrial Tour I Year M.Sc., Chemistry Students	Chemistry (PG)
18	Sat	Guest Lecture for Computer Science Students	MCA
25	Sat	Guest Lecture for Business Administration Students	MBA

<i>April 2017</i>			
Date(s)	Day	Event/Activity	Department
8	Sat	Quiz/Book Review Seminar for Students	MBA MCA
Summer Training Programme			Botany, BT & MB

ANDHRA LOYOLA COLLEGE (AUTONOMOUS), VIJAYAWADA-8

Accredited at A⁺ Grade with a CGPA of 3.66/4.00 in III Cycle by NAAC



Annexure - III

Annual Academic Report
2016-2017

Andhra Loyola College (Autonomous), Vijayawada - 8
Academic Report (2016-2017)

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Andhra Loyola College (Autonomous), Vijayawada - 8 Annual Academic Report (2016-2017)

1. New Officials:

The commencement of the current academic year has seen some changes in the administrative set up of the College.

Dr.G.Sambasiva Rao, of Telugu, and Ms.A.Lavanya, of Computer Science Departments respectively have been appointed Vice Principals for our Degree Wing, and Ms.N.Bharathi of MBA Department has been appointed Vice-Principal for the PG Section in the place of Mr.M.Arokiasamy of Mathematics and Ms.A.Mary Manjula Rani of MCA Departments respectively.

Dr.Ch.Srinivasu, of Physics Dept. has been appointed Secretary- Academic Activities in the place of Dr.B.Siva Kumari of Botany Department. Dr.B.Venkateswara Rao of Chemistry, Dr.B.Raju of English and Dr.B.Syam Sundar of Commerce Departments have been appointed Deans of Science, Arts, Commerce and Humanities and Students Activities respectively in the Place of Dr.N.Srinivasa Rao of Statistics, Dr.M.Sivaram of Sanskrit and Mr.D.Praveen of English Departments. Dr.K.Rayappa Reddy of Chemistry Department has taken the place of Dr.D.Bala Karuna Kumar of the same Department as the Assistant Controller of Examinations.

Rev Fr. G.Rayappa, SJ, an Alumnus, has taken the place of Rev Fr. Selvin, SJ, who has been transferred, as the Director of Gogineni Hostel.

While we extend a hearty welcome to the new officials, who have assumed office this year, I place on record all our sincere gratitude and whole-hearted appreciation to the outgoing officials.

PROFILE OF THE COLLEGE:

2. Student Strength:

The total number of the students in the College for the current academic year is 4464, the highest ever in our College history, representing 24 out of the total 29 States in our Country from Meghalaya to Maharashtra and New Delhi to Kerala speaking 29 different Mother Tongues. Of this total strength, 1097 are in the Intermediate Wing, 2962 in the Degree Wing and 405 in the Postgraduate Wing.

3. Teaching and Non Teaching Staff:

The College has a total Teaching Faculty Strength of 191 and Non-Teaching Staff strength of 102. At the beginning of this academic year 27 Teaching Staff Members have been recruited in the Degree, Postgraduation and Intermediate Departments. Four Administrative Staff have also been recruited in different Departments.

Of these 191 Teaching Faculty, 54 have their Ph.D, 37 have their M.Phil and 24 have qualified either in NET or SET. 16 of our Senior Faculty Members are recognized Research Guides of Different Universities in various disciplines.

4. Number of Courses:

As on today, our College has 5 Intermediate Courses with six Sections, 23 UG Courses with 29 Sections and 8 PG Courses. May I inform one and all here that we were forced to go in for one each additional section in Maths, Statistics and Computer Science and Maths, Physics and Computer Science Combinations in B.Sc. and Economics, History and Political Science Combination in B.A because of the continuous and consistent requests of parents and their children, who, by all means, wanted to study in our College.

5. Examination Results:

Our Intermediate, Degree and PG students scored an overall 93, 92 and 95 pass percentages respectively for the last academic year.

I congratulate the Vice-Principals as well as all the Faculty Members for achieving these praise-worthy results. I also thank the Controller of Examinations, the Assistant Controllers and their team for their painstaking work in bringing out the Degree results on time.

HIGHLIGHTS OF THE ACADEMIC YEAR:

1. Inauguration of Rev.Fr.T.A.Mathias,SJ, Girls Hostel

I am happy to inform one and all that a fourth Hostel was inaugurated in the campus on 29.09.2016 during this Academic Year. This Hostel for Girls has been named after Rev.Fr.T.A.Mathias,SJ, the founder Principal of our College. For construction of this Hostel the UGC Sanctioned Rs. 80,00,000/- in the year 2008 and the Management contributed more than Three Crores of rupees and completed the construction of this Hostel.

2. Launch of ALANA-MANNA

As part of our initiatives for the Year of Mercy (2016) declared by the first ever Jesuit Pope Francis, our College launched ALANA-MANNA programme to feed the Destitute in our vicinity as part of our Extension Programme - Andhra Loyola Assistance for Neighbourhood Advancement (ALANA). Our DOVE (Delegates Of Value Education), volunteers go out every evening to feed and care for the abandoned and the destitute under this programme.

3.The Department of Science and Technology (DST) , Govt. of India sanctioned a grant of Rs. 9,75,000/- on 24th August, 2016 to our College to organize an INSPIRE Internship Science Camp for the Intermediate Science Students, which was conducted from 17th to 21st October 2016.

I hereby place on record our sincere appreciation to Dr.D.V.Satish of Physics and Dr.K.Rayappa Reddy of Chemistry Departments respectively, the Co-Ordinators of this Programme.

4.Career Oriented Courses: The University Grants Commission (UGC) sanctioned in September 2016 a grant of Rs.15,30,000/- to our College for two Career Oriented Courses in Telugu Performing Folk Art Forms and Green House Management.

I hereby place on record our sincere appreciation to Mr.G.M. Srirangam of Zoology Department for preparing the Detailed Project Reports for these Courses and to Dr.R.Ravindra Bhas of Telugu and Dr.B.Siva Kumari of Botany Departments respectively, the Co-ordinators of these Career Oriented Courses.

.5.Minor Research Projects: The University Grants Commission (UGC) sanctioned four Minor Research Projects worth Rs.6,85,000/- in October, 2016 to Dr.G.V. Ramana of Chemistry, Dr.G. Sahaya Bhaskaran of Physics, Dr.K.Sekhar of Telugu and Ms.V.Kavitha of Biotechnology Departments respectively of our College.

6.National Seminars/Workshops: The University Grants Commission (UGC) sanctioned five National Seminars and a Workshop in October 2016 with a grant of **Rs.3,78,000/-** to our HEPSN, Hindi, Botany, Microbiology, Political Science and Mathematics Departments.

I place on record here all our sincere appreciation to the Organizing Secretaries of these National Workshop and Seminars, namely, Dr.G. Sahaya Bhaskaran of HEPSN, Dr.G.Dhana Lakshmi of Hindi, Dr.A.Samuel Dayakar of Political Science, Mr.K. Balachandra of Microbiology, Dr.B.Siva Kumari of Botany and Dr.N.V. Ramana Murthy of Mathematics Departments respectively.

Our College **HEPSN** Unit has already conducted this UGC sponsored National Seminar on “Challenges and Opportunities for the Physically Challenged Persons” on 4th & 5th Jan., 2017. Further, the Departments of Hindi, Botany, Microbiology and Political Science, which have been sanctioned UGC financial assistance, will be conducting their respective National Seminars in the course of this academic year.

7.ICPR National Seminar: The Indian Council of Philosophical Research, MHRD, Govt. of India, New Delhi, sanctioned a grant of Rs.1,00,000/- in October 2016 to our Department of Ethics & Religion to organize a National Seminar on “Ethical Issues of Geriatric Care in India”, the first of its kind in our area and in our College History.

I place on record here our wholehearted congratulations to Dr.K.Job Sudarshan, Head, Department of Ethics & Religion, who is the Organizing Secretary of this National Seminar, for conducting this Seminar on 28th – 29th October, 2016.

8.Activities Conducted Under DBT Star College Scheme:

Under the DBT Star College Scheme, our College has conducted a total number of 9 Guest Lectures, 5 National level Hands on Training Programmes, 3 Regional Level Training Programmes, one International Level Training Programme, 11 Field Trips, 3 Interactive Sessions, 2 Lab to School Programmes, one Teacher Training Programme, 1 Pulses for Sustainability-District Level Programme, 2 e-Content Development Programmes, 4 Environmental Awareness Programmes, 2 Orientation Programmes for School Teachers, 3 Plantation Programmes and 3 Health Awareness Programmes so far.

Prominent among them are the three day International Conference on “New Approaches in Agriculture, Food and Environmental Sciences” (Pulses for Sustainable Development and Food Security) – NAAFES-2016 was held from 22nd - 24th December, 2016, organized by the Departments of Botany, Micro-biology and Biotechnology; the two day National Workshop on “Physico-Chemical and Analytical Techniques for L-8 to L-10 Students” conducted by our Chemistry Department on 23rd -24th September, 2016, and the two day National Seminar on “Advances in Biomaterials and Characterization Techniques (ABCT17)” conducted by our Physics Department on 20th & 21st January, 2017.

I place on record all our sincere appreciation to Dr.B.Siva Kumari of Botany Dept., our College DBT Star College Scheme Coordinator and the Convenor, Mr.P.Srinivasa Rao, Ms.M.Glory, and Ms.V.Kavitha, the Heads of Botany, Microbiology and Biotechnology Departments respectively, and the Organizing Secretaries of this first ever International Conference in our College history; to Dr.G.V.Ramana, Head of Chemistry Department and Dr.Y.Hanumantha Rao, the Organizing Secretary of the Chemistry National Workshop, and Dr.G.Murali Krishna, Head of Physics Department and Dr.G.Sahaya Baskaran, the Organizing Secretaries of the Physics National Seminar.

I also hereby place on record our appreciation to all the Heads and Faculty Members of the six participating Departments of Star College Scheme for conducting all these programmes.

9.Our Departments of **Arts and Languages** conducted a Two Day National Seminar in collaboration with ICHR and ICSSR, Govt. of India, New Delhi, on “The Impact of Ambedkarism on Indian Reality” on 3rd - 4th December, 2016 to commemorate the 125th Birth & 60th Death Anniversaries of Bharat Ratna Dr.B.R.Ambedkar.

I place on record here all our appreciation to Dr.B.Raju, the Organizing Secretary, Sri.K.V.Vijaya Babu, Dr.M.Sivaram, Dr.M.Srinivasa Reddy, Dr.B.Baby Rani and Dr.D.Krupa Rao

Heads of Political Science, Sanskrit and Hindi, History, Economics and Telugu Departments respectively, the Convenors of this National Seminar and all the Faculty Members.

Special Appreciation Awards for Research:

The two separate Special Appreciation Awards for Research in Sciences, and Arts, Commerce and Languages instituted last year are being awarded to Dr.K.Rayappa Reddy of Chemistry and Dr.B.Syam Sundar of Commerce Departments respectively for their Research output for this Academic Year.

Special Award for Organizational Assistance:

The Management has instituted this year a Special Award for Organizational Assistance in recognition of the yeomen service rendered by our Faculty Members. And I am happy to announce that Sri J.V. Nagendra Prasad of Physical Education, Dr.N.A. Francis Xavier of Commerce, Ms.N. Nirmala Mary of English, Sri P.V.S. Sairam of Physics, Dr.N. Suresh Babu of Sanskrit, Dr.D. Krupa Rao of Telugu and Dr.A. Samuel Dayakar of Political Science Departments have been selected for this Award for this Academic year.

Awards/Honours/Recognitions:

Quite a few of our Faculty Members have won a good number of Awards and Recognitions, from our 62nd College Day onwards ; prominent among them are -

Dr.Gumma Sambasiva Rao of our Telugu Dept., who was honoured by A.P. State Government with the prestigious Ugadi Puskaram-2016, for his contribution to Telugu Literature over the years, **Dr.M.C.Rao of Physics Dept.**, who has been presented with an Outstanding Researcher Award by Aufau International Awards -2016, in recognition of his significant Research Contribution in Physics, and

Dr.S.Poorna Prabhat, of M.B.A Dept., who won two Gold Medals, one for Young Faculty Award-2016 in Marketing Field from Venus International Faculty Awards, Chennai, and another for National Award of Excellence in Business Management from Global Management Council, Gujarat.

RESEARCH ACTIVITIES:

1. Ph.D. Awarded:

Five of our Teaching Faculty viz., Ms. G.Syamala, Dept. of English, Mr.B. Johnson, Dept. of Physics, Mr.Y.Subba Reddy, Dept. of Chemistry, Mr.B.Vijay Raj, Dept. of Paramedical & Hospital Administration and Mr.K.B.S.Sastry, Dept. of Computer Science have been awarded Ph.D. degree in their respective subjects by different Universities. With these, the total number of Ph.D. holders among our staff goes upto 54.

2. Ph.D. Thesis Submitted:

Three of our Faculty viz., Mr.P. Srinivasa Rao, Dept. of Botany, Ms.A.Madhuri and Mr.B. Gopala Krishna Murthy of MBA Department, have submitted their Ph.D theses.

3. Research Guidance:

Ph.D. Awarded:

Two Research Scholars under the guidance of Dr.Ch.Srinivasu and Dr.G.Srinivasa Rao of Physics Dept., were awarded Ph.D. degrees in Physics during this academic year.

Academic Auditors:

Seven of our Faculty Members conducted Academic Audit at different Colleges during this academic year on behalf of CCE, Govt. of A.P, Vijayawada.

They are: Dr.G.Srinivasa Rao of Physics, Dr.N.V. Ramana Murthy of Mathematics, Dr.M.Srinivasa Reddy of History, Dr.N.A. Francis Xavier of Commerce, Dr.N. Srinivasa Rao of Statistics, Dr.B. Siva Kumari of Botany and Sri G.M. Srirangam of Zoology Departments

1. Pratibha Awards - 2016:

Six of our Students namely T. Suvarchala (RH-7), A.Divya (DML-67), K.Suharshan (DML-69), K.Kalyani (NMPH-08), S.Lalitha (DMCA-14) and N.Keertana (DMCA-12) won the Andhra Pradesh State Government's Prestigious Prathiba Awards - 2016.

2. Our Students have won 54 Individual Prizes of Merit so far at various State and National Level Literary and Cultural Competitions.

Our sincere thanks are due here to Dr.B.Syam Sundar, the Dean of Student Activities, for enabling our students to achieve all these and many others.

Publications: 2016-17

A good number of our lecturers have published scholarly articles in reputable national and international journals.

1. **Dr Marrivada Sivaram, Lecturer in Sanskrit**, Published a research article titled "Vedic thoughts on Air Pollution "is published in "VEDA VIJNANA TARANGINI "with ISBN No 9789381887660 (Proceedings of National Conference on VEDA AND SCIENCE 17th 20th March 2015, published by Sri Venkateswara Vedic University –Tirupati.
2. **Dr. G. Srinivasa Rao, Reader in Physics**, Published a research article titled "Comparative studies of intermolecular interaction of aromatic amines with ethyl lactate at different temperatures" in J. Chem. Thermodynamics 104 (2017) 24–32.
3. **Dr. Narayanam Suresh Babu, Lecturer in Sanskrit**, Published a research article titled *प्रमुखस्मृतिग्रन्थेषु योगविषयाः* (Pramukhasmutigrantheshu yogavishayaah) in the famous ISSN(Online) 2455-1678, Journal of Indian Languages and Literature Vol-1, Issue-3, August-2016.
4. **Dr.B.Raju, Lecturer in English**, Published a research article titled "Investigating Dalit Perspectives through Bama's Vanmam(Vendetta)". in literature BAMA A Dalit Feminist edited by R.K.Dhavan & Sumita Puri by Prestige Books
5. **Mr.P.Chenchu Babu, Lecturer in Mathematics**, Published a research article titled "Fundamental group of Heisenberg group" in International Journal of Science and Applied Research, Vol.3, (2016) Issue:8, pp130- 133, ISSN: 2394– 384X.
6. **A.Shou Reddy, Lecturer in Mathematics**, Published a research article titled "Basics on Chromatic polynomials in Graphs", International Journal of Current Research in Multi Disciplinary(IJCRM)ISSN:2456-0979 vol 1.
7. **A.Shou Reddy, Lecturer in Mathematics** Published a research article titled "Review Concept of Application of Differential Equations" in International Journal of Latest Engineering Research and Applications(IJLERA)ISSN:2455-7137,vol1,issue3.
8. **Fr. G.M.Victor Emmanuel,SJ, Lecturer in Mathematics**, Published a research article titled "Some Results on Approximationsof Prime s-ideals in Seminearrings" in Mathematical Sciences International Research Journal, Vol.5, (2016), pp 31 - 33, ISSN: 2278 – 8697.
9. **Mr.P.Venu Gopala Rao,Lecturer in Mathematics**, Published a research article titled "Some Results on Approximations of Prime s-ideals in Seminearrings" in Mathematical Sciences International Research Journal, Vol.5, (2016), pp 31 - 33, ISSN: 2278 – 8697.
10. **Mr. M.Maria Das, Lecturer in Mathematics**, Published a research article titled "Some Results on Approximations of Prime s-ideals in Seminearrings" in Mathematical Sciences International Research Journal, Vol.5, (2016), pp 31 - 33, ISSN: 2278 – 8697.

11. **Dr. G. Srinivasa Rao, Reader in Physics**, Published a research article titled “Chemical durability, thermal stability and spectroscopic studies of the influence of Ni²⁺ ions in oxyfluorophosphate glasses” in Journal of Materials Science: Materials in Electronics, DOI 10.1007/s10854-016-4909-3.
12. **Dr. G. Srinivasa Rao, Reader in Physics**, Published a research article titled “Activity coefficients and excess Gibbs energy functions of acetophenone with 1,2-dichloroethane and 1,1,2,2-tetrachloroethane binary mixtures by using NRTL, UNIQUAC, UNIFAC and VAN LAAR models at a local atmospheric pressure of 95.3 kPa” in Karbala International Journal of Modern Science, 2 (2016) 211-218.
13. **Dr. G. Srinivasa Rao, Reader in Physics**, Published a research article titled “Comparative studies of intermolecular interaction of aromatic amines with ethyl lactate at different temperatures” in J. Chem. Thermodynamics 104 (2017) 24–32.
14. **Dr. G. Sahaya Baskaran, Lecturer in Physics**, Published a research article titled ‘Effect of ZrO₂ on the bioactive properties of B₂O₃–SiO₂–P₂O₅–Na₂O–CaO glass system, Journal of Non-Crystalline Solids 452 (2016) 23–29
15. **Dr. G. Sahaya Baskaran, Lecturer in Physics**, Published a research article titled “identifying efficient modifier oxide in improving bioactivity of Fe₂O₃ doped calcium oxy fluoro borophosphate glasses”, Journal of Alloys and Compounds 692 (2017): 219-226.
16. **Dr. G. Sahaya Baskaran, Lecturer in Physics**, Published a research article titled “Thermoluminescence Features of Alumina-Mixed Borophosphate Glasses With Tb³⁺ Ions for Dosimetry Applications”, International Journal of Applied Glass Science, doi:10.1111/ijag.12223.
17. **Dr. G. Sahaya Baskaran, Lecturer in Physics**, Published a research article titled ‘Review on Nanolithography’, Journal of Chemical and Pharmaceutical Sciences 10 (2017) 604.
18. **Dr. G. Sahaya Baskaran, Lecturer in Physics**, Published a research article titled “Nanotechnology in dentistry: Present and future perspectives, Journal of Chemical and Pharmaceutical Sciences 10 (2017) 577.
19. **Dr. M. C. Rao, Lecturer in Physics**, published a research paper titled , Emerging Trends in Nanopolymer Composite Materials J. Chem. Bio. Phy. Sci. Sec. C, 6(3) (2016) 944-950.
20. **Dr. M. C. Rao, Lecturer in Physics**, published a research paper titled , Morphological and electrochemical Properties of LiMn₂O₄ Thin Films Der Pharm. Che. 8 (7) (2016) 74-79.
21. **Dr. M. C. Rao, Lecturer in Physics**, published a research paper titled “Preparation and Structural Characterization of Mn²⁺ Doped CdTe Nanoparticles by Co- precipitation” J. Chem. Pharm. Res. 8(5) (2016) 310-313.
22. **Dr. M. C. Rao, Lecturer in Physics**, published a research paper titled “ Advancements in Layered Cathode Materials for Lithium ion Batteries” J. Chem. Pharm. Res. 8(5) (2016) 450-456.
23. **Dr. M. C. Rao, Lecturer in Physics**, published a research paper titled Microstructural and Electrochemical Studies on Laser Ablated LiNiO₂ Thin Films J. Chem. Pharm. Res. 8(5) (2016) 677- 684.
24. **Dr. M. C. Rao, Lecturer in Physics**, published a research paper titled “Luminescent Studies on Mn²⁺ Doped CdTe Nanoparticles” J. Chem. Pharm. Res. 8(5) (2016) 721-724.
25. **Dr. M. C. Rao, Lecturer in Physics**, published a research paper titled GC-MS Screening of Bioactive Compounds from Seeds of Croton Bonplandianum Baill (Euphorbiaceae) Der Pharm. Lett. 8(9) (2016) 341-348.
26. **Dr. M. C. Rao, Lecturer in Physics**, published a research paper titled Spectroscopic and luminescent properties of Co²⁺ doped tin oxide thin films by spray pyrolysis AIMS Mater. Sci., 3(3) (2016) 796-807.

27. **Dr. M. C. Rao, Lecturer in Physics**, published a research paper titled Validated Isocratic Reversed Phase Liquid Chromatographic Method for the Determination of Darunavir in Pure and Formulations *Der Pharm. Lett.* 8(10) (2016) 222-228.
28. **Dr. M. C. Rao, Lecturer in Physics**, published a research paper titled Development and Validation of New Stability Indicating RP-HPLC Method for the Assay of Atazanavir in Pure and Dosage Forms *Der Pharm. Lett.* 8(13) (2016) 259-266.
29. **Dr. M. C. Rao, Lecturer in Physics**, published a research paper titled Spectroscopic Studies on PVP Based Composite Polymer Electrolyte Films for Solid State Battery Application *Rasayan J. Chem.*, 9(3) (2016) 348-354.
30. **Dr. M. C. Rao, Lecturer in Physics**, published a research paper titled Development and Validation of Some New UV-Visible Spectrophotometric Methods for the Assay of Indinavir in Pure and Dosage Forms *Rasayan J. Chem.*, 9(3) (2016) 393-400.
31. **Dr. M. C. Rao, Lecturer in Physics**, published a research paper titled A Rapid RP-HPLC Method Development for Quantitative Estimation of Indinavir in Pure and Dosage Forms *Der Pharm. Lett.*, 8 (14) (2016) 132-139.
32. **Dr. M. C. Rao, Lecturer in Physics**, published a research paper titled Development of New Visible Spectrophotometric Assay Methods for Atazanavir in Pure and Dosage Forms *Res. J. Pharm. Biolo. Chem. Sci.*, 7(5) (2016) 3042-3050.
33. **Dr. M. C. Rao, Lecturer in Physics**, published a research paper titled Development and Validation of Sensitive RP-HPLC Method for the Estimation of Glibenclamide in Pure and Tablet Dosage Forms *Der Pharm. Lett.*, 8 (15) (2016) 101-106.
34. **Dr. M. C. Rao, Lecturer in Physics**, published a research paper titled Validation of Spectrophotometric Methods for the Assay of Zolmitriptan in Dosage Forms *Der Pharm. Lett.*, 8 (15) (2016) 125-132.
35. **Dr. M. C. Rao, Lecturer in Physics**, published a research paper titled Synthesis and Characterization of Transition Metal Doped L-cysteine Hydrochloride Monohydrate Single Crystal by Conventional and Unidirectional Method and its Comparative Study *Mater. Res. Innov.*, 20(7) (2016) 538-544.
36. **Dr. M. C. Rao, Lecturer in Physics**, published a research paper titled Effect of Transition Metal (TM) Ions on Polyvinyl Alcohol Capped ZnSe Nanoparticles *J. Bionanoscience* 10(5) (2016) 424-429.
37. **Dr. M. C. Rao, Lecturer in Physics**, published a research paper titled Influence of Fe₃O₄ Nanoparticles Dispersed in Liquid Crystalline Compounds – Spectroscopic Characterization *Rasayan J. Chem.*, 9(4) (2016) 556-565.
38. **Dr. M. C. Rao, Lecturer in Physics**, published a research paper titled Synthesis and Characterization of Schiff Base Liquid Crystals with Dispersed ZnO Nanoparticles-Optical Properties *Rasayan J. Chem.*, 9(4) (2016) 588-596.
39. **Dr. M. C. Rao, Lecturer in Physics**, published a research paper titled Synthesis and Characterization of Citrate Capped Gold Nanoparticles and their Effect on Liquid Crystals – Optical Studies *Rasayan J. Chem.*, 9(4) (2016) 697-705.
40. **Dr. M. C. Rao, Lecturer in Physics**, published a research paper titled Spectroscopic Studies on PVA Capped ZnSe Nanoparticles *Optoelect. & Adv. Mater.*, (Rapid Commu.) 10 (11-12) (2010) 889-892.
41. **Dr. M. C. Rao, Lecturer in Physics**, published a research paper titled Synthesis and Luminescent Properties of Fe³⁺ Doped CdTe Nanoparticles *Int. J. Chem. Sci.*, 14(4) (2016) 1997-2002
42. **Dr. M. C. Rao, Lecturer in Physics**, published a research paper titled Spectrophotometric Methods in the Analysis of Drugs in Pure and Dosage Forms *Int. J. Chem. Sci.*, 14(4) (2016) 2389-2396
43. **Dr. M. C. Rao, Lecturer in Physics**, published a research paper titled Investigations on CLHA and Doped CLHA Nanopowders by Mechanochemical Synthesis *Int. J. Chem. Sci.*, 14(4) (2016) 2433-2438

44. **Dr. M. C. Rao, Lecturer in Physics**, published a research paper titled Optical and EPR Studies of Cu^{2+} Doped SnO_2 Thin Films by Spray Pyrolysis Mater. Res. Innov., 21(2) (2017) 102-105.
45. **Dr. M. C. Rao, Lecturer in Physics**, published a research paper titled Nano-Dispersed Fe_3O_4 Liquid Crystal Compound Image Enhancement using Advanced Histogram Equalization Technique Res. J. Pharm. Biolo. Chem. Sci., 8(1) (2017)919-928
46. **Dr. M. C. Rao, Lecturer in Physics**, published a research paper titled Synthesis and Characterization of Citrate Capped Au Nanoparticle Dispersion in Liquid Crystalline Compound Res. J. Pharm. Biolo. Chem. Sci., 8(1) (2017) 1029-1038
47. **Dr. M. C. Rao, Lecturer in Physics**, published a research paper titled Synthesis and Characterization of Thiol Capped Silver Nanoparticles and their Effect on Liquid Crystals Rasayan J. Chem., 10(1) (2017) 16-24
48. **Dr. M. C. Rao, Lecturer in Physics**, published a research paper titled Citrate Capped Silver Nanoparticles Based Liquid Crystals-Spectroscopic Characterization Res. J. Pharm. Biolo. Chem. Sci., 8(1) (2017) 1678-1686
49. **Dr. M. C. Rao, Lecturer in Physics**, published a research paper titled Structural Studies on Citrate Capped Gold Nanoparticles Dispersed in Liquid Crystals Int. J. Chem Tech 10(2) (2017) in Press
50. **Dr. M. C. Rao, Lecturer in Physics**, published a research paper titled Effect of ZnO Nanoparticles Dispersed in Liquid Crystalline Alkoxy Benzoic Acids and Periodic Noise Reduction using Frequency Domain Filtering J. Pharm. Biolo. Chem. Sci.,8(2) (2017) in Press
51. **Dr. M. C. Rao, Lecturer in Physics**, published a research paper titled Structural and Luminescent Properties of PVA Capped ZnSe nanoparticles Mater. Res. Innov. (2017) in Press 34. Structural and Luminescent Properties of Fe^{3+} Doped PVA Capped CdTe Nanoparticles Mater. Sci., Poland (2017) in Press
52. **Dr. M. C. Rao, Lecturer in Physics**, published a research paper titled Structural and Dielectric Properties of PVP Based Composite Polymer Electrolyte Thin Films J. Inorg. & Organomet. Poly. Mater., (2017) in Press
53. **Dr. M. C. Rao, Lecturer in Physics**, published a research paper titled Optical and Dielectric Properties of PVP Based Composite Polymer Electrolyte Films Poly. Sci., (2017) in Press
54. **Dr. M. C. Rao, Lecturer in Physics**, published a research paper titled Structural and Luminescent Properties of Fe^{3+} Doped Tin Oxide Thin Films by Spray Pyrolysis J. Optoelect. Adv. Mater., (2017) in Press
55. **Dr. M. C. Rao, Lecturer in Physics**, published a research paper titled Optical and EPR Studies of Fe^{3+} Doped Tin Oxide Thin Films by Spray Pyrolysis J. Optoelect. Adv. Mater., (2017) in Press
56. **Dr. M. C. Rao, Lecturer in Physics**, published a research paper titled Schiff Base Liquid Crystalline Compounds with Dispersed Citrate Capped Gold Nanoparticles - Optical and Textural Analysis Rasayan J. Chem., 10 (1) (2017) in Press
57. **Dr. M. C. Rao, Lecturer in Physics**, published a research paper titled Validation of Stability Indicating RP-HPLC Assay Method of Tofisopam in Pharmaceutical Dosage Form Res. J. Pharm. Biolo. Chem. Sci., 8(2) (2017) in Press
58. **Dr. M. C. Rao, Lecturer in Physics**, published a research paper titled Microstructural Features of Ni^{2+} Doped PVA Capped CdTe Nanoparticles Res. J. Pharm. Biolo. Chem. Sci., 8 (2)(2017) in Press
59. **Dr. M. C. Rao, Lecturer in Physics**, published a research paper titled Spectroscopic Studies on VO^{2+} Doped SnO_2 Thin Films by Spray Pyrolysis Res. J. Pharm. Biolo. Chem. Sci., 8 (2)(2017) in Press

60. **Dr. M. C. Rao, Lecturer in Physics**, published a research paper titled Spectral Characterization on Mn²⁺ Doped TiO₂ Thin Films Res. J. Pharm. Biolo. Chem. Sci., 8 (2)(2017) in Press
61. **Dr. M. C. Rao, Lecturer in Physics**, published a research paper titled Synthesis and Structural Studies on TiO₂ Thin Films Res. J. Pharm. Biolo. Chem. Sci., 8 (2)(2017) (2017) in Press
62. **Dr. M. C. Rao, Lecturer in Physics**, published a research paper titled Characterization and mesomorphic behaviour of Liquid Crystals with dispersed Fe₃O₄ nanoparticles Carmelight, 12(1) (2016) 91-101.
63. **Dr. M. C. Rao, Lecturer in Physics**, published a research paper titled Economic Load Dispatch with Multiple Fuel Options using GA Tool box in Matlab Energy Proc. (2017) in Press.

64. **Dr. M. C. Rao, Lecturer in Physics**, published a research paper titled
65. **P.V.S.Sairam, Lecturer in Physics**, Published a research article titled “Healthcare Applications of the Internet of Things (IoT): A Review” in the International Journal of Computer Science and Information Security 9ISSN 1947 5500) in the IJCSIS Volume 14 Special Issue October 2016
66. **Dr.G.V.Ramana, Lecturer in Chemistry** , published a research paper titled Validated Isocratic Reversed Phase Liquid Chromatographic Method for the Determination of Darunavir in Pure and Formulations Der Pharm.Lett. 8(10) (2016) 222-228.
67. **Dr.G.V.Ramana, Lecturer in Chemistry** , published a research paper titled Development and Validation of New Stability Indicating RP-HPLC Method for the Assay of Atazanavir in Pure and Dosage Forms Der Pharm.Lett. 8(13) (2016) 259-266.
68. **Dr.G.V.Ramana, Lecturer in Chemistry** , published a research paper titled Development and Validation of Some New UV-Visible Spectrophotometric Methods for the Assay of Indinavir in Pure and Dosage Forms Rasayan J. Chem., 9(3) (2016) 393-400.
69. **Dr.G.V.Ramana, Lecturer in Chemistry** , published a research paper titled A Rapid RP-HPLC Method Development for Quantitative Estimation of Indinavir in Pure and Dosage Forms Der Pharm. Lett., 8 (14) (2016) 132-139.
70. **Dr.G.V.Ramana, Lecturer in Chemistry** , published a research paper titled Development of New Visible Spectrophotometric Assay Methods for Atazanavir in Pure and Dosage Forms Res. J. Pharm. Biolo. Chem. Sci., 7(5) (2016) 3042-3050.
71. **Dr.G.V.Ramana, Lecturer in Chemistry** , published a research paper titled Development and Validation of Sensitive RP-HPLC Method for the Estimation of Glibenclamide in Pure and Tablet Dosage Forms Der Pharm. Lett., 8 (15) (2016) 101-106.
72. **Dr.G.V.Ramana, Lecturer in Chemistry** , published a research paper titled Effect of solvent composition on total phenol and flavonoids content of Withania somnifera, Journal of Chemical and Pharmaceutical Sciences, Volume 10 Issue 1 (2016)601-603.
73. **Dr.Y.Hanumantha Rao, Lecturer in Chemistry**, Published a research article titled “ Silver nanoparticles-chitosan composites: preparation, characterization and solubility in acidic medium”, Journal of Chemical and Pharmaceutical Sciences, January - March 2017 JCPS Volume 10 Issue 1, Pg 580-581 (ISSN: 0974-2115).
74. **Dr.Y. Hanumantha Rao, Dept. of Chemistry**, Published a research article titled “Biosynthesis of silver nanoparticles using Myrtagyna parvifolia leaf extract”, Journal of Chemical and Pharmaceutical Sciences, January - March 2017 JCPS Volume 10 Issue 1, Pg 606-607 (ISSN: 0974-2115)
75. **Dr. Y. Hanumantha Rao, Lecturer in Chemistry**, published a research paper titled “A review on Fluoride Pollution in drinking water” in the international Journal of Engineering Research. Vol. 4., S2, 2016, ISSN: 2321-7758.
76. **Dr. Y. Hanumantha Rao, Lecturer in Chemistry**, published a research paper titled “A Study on Nanotechnology and its application in various fields” in the Indian Journal of

- research in Pharmacy and Biotechnology. Nov-Dec2016, ISSN: 2321-5674 (Print); 2320-3471(Online).
77. **Dr. Y. Hanumantha Rao, Lecturer in Chemistry**, published a research paper titled "Usage of Nano Insulation materials- A good solution for energy Efficient Buildings" in the Indian Journal of research in Pharmacy and Biotechnology. Nov-Dec 2016, ISSN: 2321-5674 (Print); 2320-3471(Online)
 78. **Dr. Y. Hanumantha Rao, Lecturer in Chemistry**, published a research paper titled "Power stations – Thermal Pollution of water bodies relevant Environmental Legislation of Ecological Systems" in the international Journal of Engineering Research. Vol. 4., S2, 2016, ISSN: 2321-7758.
 79. **Dr. Y. Hanumantha Rao, Lecturer in Chemistry**, published a research paper titled "Innovations in Nanotechnology in Water purification" in the Indian Journal of research in Pharmacy and Biotechnology. Nov-Dec 2016, ISSN: 2321-5674 (Print); 2320-3471(Online).
 80. **Dr. Y. Hanumantha Rao, Lecturer in Chemistry**, published a research paper titled "Green nanoparticles synthesized from roots of Datura metel and evaluation of anti microbial activity" in the Journal of Pharmacy Research 2016,10(11),730-734 ; ISSN: 0974-6943(Online).
 81. **Dr. Y. Hanumantha Rao, Lecturer in Chemistry**, published a research paper titled "Review on NanoLithography" in the Journal of Chemical and Pharmaceutical Sciences, JCPS Volume 10 Issue 1 , PgNo: 604-605 with ISSN: 0974-2115.
 82. **Dr. Y. Hanumantha Rao, Lecturer in Chemistry**, published a research paper titled "A view on transport and quantum confinement properties of nano-scale materials - applications" in the Journal of Chemical and Pharmaceutical Sciences, JCPS Volume 10 Issue 1 , PgNo: 568-569 with ISSN: 0974-2115.
 83. **Dr. Y. Hanumantha Rao, Lecturer in Chemistry**, published a research paper titled "Nanomaterials for Medical Applications: Benefits and Risks" in the Journal of Chemical and Pharmaceutical Sciences, JCPS Volume 10 Issue 1 , PgNo: 570-573 with ISSN: 0974-2115.
 84. **Dr. Y. Hanumantha Rao, Lecturer in Chemistry**, published a research paper titled "Biological synthesis of silver nano particles by using Bombax ceiba plant" in the Journal of Chemical and Pharmaceutical Sciences, JCPS Volume 10 Issue 1 , PgNo: 574-576 with ISSN: 0974-2115.
 85. **Dr. Y. Hanumantha Rao, Lecturer in Chemistry**, published a research paper titled "Nanotechnology in dentistry: Present and future perspectives" in the Journal of Chemical and Pharmaceutical Sciences, JCPS Volume 10 Issue 1 , PgNo: 577-579 with ISSN: 0974-2115.
 86. **Dr. Y. Hanumantha Rao, Lecturer in Chemistry**, published a research paper titled "Silver nanoparticles-chitosan composites: preparation, characterization and solubility in acidic medium" in the Journal of Chemical and Pharmaceutical Sciences, JCPS Volume 10 Issue 1 , PgNo: 580-582 with ISSN: 0974-2115.
 87. **Dr. Y. Hanumantha Rao, Lecturer in Chemistry**, published a research paper titled "Genetic and epigenetic effects of nanoparticles" in the Journal of Chemical and Pharmaceutical Sciences, JCPS Volume 10 Issue 1 , PgNo: 585-587 with ISSN: 0974-2115.
 88. **Dr. Y. Hanumantha Rao, Lecturer in Chemistry**, published a research paper titled "Fundamentals of Nanoscience and Technology – A Future Perspective" in the Journal of Chemical and Pharmaceutical Sciences, JCPS Volume 10 Issue 1 , PgNo: 591-592 with ISSN: 0974-2115.
 89. **Dr. Y. Hanumantha Rao, Lecturer in Chemistry**, published a research paper titled "Influence of Nano Materials in Medicine for next generation" in the Journal of Chemical and Pharmaceutical Sciences, JCPS Volume 10 Issue 1 , PgNo: 597-600 with ISSN: 0974-2115.

90. **Dr. Y. Hanumantha Rao, Lecturer in Chemistry**, published a research paper titled "Biosynthesis of silver nanoparticles using *Myragyna parvifolia* leaf extract" in the Journal of Chemical and Pharmaceutical Sciences, JCPS Volume 10 Issue 1 , PgNo: 606-607 with ISSN: 0974-2115.
91. **Dr. Y. Hanumantha Rao, Lecturer in Chemistry**, published a research paper titled "Fabrication of core-shell CdO/ZnS nanocomposites: Transition metal ions" in the Journal of Chemical and Pharmaceutical Sciences, JCPS Volume 10 Issue 1 , PgNo: 606-607 with ISSN: 0974-2115.
92. **Dr.K.Rayappa Reddy, Lecturer in Chemistry**, published a research paper titled "Comparative Studies Of Inter Molecular Interaction Of Aromatic Amines With Ethyl Lactate At Different Temperatures" in the Journal Of Chemical Thermodynamics with ISSN No. 0021-9614.
93. **Dr.K.Rayappa Reddy, Lecturer in Chemistry**, published a research paper titled Densities, Ultrasonic Velocities, Excess Properties and IR Spectra of Binary Liquid Mixtures of Organic Esters (Ethyl Lactate, Some Organic Carbonates) in the Journal Of Solution Chemistry with ISSN No. 0095-9782
94. **Dr.K.Rayappa Reddy, Lecturer in Chemistry**, published a research paper titled "Activity coefficients and excess Gibbs energy functions of acetophenone with 1,2-dichloroethane and 1,1,2,2-tetrachloroethane binary mixtures by using NRTL, UNIQUAC, UNIFAC and VAN LAAR models at a local atmospheric pressure of 95.3 kPa" in the
95. **Ms.S. Jyothi, Lecturer in Chemistry**, Published a research article titled "Biosynthesis of silver nanoparticles using *Myragyna parvifolia* leaf extract", Journal of Chemical and Pharmaceutical Sciences, January - March 2017 JCPS Volume 10 Issue 1, Pg 606-607 (ISSN: 0974-2115)
96. **Ms.K. Gayatri, Lecturer in Chemistry**, Published a research article titled "Biosynthesis of silver nanoparticles using *Myragyna parvifolia* leaf extract", Journal of Chemical and Pharmaceutical Sciences, January - March 2017 JCPS Volume 10 Issue 1, Pg 606-607 (ISSN: 0974-2115).
97. **Dr.B. Kannamba, Lecturer in Chemistry (PG)**, Published a research article titled, "Taxonomy and Bioactive chemicals from *Ganoderma* and *Phellinus* of India. Biological Forum" – An International Journal 8(2): 240-246, ISSN No. (Online): 2249-3239, Impact factor: 2.9
98. **Dr.B. Kannamba, Lecturer in Chemistry (PG)**, Published a research article titled " Silver nanoparticles-chitosan composites: preparation, characterization and solubility in acidic medium", Journal of Chemical and Pharmaceutical Sciences, January - March 2017 JCPS Volume 10 Issue 1, Pg 580-581 (ISSN: 0974-2115).
99. **Dr.B. Kannamba, Lecturer in Chemistry (PG)**, Published a research article titled "Biosynthesis of silver nanoparticles using *Myragyna parvifolia* leaf extract", Journal of Chemical and Pharmaceutical Sciences, January - March 2017 JCPS Volume 10 Issue 1, Pg 606-607 (ISSN: 0974-2115)
100. **Dr.B. Kannamba, Lecturer in Chemistry (PG)**, Published a research article titled "Effect of solvent composition on total phenol and flavonoids content of *Withania somnifera*", Journal of Chemical and Pharmaceutical Sciences, January - March 2017, JCPS Volume 10 Issue 1, Pg 601-603 (ISSN: 0974-2115)
101. **Ms.D. Winnei Teja, Lecturer in Chemistry (PG)**, Published a research article titled " Biosynthesis of silver nanoparticles using *Myragyna parvifolia* leaf extract", Journal of Chemical and Pharmaceutical Sciences, January - March 2017 JCPS Volume 10 Issue 1, Pg 606-607 (ISSN: 0974-2115).
102. **Dr. B. Siva Kumari, Lecturer in Botany**, published a research article titled 'ENHANCEMENT OF GROWTH IN MAIZE BY BIOGENIC- SYNTHESIZED MGO'

International Journal of Pure and Applied Zoology, Volume 4, Issue 3, pp: 262-270, 2016
open Journal with ISSN (Print) : 2320-9577 -ISSN (Online): 2320-9585

103. **Dr. B. Siva Kumari, Lecturer in Botany**, published a research article titled “A Compendium of book published on “Initiative towards Environmental awareness in Connection with Vinayaka Chaviti Celebrations in a Rally Journal.
104. **V. Kavitha, Lecturer in Biotechnology**, published a research article titled “INTENSIFICATION IN DECCANI SHEEP: HAEMATOLOGICAL AND BIOCHEMICAL INFLUENCES” in the European Journal of Molecular Biology and Biochemistry. 2015;2(5):251-256. ISSN - 2348-2206.
105. **Mr. K. Balachandra, Lecturer in Microbiology**, Published a research article titled “Antimicrobial activity screening of Marine bacteria isolated from Machilipatnam seacoast of Andhra Pradesh” in Journal of Applied Biology and Biotechnology
106. **G.M.Srirangam, Lecturer in Zoology** Published a research article titled "Effect of partial replacement of fish meal with duck weed (*Lemna Minor*), and soybean meal on the growth performance of *Ctenopharyngodon Idella* (grass carp)" in the International Journal of Fisheries and Aquatic Studies with an impact factor of 5.8
107. **G.M.Srirangam, Lecturer in Zoology** Published a research article titled Development of New Visible Spectrophotometric Assay Methods for Atazanavir in Pure and Dosage Forms published in the Research Journal of Pharmaceutical, Biological and Chemical Sciences
108. **Dr. K.B.S.Sastry, Lecturer in Computer Science**, Published a research article titled “E-Learning Platform Development using A Model Driven Methodology Approach” in the International Journal of Smart Home, Vol. 8, No. 6 (2014), pp. 217-224
109. **Dr. K.B.S.Sastry, Lecturer in Computer Science**, Published a research article titled “Recent Trends in Information Technology 2016 5th National Conference Held at P.V.P. Siddhartha Institute of Technology Kanuru, Vijayawada, India A Relative Study on Traditional ETL and ETL with Apache Hadoop
110. **Dr S Poorna Prabhat, Lecturer in MBA**, Published a research article titled ‘A study on problems and prospects of women entrepreneurs’ with special reference to Guntur district, Andhra Pradesh in International Journal of Advanced Research.
111. **Dr S Poorna Prabhat, Lecturer in MBA**, Published a research article titled ‘Investors’ perception towards different investment avenues’ in International Journal of Advanced Research.
112. **T Raja Kumar, Lecturer in Visual Communication**, Published a research article titled ‘Diasporic Issues: A Psychological Study of Women in Jumpa Lahiri’s Namesake’ as the second author in the International Journal New Directions in Post Colonial Literature’ Published by Prestige Books International in June 2016, ISBN No:978-93-82186-99-1.

Books and Articles published:

1. Dr.T.Srikumar’s (Dept. of Physics), book Micro structural, Emission Studies of Zirconium Silicate Glass Matrix, was published by Lap LAMBERT Academic Publishing, Germany.ISBN:978-3-659-74402-0. JUNE- 2015.
2. Dr.T.Srikumar’s (Dept. of Physics), book “Satyanveshana – Bruno” was published by Prajasakhi Book House in August 2015
3. Dr.M.Srinivasa Reddy, Dept. of History, on selection by the Government of Andhra Pradesh, edited the Senior Intermediate History Text Book and authored lessons both in English and Telugu for the Book, published by the Board of Intermediate Education, Andhra Pradesh, April 2015.
4. Dr.M.Sivaram, Dept. of Sanskrit, wrote an Article entitled “Charu charya – Appana manthri anuvadam” and it was published in the Quarterly journal Vangmayi – Sahitya, Charitraka

Parisodhana Patrika (Jan-March 2015). The Journal is published by P.S.Telugu University, Hyderabad, ISSN No.2230-7915.

5. Dr.G.Sambasiva Rao, Dept. of Telugu, wrote an Article entitled “Telugu Samethallo Ganitham” published in Visalandhra Daily dated 12th October 2015.

6. Dr.Narayanam Suresh Babu’s (Dept. of Sanskrit) Telugu Kavita titled గుండె (Gunde) was published in Vishalandra Telugu daily dated 16th August 2015.

7. Dr.Narayanam Suresh Babu’s (Dept. of Sanskrit) Telugu Kavita titled మానవత్వం ఖరీదెంత (Manavatvam Kharidenta) was published in Vishalandra Telugu daily dated 18th October 2015.

8. Dr. G. Srinivasa Rao Reader in Physics Reviewed a research article titled “Synthesis, stereochemical and biological studies of some N-cyclohexylcarbamoyl 2,6 diarylpiperidin-4-ones” for an international peer reviewed journal “Journal of Molecular Structure”, a publication of Sciencedirect.

9. Dr. G. Srinivasa Rao Reader in Physics Reviewed a research article titled “Optical properties of zinc borotellurite glass doped trivalent lanthanide ion (Dy^{3+})” for an international peer reviewed journal “Materials Chemistry and Physics”, a publication of Sciencedirect.

10. Dr. G. Srinivasa Rao Reader in Physics Reviewed a research article titled “Electronic spectra and local structures of molten $xNa_2ORe_2O_3(100-x)B_2O_3$. (Re= Pr,Nd) mixtures” for an international peer reviewed journal “Journal of Non-Crystalline Solids”, a publication of Sciencedirect.

11. Dr.T.SRIKUMAR Dept. Of Physics History of elements and their applications in every day life PSBH Publishing, INDIA .ISBN:978-3-678-74402-0. FEB- 2017.

12. Dr. M. C. Rao, Department of Physics Luminescent Properties of d^5 Ions doped CLHA Nanophosphors LAP LAMBERT Academic Publishing GmbH & Co. KG Dudweiler Landstrasse 99 D-66123 Saarbrücken, Germany, 19th April, 2016.(ISBN-10: 3659878340: ISBN-13: 978-3659878343)

13. Dr.B.Siva Kumari, Lecturer in Botany, A Compendium of book published on “**Initiative towards Environmental awareness in Connection with Vinayaka Chaviti Celebrations**” and it is released in a Two Day National Seminar held on 2nd & 3rd Sep,2016.

Papers presented in Seminars / Workshops:

1. Dr Marrivada Sivaram, Lecturer in Sanskrit Participated in UGC funded one day national seminar on “Challenges in Teaching Language” Organised by the departments of languages, S.R.R&C.V.R Govt degree college, Vijayawada on and presented a paper on प्राचीनाधुनिकविद्याबोधने अन्तरा: – प्रसमस्याश्च.(Differences between ancient and modern teaching system and challenges)

2. Dr Marrivada Sivaram, Lecturer in Sanskrit Participated in one day national seminar on “హిందీ తెలుగు సాహిత్యాలు – నదీప్రాశస్త్యం పర్యావరణచైతన్యం” Organised by the departments of Hindi& Telugu languages, Sri Durga Malleswara Siddhartha Mahila Kalaasala, Vijayawada on 4th August 2016 and presented a paper on సంస్కృతసాహిత్యంలో కృష్ణవేణి ప్రాశస్త్యం.(Significance of river Krishna in Sanskrit literature)

3. Dr Marrivada Sivaram, Lecturer in Sanskrit Participated in A Two day National Seminar on “Impact of Ambedkarism on Indian Reality “organized by the Departments of Arts & Languages, Andhra Loyola College, Vijayawada in collaboration with ICPR, ICHR and ICSSR on 3rd and 4th December 2016 and presented an article entitled భీమాంబేద్కరశతకమ్- ఒక పరిశీలన. (Bheemambedkara Satakam – a critical study)

4. Dr. Narayanam Suresh Babu, Lecturer in Sanskrit has participated and present a research article titled: అంబేద్కర్ శతకం-ఆధునికచైతన్యం (Ambetkarshatakam- Aadhunika chaitanyam) in the A Two day National Seminar on Impact of Ambedkarism on Indian Reality organized by the Departments of Arts & Languages Andhra Loyola College, Vijayawada , in collaboration with ICPR, ICHR and ICSSR on 3rd and 4th December 2016.

5. Dr S Poorna Prabhat and Mrs A Madhuri presented a paper on 'e-retailing trends, challenges and opportunities' on 25th and 26th November, 2016 at a UGC funded national seminar organized by the department of commerce and management, KBN College, Vijayawada.
6. Dr.D.Venkata Satish, Lecturer in Physics, Department of Physics Participated in 1 day DST sponsored INSPIRE Programme organized by SCERT, Govt.of India at ALC on 25th JULY, 2016.
7. Dr.D.Venkata Satish, Lecturer in Physics, Department of Physics Presented a paper entitled "Environmental Pollution in Air" in 2-day DBT-national seminar held on 2-3 September, 2016 at ALC, Vijayawada.
8. Dr.D.Venkata Satish, Lecturer in Physics, Department of Physics Presented a paper on Structural investigations on undoped and Cu²⁺ doped ZnCdO at DBT-National seminar on nano materials from 14-15 September, 2016 at A.L.C, Vijayawada.
9. Dr.D.Venkata Satish, Lecturer in Physics, Department of Physics Presented a paper on Structural, thermal and Magnetic Properties of Cr (III) ions doped ZnS nanocrystals at DBT-National seminar on nano materials from 14-15 September, 2016 at A.L.C, Vijayawada.
10. Dr.D.Venkata Satish, Lecturer in Physics, Department of Physics Acted as a Resource person during Hands on Training at the Physics Lab for the DST-Sponsored INSPIRE Internship Science Camp Students at Andhra Loyola College, Vijayawada during 17th -21st October, 2016.
11. *Dr. G. Srinivasa Rao Reader in Physics* Presented a paper entitled "Biosynthesis and optical properties of CdS nanoparticles." in the National Seminar on Emerging Trends in Environment and Sustainable Development organized by Departments of Botany, Biotechnology and Microbiology, Andhra Loyola College, Vijayawada on 2nd , 3rd September 2016.
12. *Dr. G. Srinivasa Rao Reader in Physics* Presented a paper entitled "Nanomedicine - The medicine of tomorrow" in the National Seminar on Advances in the Synthesis of Nanomaterials and their Multi Dimensional Applications in Chemical & Bio-Sciences (NANCBS-16) organized by Department of Chemistry, Andhra Loyola College, Vijayawada on 14th, 15th September 2016.
13. *Dr. G. Srinivasa Rao Reader in Physics* Presented a paper entitled "Energy efficient devices for ecological balance" in the National Seminar on Energy & Ecology organized by Department of Physics, Sir C R Reddy Autonomous College, Eluru on 4th, 5th October 2016.
14. *Dr. G. Srinivasa Rao Reader in Physics* Presented a paper entitled "Thermodynamic studies of Tetrahydrofuran with Anilines Conventional and Benson-Kiyohara Approaches" in the National Seminar on Andhra Pradesh Science Congress – Science and Technology for Health organized by AP Akademi of Sciences, NTR Health University, Acharya Nagarjuna University and Krishna University on 7th, 8th, 9th November 2016.
15. *Dr. G. Srinivasa Rao Reader in Physics* Presented a paper entitled "Quantum Dots in Solar Cells" in the National Seminar on Advanced Materials in Science & Technology organized by Department of Physics & Electronics by PR Government College, Kakinada on 23rd, 24th September 2016.
16. *Dr. G. Srinivasa Rao Reader in Physics* Participated in the National Seminar on Materials Science and Technology (Namaste-2016) organized by Department of Physics , VR Siddhartha Engineering College, Vijayawada on 19th November 2016.
17. M. Arokiasamy, Department of Mathematics Presented a paper on "Plastics, the environment and human health : Current concerns and future shocks" in a two day DBT sponsored National seminar on Emerging trends in Environment and sustainable Development" held on 02-03, September, 2016, organized by the Departments of botany, Biotechnology & Microbiology, Andhra Loyola College, Vijayawada, Krishna district, A.P.
18. M. Arokiasamy, Department of Mathematics Presented a paper on "A review on Energy modelling for smart cities" in a two day DBT sponsored National seminar on Emerging trends in Environment and Sustainable Development" held on 02-03, September, 2016, organized by the Departments of botany, Biotechnology & Microbiology, Andhra Loyola College, Vijayawada, Krishna district, A.P.
19. M. Arokiasamy, Department of Mathematics Presented a paper on "Nanotechnology in Dentistry: present and future perspectives" in a two day DBT sponsored National seminar on

- “Advances in the Synthesis of nanomaterials and their multidimensional Applications in Chemical & Bio-Sciences” (NANCBS-16) held on 14th and 15th, September, 2016, organized by the Departments of Chemistry, Andhra Loyola College, Vijayawada, Krishna district, A.P. and got published in the Journal of Chemical and Pharmaceutical Sciences with ISSN: 0974- 2115(Indexed in SCOPUS and CAS) Volume 10 Issue 1 (January - March 2017) , page: 577-579, www.jchps.com.
20. M. Arokiasamy, Department of Mathematics Presented a paper on “Role of Aluminum ions on the Surface activity of alkali boro silica phosphate bioactive glasses” in a two day DBT sponsored National seminar on “Advances in the Synthesis of nanomaterials and their multidimensional Applications in Chemical & Bio-Sciences” (NANCBS-16) held on 14th and 15th, September, 2016, organized by the Departments of Chemistry, Andhra Loyola College, Vijayawada, Krishna district, A.P.
 21. M. Arokiasamy, Department of Mathematics Presented a paper on “Web-Based Teaching and Learning: An altered Environment for professional excellence” in a two day National seminar on “Recent Research Developments in Higher Education” (RRDH-2016) held on 06th and 07th, December, 2016, organized by the Internal Quality Assurance Cell, Andhra Christian College, Guntur, A.P.
 22. M. Arokiasamy, Department of Mathematics Presented a paper on "Smart materials for the 21st century and their potentials in engineering" in the UGC sponsored two day National seminar on “SmartMaterials” on 30th November and 1st December, 2016 at JMJ College for Women, Tenali.
 23. M. Arokiasamy, Department of Mathematics Presented a paper on “Plastics: The décor & danger to Mother Planet Earth” in a DBT-MHRD-Govt. of India, New Delhi, UGC, APCOST and APFOREST sponsored three day International Conference on “New Approaches in Agriculture, Food and Environmental Sciences” NAAFES-2016 during 22-24, December, 2016 at Andhra Loyola College, Vijayawada.
 24. M. Arokiasamy, Department of Mathematics Presented a paper on “Mental Health and Well-being: Recent Developments and Challenges” in a UGC sponsored two day national Conference on “Challenges and opportunities for the Physically Challenged Persons COPCP-17” during 04-05, January, 2017 at Andhra Loyola College, Vijayawada.
 25. M. Arokiasamy, Department of Mathematics Presented a paper on “ScenarioDescriptor for ALC Campus – an innovative idea for Assistive Device for the Visually Challenged” in, January, 2017 at Andhra Loyola College, Vijayawada.
 26. P.V.S.SAIRAM, DEPARTMENT OF PHYSICS Presented a paper entitled “Healthcare Applications of the Internet of Things (IoT): A Review” in the 3rd International Conference on Emerging Technologies in Computer Science and Engineering (ICETCSE-2016) on 17th, 18th October 2016 organized by Department of Computer Science & Engineering and Information Technology, V R Siddhartha Engineering College, Vijayawada
 27. P.V.S.SAIRAM, DEPARTMENT OF PHYSICS Presented a paper titled “ BioSynthesis and Optical Properties of CdS Nano Particles” in the 2 day National Seminar in Environment and Sustainable Development held at Andhra Loyola College, Vijayawada during 2nd and 3rd September, 2016
 28. P.V.S.SAIRAM, DEPARTMENT OF PHYSICS Presented a paper titled “ Nano Medicine – The Medicine of Tomorrow in the DBT Sponsored 2 day National Seminar on Advances in the Synthesis of Nanomaterials and their multidimensional applications in Chemicals and Bio-Sciences held at Andhra Loyola College, Vijayawada organized by Department of Chemistry during 14th and 15th September, 2016
 29. P.V.S.SAIRAM, DEPARTMENT OF PHYSICS Presented a paper titled “ Role of GIS in Solid Waste Management” in the DBT Sponsored 2 day National Seminar on Solid Waste Management held at SRR & CVR Government Degree & PG College, Vijayawada during 16th and 17th September, 2016
 30. P.V.S.SAIRAM, DEPARTMENT OF PHYSICS Presented a paper titled “ Bio Medical Wastage – A Threat to Environment ” in the 2 day National Seminar on Energy and Ecology held at CR Reddy Autonomous College, Eluru on 4th – 5th October 2016 on 27th- 28th September 2016

31. P.V.S.SAIRAM, DEPARTMENT OF PHYSICS Presented a paper titled “Role of Gold Nanoparticles in Cancer Diagnostics & Therapy” in the 2nd AP Science Congress National Conference on Science & Technology for Health at P B Siddhartha College of arts of Sciences, Vijayawada during 7-9 November 2016 organized by AP Akademi of Sciences
32. P.V.S.SAIRAM, DEPARTMENT OF PHYSICS Presented a paper entitled “Quantum Dots in Solar Cells” in the National Seminar under on Advanced Materials in Science & Technology on 23 – 24 September, 2016 held at PR Government Degree College, Kakinada
33. Dr.V.Ashok Babu, Reader in Physics Presented a paper entitled "Environmental Pollution in Air" in 2-day DBT-national seminar held on 2-3 September, 2016 at ALC, Vijayawada.
34. Dr.V.Ashok Babu, Reader in Physics Presented a paper on Structural investigations on undoped and Cu²⁺ doped ZnCdO at DBT-National seminar on nano materials from 14-15 September, 2016.
35. Nagadesi P. K, and Arya A, (2016). of department of botany (PG) presented a paper on "Lignicolous fungal diversity from Timbers of Gujarat, India". International Conference on “New Approaches in Biotechnology & Biosciences” (NABB-2016) from Feb 18 - 20, 2016 at Faculty of Engineering & Technology, Raja Balwant Singh Engineering Technical Campus, Bichpuri, Agra, India.
36. Nagadesi P.K. (2016). of department of botany (PG) presented a paper on “Biocontrol of Wood decay by Nanoparticles” in: International Conference on “New approaches in Agriculture, Food and Environmental Science” (pulses for sustainable development and food security) NAAFES-2016 on 22-24 December 2016, Department of Botany, Biotechnology, Microbiology, Andhra Loyola college Vijayawada -8, pp 355.
37. Nagadesi P.K. Tabitha M. Amrutha Y.L.S., and Susanthi. S (2016). of department of botany (PG) presented a paper on “Fungal Diversity of Andhra Pradesh” in: International Conference on “New approaches in Agriculture, Food and Environmental Science” (pulses for sustainable development and food security) NAAFES-2016 on 22-24 December 2016, Department of Botany, Biotechnology, Microbiology, Andhra Loyola college Vijayawada -8, pp 91.
38. Aravind G., Nagadesi P.K., Sankar K, Sai mounika M, Swetha, and Ch Mallika, (2016) of department of botany (PG) presented a paper on “Aerobiological fungi in India” in: International Conference on “New approaches in Agriculture, Food and Environmental Science” (pulses for sustainable development and food security) NAAFES-2016 on 22-24 December 2016, Department of Botany, Biotechnology, Microbiology, Andhra Loyola college Vijayawada -8, pp 83.
39. Nagadesi P.K. Kezia D., Venkata Mounika T., and Bhagya lakshmi T. (2016) of department of botany (PG) presented a paper on “Rubber waste management by Lignicolous fungi” in: International Conference on “New approaches in Agriculture, Food and Environmental Science” (pulses for sustainable development and food security) NAAFES-2016 on 22-24 December 2016, Department of Botany, Biotechnology, Microbiology, Andhra Loyola college Vijayawada -8, pp 107.
40. Nagadesi P.K. Naveena R., and Ludhiya V. (2016) “of department of botany (PG) presented a paper on Biological control of Red rot disease in sugarcane from India” in: International Conference on “New approaches in Agriculture, Food and Environmental Science” (pulses for sustainable development and food security) NAAFES-2016 on 22-24 December 2016, Department of Botany, Biotechnology, Microbiology, Andhra Loyola college Vijayawada -8, pp 111.
41. Nagadesi P.K. Monika U. Devipriya P. and Shaniba K.K. (2016) of department of botany (PG) presented a paper on “Mycoremediation of plastic in urban areas of India” in: International Conference on “New approaches in Agriculture, Food and Environmental Science” (pulses for sustainable development and food security) NAAFES-2016 on 22-24 December 2016, Department of Botany, Biotechnology, Microbiology, Andhra Loyola college Vijayawada -8, pp 353.
42. Aravind G., Srinivasa Reddy Ch., Sankar K., Nagadesi P.K., Siva kumara B., Chinnappa Ch. And Surya Teja G. (2016) of department of botany (PG) presented a paper on “Ambient air quality status in Vijayawada- A case study” in: International Conference on “New approaches in Agriculture, Food and Environmental Science” (pulses for sustainable development and food

- security) NAAFES-2016 on 22-24 December 2016, Department of Botany, Biotechnology, Microbiology, Andhra Loyola college Vijayawada -8, pp 363.
43. Nagadesi P. K., Aravind G. Siva kumara B., and Sankar K. (2016). of department of botany (PG) presented a paper on Interesting Records of Lignicolous Fungi from Mangrove Forest of Krishna, Andhra Pradesh, India. in: DBT (MHRD, Govt. Of India, New Delhi) Sponsored Two Day National Seminar On "Emerging Trends on Environment and Sustainable Development" Organized by Departments Of Botany, Biotechnology (UG &PG) And Microbiology Of Andhra Loyola College, Vijayawada On 2nd & 3rd September, 2016, pp 77.
44. Nagadesi P. K., Aravind G., Shaniba K. K. and Kannamba B. (2016). of department of botany (PG) presented a paper on Collection, Identification, Phytochemical analysis of bioactive compounds in *Ganoderma lucidum* and *Phellinus noxiosus*. in: DBT (MHRD, Govt. Of India, New Delhi) Sponsored Two Day National Seminar On "Emerging Trends On Environment And Sustainable Development" Organized By Departments Of Botany, Biotechnology (UG &PG) And Microbiology Of Andhra Loyola College, Vijayawada On 2nd & 3rd September, 2016, pp 61.
45. Siva kumari B., Ravi Kumar P.I. Sankar K., and Nagadesi P.K. (2016). of department of botany (PG) presented a paper on "Nanotechnology –its role in the protection of Environment" in: DBT (MHRD, Govt. Of India, New Delhi) Sponsored Two Day National Seminar On "Emerging Trends on Environment and Sustainable Development" Organized by Departments Of Botany, Biotechnology (UG &PG) And Microbiology Of Andhra Loyola College, Vijayawada On 2nd & 3rd September, 2016, pp 109.
46. Nagadesi P.K. (2016). of department of botany (PG) presented a paper on "Bio-ethanol fuel production by white rot fungi for future energy needs and economy" in UGC Sponsored national Seminar on "Energy, Environment and Economy- the nexus, implications and initiatives" organized by P.G. U.G. Department of Economics, D.N.R. College (Autonomous) Bhimavaram., on 9th and 10th December 2016,
47. D. Winnie Teja and Dr.B.Kannamba presented a paper titled *Effect of extraction methods and solvent of Tridax procumbence* in two day national seminar on "Emerging trends in environment and sustainable development" during 2nd and 3rd September 2016 organised by Department of Botany, Biotechnology and Microbiology at Andhra Loyola College, Vijayawada.
48. D.Winnie teja presented a paper titled *Biosynthesis of silver nano particles using Myrtagyna parvifolia leaf extract* at a two day national seminar on "Advances in the synthesis of Nano materials and their multidimensional applications in chemical and bio sciences" organised by Department of chemistry during 14th and 15th september 2016 at Andhra Loyola College, Vijayawada.
49. T.Jaison jose presented a paper titled "Synthesis, antimicrobial activity and analytical applications of Poly-o-Toludine encapsulated Zirconium Bismuth Tunstate nano composite exchanger" at a two day national seminar on "Advances in the synthesis of Nano materials and their multidimensional applications in chemical and bio sciences" organised by Department of chemistry during 14th and 15th september 2016 at Andhra Loyola College, Vijayawada.
50. Dr.B.Kannamba presented two papers titled *Biosynthesis of silver nano particles using Myrtagyna parvifolia leaf extract* and *Silver nanoparticles-chitosan composites: preparation, characterization and solubility in acidic medium* at a two day national seminar on "Advances in the synthesis of Nanomaterials and their multidimensional applications in chemical and bio sciences" organized by Department of chemistry during 14th and 15th September 2016 at Andhra Loyola College, Vijayawada.
51. Dr.B.Kannamba presented a paper on *Management of solid waste in pulp and paper industry* in "National seminar on Solid waste management" organized by Department of Chemistry-PG, S.R.R& C.V.R Govt. Degree and PG College, Vijayawada during 16 & 17th September 2016 at K.V.S.R Siddhartha college of pharmaceutical sciences , Vijayawada.
52. D. Winnie Teja and Dr.B.Kannamba presented a poster on *Nuclear Fuel cycle generated radiation Hazards* in A two day workshop on Radio chemistry" organized by Department of

Chemistry during 27-28th September 2016 at P.B. Siddhartha college of Arts and Science, Vijayawada.

53. Dr.B.Kannamba presented a poster on *Effect of extraction methods and solvent on Euphorbia tirucalli* in “ A two day workshop on Radio chemistry” organised by Department of Chemistry during 27-28th september 2016 at P.B. Siddhartha college of Arts and Science, Vijayawada.

54. T.Jaison jose, D. Winnie teja and Dr.B.Kannamba participated in Mendeley presentation session organised by the named Mendeley advisor on 15th December 2016 at Andhra Loyola College, Vijayawada.

55. D.Winnie teja and Dr.B.Kannamba Presented a poster on *Effect of extraction methods and solvent on Phytochemical composition of Nyctanthes arbortristis* at International Conference on “New approaches in Agricultural, food and environmental sciences” organised by Department of Botany, Biotechnology and Microbiology during 22-24th december 2016 at Andhra Loyola College, Vijayawada.

56. T Raja Kumar presented a paper entitled ‘Understanding Ambedkarism for the Empowerment of 21st Century Women’ at the National Seminar on ‘Impact of Ambedkarism on Indian Reality’ organised by the Departments of Arts and Languages, Andhra Loyola College, Vijayawada on 3-4 December 2016.

57. Dr. N.V.Ramana Murty, a paper entitled “Applications of Fractional Calculus in Nanotechnology” DBT-MHRD Government of India-New Delhi, Sponsored A Two – day National Seminar on “Advances in the Synthesis of Nanomaterials and Their Multi Dimensional Applications in Chemical & Bio-Sciences” Dept. of Chemistry, Andhra Loyola College, Vijayawada on 14th & 15th Sept. 2016.

58. Dr. N.V.Ramana Murty, a paper entitled “Application of Group Theory in Cryptology” DST SERB Sponsored A Two – day National Seminar on “Recent Developments in Engineering Science and its Computational Applications” Dept. of Mathematics, P.S.C.M.R. College of Engineering and Technology,

Vijayawada on 23rd & 24th Sept. 2016

59. Dr. N.V.Ramana Murty, a paper entitled “Symmetry Groups of Some Standard Hadamard Matrices” A Three day 2nd Andhra Pradesh Science Congress, Focal Theme: Science & Technology For Health, Andhra Pradesh Akademi of Sciences, Amaravathi on 7 -9th Nov. 2016.

60. Dr. N.V.Ramana Murty, a paper entitled “Construction of Weyl Group for the Matrix Lie Group SU(n)” UGC Sponsored A Two-day National Seminar on “Emerging Trends in Mathematics” Dept. of Mathematics, Sir C.R.Reddy Autonomous College, Eluru on 8th & 9th Dec. 2016.

61. Dr. N.V.Ramana Murty, a paper entitled “The Problem of Water Pollution: Oxygen-Sag Model” DBT-MHRD-Govt. of India, New Delhi, UGC, APCOST, AP PCB and AP Forest Sponsored A Three-day International Conference on “New Approaches in Agricultural, Food & Environmental Sciences” Depts. of Botany, Bio-Technology & Microbiology, Andhra Loyola College, Vijayawada on 22 -24 Dec. 2016.

62. Dr. N.V.Ramana Murty, a paper entitled “Universal Covering Groups of Matrix Lie Groups” International Conference on “Mathematical Sciences & Engineering Applications” Dept. of Mathematics,

Baba Institute of Technology & Sciences, Visakhapatnam on 23-25th Dec. 2016

63. Dr.T.SRIKUMAR Dept. Of Physics Presented paper on Characteristics of a good teacher to improve quality in higher education at SIR C.R.REDDY autonomous college, Eluru at one week National work shop on quality improvement in higher education from 18th august to 24th august, 2016.

- 64.** Dr.T.SRIKUMAR Dept. Of Physics_Presented paper on Ethics and values in education at one week national work shop on human values and professional ethics, FDPHVPE-2016, at S.S.N.COLLEGE Narasaraopet from 17th September to 23rd september2016.
- 65.** Dr.T.SRIKUMAR Dept. Of Physics_Presented a paper on climate change- environmental concerns DBT,MHRD,GOVT OF INDIA sponsored, National Seminar on Emerging Trends in environment and sustainable development, SEP 2-3,2016 Andhra Loyola College, Vijayawada.
- 66.** Dr.T.SRIKUMAR Dept. Of Physics_Presented a paper on process for extraction of metals from e-waste at two day national seminar on solid waste management issues, challenges and opportunities at K.V.S.R. Siddhartha college of pharmaceutical sciences and p.g.department of chemistry S.R.R& C.V.R Govt college, Vijayawada 16 th ,17th sepember 2016.Presented a paper on Synthesis of advanced amorphous materials for device applications at National Seminar on advanced materials in science and technology by p.g department of physics and electronics, AT P.R.Government college [autonomous].kakinada 23rd&24th September 2016.
- 67.** Dr.T.SRIKUMAR Dept. Of Physics_Spectroscopic and luminescent properties of cr+3 doped cds nano particles at two day national seminar on advances in the synthesis of nano materials and their multi dimensional applications in chemical and bio sciences on 14th& 15 th September 2016 at Andhra Loyola college Vijayawada.
- 68.** Dr.T.SRIKUMAR Dept. Of Physics_Bioactive Glass Material for Clinical Applications at 2nd A.P. Science congress by a.p. akademi of sciences,Amaravathi APSC-2016 at P.B.Siddhartha college of arts and science, Vijayawada from 7th to 9th November 2016.
- 69.** Dr.T.SRIKUMAR Dept. Of Physics_Medical imaging diagnostic applications of Physics at 2nd A.P. Science congress by a.p. akademi of sciences,Amaravathi APSC-2016 at P.B.Siddhartha college of arts and science, Vijayawada from 7th to 9th November 2016.
- 70.** Dr.T.SRIKUMAR Dept. Of Physics_Digital inclusive policy planning, design, and implementation for socially marginalized and excluded groups an Ambedkar perspective at national seminar on impact of Ambedkarism on Indian reality by department of arts and languages,, Andhra Loyola college, Vijayawada from 3-4 December 2016.
- 71.** B. BALAJI BHANU Lecturer in Electronics Presented a paper in DBT-MHRD, UGC, APCOST, APPCB, APFOREST sponsored International Conference on New approaches in Agriculture, Food, & Environmental Sciences (NAAFES-2016) titled "*Mobile phone based Monitoring of soil moisture: A cost effective approach for smart Irrigation*" at Andhra Loyola College, Vijayawada, held from 22nd to 24th December 2016.
- 72.** B. BALAJI BHANU Lecturer in Electronics Presented a paper in 2nd AP Science Congress held at Amaravathi from 7th to 9th November 2016 titled "*Future farming : an insight through IoT*"
- 73.** B. BALAJI BHANU Lecturer in Electronics Presented a paper in DBT-MHRD sponsored national seminar on Advances in the synthesis of Nano materials and their multi-dimensional applications in chemical & Bio sciences(NANCBS-16) titled "*Applications of Nano Materials in Agriculture*" at Andhra Loyola College, Vijayawada, held from 14th to 15th September 2016.
- 74.** B. BALAJI BHANU Lecturer in Electronics Presented a paper in DBT-MHRD sponsored national seminar on Emerging trends in environment and sustainable development titled "*Emerging Applications of IoT in Agriculture & Environment*" at Andhra Loyola College, Vijayawada, held from 2nd to 3rd September 2016.
- 75.** Mr.P.Chenchu Babu attended National Seminar on "Recent Research Developments In Higher Education organized by the Internal Quality Assurance Cell, A.C.College,Guntur on 6.12.2016 and 7.12.2016 and presented a paper on "Review Concept Of Application Of Differential Equations".
- 76.** Mr.P.Chenchu Babu attended National Seminar on "Recent Research Developments In Higher Education organized by the Internal Quality Assurance Cell, A.C.College,Guntur on 6.12.2016 and 7.12.2016 and presented a paper on "Newton's Law of cooling".
- 77.** Mr. M.MARIA DAS attended DST SERB Sponsored National Seminar on "Recent Developments in Engineering Science" organized by Department of Mathematics, PSCMR

College of Engineering and Technology, Vijayawada on 24.09.2016 and presented a paper “On Fuzzy s-Ideals of Near semirings”.

78. Mr. M.MARIA DAS attended National Seminar on “Recent Advances in Algebra” organized by Department of Mathematics, S.S.N College, Narasaraopet on 23.10.2016 and presented a paper on “Fuzzy Ideals of Near semirings”.

79. Mr. M.MARIA DAS attended Andhra Pradesh Science Congress organized by A.P. Akademi of Sciences in association with Dr. NTR University of Health Sciences, Acharya Nagarjuna University and Krishna University on 07.11.2016 and 08.11.2016 and presented a paper “On Fuzzy s-k-Ideals of Near semirings”.

80. Mr. M.MARIA DAS attended UGC Sponsored National Seminar on “Emerging Trends in Mathematics” organized by Department of Mathematics, CRR Autonomous College, Eluru on 08.12.2016 and 09.12.2016 and presented a paper on “Fuzzy relation on Near semirings”.

81. Mr. M.MARIA DAS attended DBT Sponsored National Seminar on “Emerging Trends in environment and sustainable development” organized by Departments of Botany, Biotechnology & Microbiology, Andhra Loyola College on 02.09.2016 and 03.09.2016 and presented a paper on “Environmental Pollution in Air”.

82. Mr. M.MARIA DAS attended DBT Sponsored National Seminar on “Advances in Synthesis of Nano Materials” organized by Department of Chemistry, Andhra Loyola College on 14.09.2016 and 15.09.2016 and presented a paper on “Role of Numerical and Applied Mathematics in Nano Materials”.

83. Fr. G.M.Victor Emmanuel attended DST SERB Sponsored National Seminar on “Recent Developments in Engineering Science” organized by Department of Mathematics, PSCMR College of Engineering and Technology, Vijayawada on 23.09.2016 and 24.09.2016 and presented a paper “On Fuzzy s-Ideals of Near semirings”.

84. Mr.P.Venu Gopala Rao attended DBT Sponsored National Seminar on “Emerging Trends in environment and sustainable development” organized by Departments of Botany, Biotechnology & Microbiology, Andhra Loyola College on 02.09.2016 and 03.09.2016 and presented a paper on “Environmental Pollution in Air”.

85. Mr.P.Venu Gopala Rao attended DBT Sponsored National Seminar on “Advances in Synthesis of Nano Materials” organized by Department of Chemistry, Andhra Loyola College on 14.09.2016 and 15.09.2016 and presented a paper on “Role of Numerical and Applied Mathematics in Nano Materials”.

86. Mr.P.Venu Gopala Rao attended DST SERB Sponsored National Seminar on “Recent Developments in Engineering Science” organized by Department of Mathematics, PSCMR College of Engineering and Technology, Vijayawada on 23.09.2016 and 24.09.2016 and presented a paper “On Fuzzy s-Ideals of Near semirings”.

87. Mr.P.Venu Gopala Rao attended National Seminar on “Recent Advances in Algebra” organized by Department of Mathematics, S.S.N College, Narasaraopet on 23.10.2016 and presented a paper on “Fuzzy Ideals of Near semirings”.

88. Mr.P.Venu Gopala Rao attended Andhra Pradesh Science Congress organized by A.P. Akademi of Sciences in association with Dr. NTR University of Health Sciences, Acharya Nagarjuna University and Krishna University on 07.11.2016 and 08.11.2016 and presented a paper “On Fuzzy s-k-Ideals of Near semirings”.

89. Mr.P.Venu Gopala Rao attended UGC Sponsored National Seminar on “Emerging Trends in Mathematics” organized by Department of Mathematics, CRR Autonomous College, Eluru on 08.12.2016 and 09.12.2016 and presented a paper on “Fuzzy relation on Near semirings”.

90. Ms. M. Glory & Mr. K. Balachandra attended Guest lecture on Recent trends in Microbiology and Career opportunities at Siddhartha Mahila Kalasala, Vijayawada on 22th Sept 2016.

- 91.** Dr.B.Raju presented a paper entitled “*Understanding Aboriginal People: Life and Literature*” at the National Literary Conference & Festival organised by K.L. University, Guntur & Indian Society for Common Wealth Studies on 28-30 March 2016.
- 92.** Dr.B.Raju has participated and presented a paper on “*Understanding Geriatric Issues through Literary Texts*” in a Two-Day National Seminar on “Ethical Issues of Geriatric Care in India” organised by Department of Ethics and Religion, ALC in collaboration with Indian Council of Philosophical Research, New Delhi, on 28th and 29th October 2016.
- 93.** Dr.B.Raju has presented a paper entitled “*Effective Methods of Teaching & Learning*” at the National Conference on Communication Skills for Professional Excellence on 30th March, 2016.
- 94.** Dr.B.Raju has presented a Paper entitled “*Understanding Ambedkarism from IV World Perspective*” in the National Seminar held on 3-4 December 2016, at Andhra Loyola College in collaboration with ICSSR, ICHR & ICPR.
- 95.** Dr.B.Raju has participated and presented a paper titles “*Re-Exploration of Eco-Critical Perspectives through Amitav Ghosh’s ‘Hungry Tide and Kamal Markanday’s ‘Nectar in a sieve’*” in a Two-Day DBT –Sponsored National Seminar held on 2-3 September, 2016, organised by the Departments of Botany, Biotechnology & Microbiology, ALC.
- 96.** Mr D Praveen has attended National Seminar on Environmental Protection and Sustainable Development Issues and Challenges: organised by the Departments of Chemistry, Botany and Zoology, at Sir CR Reddy College on 22 and 23 September and presented a paper on “*SOLUTION TO THE PROBLEMS OF THE SUSTAINABLE DEVELOPMENT MANAGEMENT*”.
- 97.** Mr D Praveen has participated and presented a paper on “*Understanding Geriatric Issues through Literary Texts*” in a Two-Day National Seminar on “Ethical Issues of Geriatric Care in India” organised by Department of Ethics and Religion, ALC in collaboration with Indian Council of Philosophical Research, New Delhi, on 28th and 29th October 2016.
- 98.** Mr D Praveen has presented a Paper entitled “*MISREPRESENTATION OF ABORIGINAL AUSTRALIAN IDENTITY*” in the National Seminar held on 3-4 December 2016, at Andhra Loyola College in collaboration with ICSSR, ICHR & ICPR.
- 99.** Mr D Praveen has participated in the UGC funded One-Day National Seminar on Challenges in Teaching Language organised by the Departments of Languages, SRR & CVR Govt. Degree College, and Vijayawada and presented a paper on “*RE-EXAMINING RUDEMENTS FOR BETTER ENGLISH PRONUNCIATION*”.
- 100.** Mr D Praveen has attended A Two-Day National Seminar on “Advances in the Synthesis of Nonmaterial’s and their Multi Dimensional Applications in Chemical & Bio-Sciences” held on 14th-15th September, 2016 in Andhra Loyola College and presented a paper on “*Recent Advances in Nanocarbon Materials*”.
- 101.** Mr D Praveen has participated and presented a paper titles “*Re-Exploration of Eco-Critical Perspectives through Amitav Ghosh’s ‘Hungry Tide and Kamal Markanday’s ‘Nectar in a sieve’*” in a Two-Day DBT –Sponsored National Seminar held on 2-3 September, 2016, organised by the Departments of Botany, Biotechnology & Microbiology, ALC.
- 102.** Mr. D Praveen has participated as Resource Person in the Workshop conducted by the IQAC, Andhra Christian College, Guntur on “Quality Education” on 2-09-2016.
- 103.** Dr. G. Sahaya Baskaran made passionate presentations (Three) on ‘The Greatness of Loyola Family’ to the three groups of fresher’s during their respective orientation programmes viz. Degree on 14-6-2016; Inter on 16-6-2016 and ALIET on 1-7-2016.
- 104.** Dr. G. Sahaya Baskaran, Department of Physics participated and presented two papers at the National seminar on Environment and sustainable development during 2nd and 3rd September 2016. The titles are: A review on ‘Energy Modelling for Smart Cities’ and ‘Plastics, the environment and human health: current concerns and future shocks’.
- 105.** Dr. G. Sahaya Baskaran, Department of Physics participated and presented three papers at the National Seminar on ‘Advances in the Synthesis of Nanomaterials and their Multi Dimensional Applications in Chemical & Bio Sciences’, Organised by Dept of Chemistry, ALC

during 15-16 September, 2016. The titles are: Review on Nanolithography; Role of aluminium ions on the Surface activity of alkali boro silica phosphate bioactive glasses and Emerging role of Nanobiomaterials in Tissue Engineering.

106. Dr. G. Sahaya Baskaran, Department of Physics presented a paper titled '*Advances in Silica-based Bioglasses for Medical Applications*' at the Two-Day National Seminar on 'Smart Materials' held at JMJ College, Tenali during 30th November & 1st December 2016.

107. Dr. G. Sahaya Baskaran, Department of Physics presented three papers titled : Mental health and well- being: Recent developments and challenges ; New Assistive Devices for Visually and Hearing Impaired; Scenario Descriptor for ALC Campus – an innovative idea for an Assistive Device for the Visually Challenged at the National Seminar On Challenges and Opportunities for the Physically Challenged Persons - COPCP17 held during 4th & 5th January 2017 , organised by HEPSN wing of ALC.

108. Dr. G. Sahaya Baskaran, Department of Physics presented a paper on 'Role of some sesquioxides on the spectroscopic features of neodymium ions on lead oxy fluoro borate glass system' at the National Seminar on Materials Science and Technology organised by V.R. Siddhartha College of Engineering held on 19th November 2016.

109. Dr. G. Sahaya Baskaran, Department of Physics presented two papers at the 2nd A.P. Science Congress held at P.B. Siddhartha College of Arts and Science. The titles of the Papers are : Structural Role of some sesquioxides on enhancing luminescence efficiency of Praseodymium ions in lead oxy fluoro borate glasses glass system; Influence of Ga₂O₃ ions on the bioactive behaviour of B₂O₃-SiO₂-P₂O₅-Na₂O-CaO glass system .

110. A.SHOUREDDY Attended a national seminar on Recent Research Developments in Higher Education at A.C college, Guntur on 6th and 7th December and presented a paper entitled Newton's Law Of Cooling.

111. A.SHOUREDDY Attended a national seminar on Recent Research Developments in Higher Education at A.C college, Guntur on 6th and 7th December and presented a paper entitled Review Concept Of Application of Differential Equations.

112. Dr. Y. Hanumantha Rao, Department of chemistry, has presented a paper on "Removal of Fluoride from Aqueous phase by Biosorption – sorption Mechanism Elucidation" in the Three day International Seminar on " New Approaches in Agricultural Food & Environmental Sciences" NAAFES-2016 – held on 22-24th December,2016 Sponsored by A DBT-MHRD-Govt. of India, New Delhi and UGC at Andhra Loyola College Autonomous Vijayawada.

113. *Dr.Y. Hanumantha Rao, Department of chemistry, has attended a UGC Funded One Day National Seminar on "Emerging Trends in Life Sciences" Organized by Department of Botony and MicroBiology, S.R.R & C.V.R Govt. Degree College, Vijayawada on 22nd June ,2016.*

114. *Dr.Y. Hanumantha Rao, Department of chemistry, has attended a UGC Funded One Day National Seminar on "Molecular & BioChemical Insights in Aqua culture" organized by Department of BioChemistry and Zoology, at S.R.R & C.V.R Govt. Degree College, Vijayawada on 19th July ,2016.*

115. *Dr. Y. Hanumantha Rao, Department of chemistry, has presented a paper entitled "Defluoridation Studies with Activated Carbons" in a Two-Day DBT-Sponsored National Seminar on "Emerging Trends in Environment and Sustainable Development" held on 2nd-3rd September,2016, conducted by the Dept. of Botony, Biotechnology & MicroBiology, Andhra Loyola College, Vijayawada,Krishna District, A.P.*

116. *Dr. Y. Hanumantha Rao, Department of chemistry, has presented a paper entitled "Ground Water Analysis and Applications with Bio-sorbents" in a Two-Day DBT-Sponsored National Seminar on "Emerging Trends in Environment and Sustainable Development" held on 2nd-3rd September,2016, conducted by the Dept. of Botony, Biotechnology & MicroBiology, Andhra Loyola College, Vijayawada,Krishna District, A.P.*

117. *Dr. Y. Hanumantha Rao, Department of chemistry, has presented a paper entitled "Adsorption of Rhodamine-B and Safranin O from Aqueous Solutions by MgO decked FLG coated Fuller's Earth (MgO-FLG-FE)" in a Two-Day DBT-Sponsored National Seminar on "Emerging*

Trends in Environment and Sustainable Development” held on 2nd-3rd September, 2016, conducted by the Dept. of Botany, Biotechnology & MicroBiology, Andhra Loyola College, Vijayawada, Krishna District, A.P.

118. *Dr. Y. Hanumantha Rao, Department of chemistry, has presented a paper entitled “Synthesis and Characterization of Aluminium Nano particles coated activated carbon from Delonix Regia wood & its adsorption studies” in a Two-Day DBT- MHRD Sponsored National Seminar on “Advances in the Synthesis of NanoMaterials and their Multi Dimensional Applications in Chemical & BioSciences” conducted by Department of Chemistry, Andhra Loyola College(A), Vijayawada on 14th-15th September, 2016.*

119. *Dr. Y. Hanumantha Rao, Department of chemistry, has presented a paper entitled “Emerging Role of Nanobiomaterials in Tissue Engineering” in a Two-Day DBT- MHRD Sponsored National Seminar on “Advances in the Synthesis of NanoMaterials and their Multi Dimensional Applications in Chemical & BioSciences” conducted by Department of Chemistry, Andhra Loyola College(A), Vijayawada on 14th-15th September, 2016.*

120. *Dr. Y. Hanumantha Rao, Department of chemistry, has presented a paper entitled “NanoLithography” in a Two-Day DBT- MHRD Sponsored National Seminar on “Advances in the Synthesis of NanoMaterials and their Multi Dimensional Applications in Chemical & BioSciences” conducted by Department of Chemistry, Andhra Loyola College(A), Vijayawada on 14th-15th September, 2016.*

121. *Dr. Y. Hanumantha Rao, Department of chemistry, has presented a paper entitled “NanoParticles for Gas Sensing Applications” in a Two-Day DBT- MHRD Sponsored National Seminar on “Advances in the Synthesis of NanoMaterials and their Multi Dimensional Applications in Chemical & BioSciences” conducted by Department of Chemistry, Andhra Loyola College(A), Vijayawada on 14th-15th September, 2016.*

122. *Dr. Y. Hanumantha Rao, Department of chemistry, has presented a paper entitled “Luminescent Studies on VO⁺² Doped ZnS NanoParticles by Co-precipitation Method” in a Two-Day DBT- MHRD Sponsored National Seminar on “Advances in the Synthesis of NanoMaterials and their Multi Dimensional Applications in Chemical & BioSciences” conducted by Department of Chemistry, Andhra Loyola College(A), Vijayawada on 14th-15th September, 2016.*

123. *Dr. Y. Hanumantha Rao, Department of chemistry, has presented a paper entitled “Spectroscopic and Luminescent properties of Cr⁺³ Doped CdS NanoParticles” in a Two-Day DBT- MHRD Sponsored National Seminar on “Advances in the Synthesis of NanoMaterials and their Multi Dimensional Applications in Chemical & BioSciences” conducted by Department of Chemistry, Andhra Loyola College(A), Vijayawada on 14th-15th September, 2016.*

124. *Dr. Y. Hanumantha Rao, Department of chemistry, has presented a paper entitled “Structural Characterization of VO⁺² Doped ZnS NanoParticles by Co-precipitation Method” in a Two-Day DBT- MHRD Sponsored National Seminar on “Advances in the Synthesis of NanoMaterials and their Multi Dimensional Applications in Chemical & BioSciences” conducted by Department of Chemistry, Andhra Loyola College(A), Vijayawada on 14th-15th September, 2016.*

125. *Dr. Y. Hanumantha Rao, Department of chemistry, has presented a paper entitled “Synthesis and Structural Properties of Cr⁺³ Doped Cds NanoParticles” in a Two-Day DBT- MHRD Sponsored National Seminar on “Advances in the Synthesis of NanoMaterials and their Multi Dimensional Applications in Chemical & BioSciences” conducted by Department of Chemistry, Andhra Loyola College(A), Vijayawada on 14th-15th September, 2016.*

126. *Dr. Y. Hanumantha Rao, Department of chemistry, has presented a paper entitled “Harmful Effects of NanoMaterials in Human Environment” in a Two-Day DBT- MHRD Sponsored National Seminar on “Advances in the Synthesis of NanoMaterials and their Multi Dimensional Applications in Chemical & BioSciences” conducted by Department of Chemistry, Andhra Loyola College(A), Vijayawada on 14th-15th September, 2016.*

127. *Dr. Y. Hanumantha Rao, Department of chemistry, has presented a paper entitled “Equilibrium and Kinetics of Adsorption of Acid Blue 9 and Acid Blue 113 by NanoCrystalline Graphitic Carbon” in a Two-Day DBT- MHRD Sponsored National Seminar on “Advances in the*

Synthesis of NanoMaterials and their Multi Dimensional Applications in Chemical & BioSciences” conducted by Department of Chemistry, Andhra Loyola College(A), Vijayawada on 14th-15th September,2016.

128. *Dr. Y. Hanumantha Rao, Department of chemistry, has presented a paper entitled “Influence of NanoMaterials in Medicine for next generation ” in a Two-Day DBT- MHRD Sponsored National Seminar on “Advances in the Synthesis of NanoMaterials and their Multi Dimensional Applications in Chemical & BioSciences” conducted by Department of Chemistry, Andhra Loyola College(A), Vijayawada on 14th-15th September,2016.*

129. *Dr. Y. Hanumantha Rao, Department of chemistry, has presented a paper entitled “A Review on Deflouridation of drinking water by Nanomaterials ” in a Two-Day DBT- MHRD Sponsored National Seminar on “Advances in the Synthesis of NanoMaterials and their Multi Dimensional Applications in Chemical & BioSciences” conducted by Department of Chemistry, Andhra Loyola College(A), Vijayawada on 14th-15th September,2016.*

130. *Dr. Y. Hanumantha Rao, Department of chemistry, has presented a paper entitled “Adsorption of Fluoride by Bio-waste Materials and their Kinetic Study ” in a Two-Day DBT-MHRD Sponsored National Seminar on “Solid Waste Management Issues, Challenges and Opportunities” conducted by Department of Chemistry, S.R.R & C.V.R Govt. Degree & P.G College, Vijayawada on 16th & 17th September,2016 at KVSRR Siddhartha College of Pharmaceutical Sciences, Vijayawada.*

131. *Dr. Y. Hanumantha Rao, Department of chemistry, has presented a paper entitled “Adsorption of Mercury Using Activated Carbon” in a Two-Day UGC Sponsored National Seminar on “Environmental Protection and Sustainable Development Issues and Challenges: (EPSDIC)” conducted by the Department of Chemistry, Botany and Zoology, Sir C R Reddy Autonomous College ,Eluru on 22nd-23rd September,2016.*

132. *Dr. Y. Hanumantha Rao, Department of chemistry, has presented a paper entitled “Heavy Metals from contaminated water removed by Bio sorbents” in a Two-Day UGC Sponsored National Seminar on “Environmental Protection and Sustainable Development Issues and Challenges: (EPSDIC)” conducted by the Department of Chemistry, Botany and Zoology, Sir C R Reddy Autonomous College ,Eluru on 22nd-23rd September,2016.*

133. *Dr. Y. Hanumantha Rao, Department of chemistry, has presented a paper entitled “Power Stations - Thermal pollution of water bodies relevant environmental legislation of ecological systems” in a Two-Day UGC Sponsored National Seminar on “Environmental Protection and Sustainable Development Issues and Challenges: (EPSDIC)” conducted by the Department of Chemistry, Botany and Zoology, Sir C R Reddy Autonomous College ,Eluru on 22nd-23rd September,2016.*

134. *Dr. Y. Hanumantha Rao, Department of chemistry, has presented a paper entitled “POWER GENERATION PERSPECTIVES THROUGH SOLAR ENERGY” in a Two-Day UGC Sponsored National Seminar on “Energy & Ecology” conducted by the Department of Physics, Sir C R Reddy Autonomous College ,Eluru on 4th-5th October,2016.*

135. *Dr. Y. Hanumantha Rao, Department of chemistry, has presented a paper entitled “ISSUES AND CHALLENGES IN HYDROPOWER CONTROL” in a Two-Day UGC Sponsored National Seminar on “Energy & Ecology” conducted by the Department of Physics, Sir C R Reddy Autonomous College ,Eluru on 4th-5th October,2016.*

136. *Dr. Y. Hanumantha Rao, Department of chemistry, has presented a paper entitled “ROLE OF NANOTECHNOLOGY IN ENERGYCONSERVATION OF ECO-FRIENDLY CONSTRUCTIONS” in a Two-Day UGC Sponsored National Seminar on “Energy & Ecology” conducted by the Department of Physics, Sir C R Reddy Autonomous College ,Eluru on 4th-5th October,2016.*

137. *Dr. Y. Hanumantha Rao, Department of chemistry, has presented a paper entitled “ECONOMIC ISSUES AND POLICIES IN SOIL POLLUTION PREVENTION” in a Two-Day UGC Sponsored National Seminar on “Energy & Ecology” conducted by the Department of Physics, Sir C R Reddy Autonomous College ,Eluru on 4th-5th October,2016.*

- 138.** Dr. Y. Hanumantha Rao, Department of chemistry, has presented a paper entitled "IMPACT OF NATURAL RESOURCES ON HUMAN DEVELOPMENT" in a Two-Day UGC Sponsored National Seminar on "Energy & Ecology" conducted by the Department of Physics, Sir C R Reddy Autonomous College, Eluru on 4th-5th October, 2016.
- 139.** Dr. Y. Hanumantha Rao, Department of chemistry, has presented a paper entitled "ECOSYSTEM- MAINTAINING NATURAL LIFE SUPPORT PROCESSES" in a Two-Day UGC Sponsored National Seminar on "Energy & Ecology" conducted by the Department of Physics, Sir C R Reddy Autonomous College, Eluru on 4th-5th October, 2016.
- 140.** Dr. Y. Hanumantha Rao, Department of chemistry, has presented a paper entitled "POWER GENERATION PERSPECTIVES THROUGH SOLAR ENERGY" in a Two-Day UGC Sponsored National Seminar on "Energy & Ecology" conducted by the Department of Physics, Sir C R Reddy Autonomous College, Eluru on 4th-5th October, 2016.
- 141.** Dr. Y. Hanumantha Rao, Department of chemistry, has presented a paper entitled "ROLE OF NANOTECHNOLOGY IN ENERGY CONSERVATION OF ECO-FRIENDLY CONSTRUCTIONS" in a Two-Day UGC Sponsored National Seminar on "Energy & Ecology" conducted by the Department of Physics, Sir C R Reddy Autonomous College, Eluru on 4th-5th October, 2016.
- 142.** Dr. Y. Hanumantha Rao, Department of chemistry, has presented a paper entitled "DEFLUORIDATION STUDIES OF POTABLE WATER WITH ACTIVATED BIO-WASTE CARBONS" in the Second Andhra Pradesh Science Congress (APSC-2016) held at P.B.Siddhartha College of Arts and Sciences, Vijayawada during 7th-9th November, 2016 Organized by A.P Academy of Sciences in association with Dr. N.T.R University of Health Science, Acharya Nagarjuna University & Krishna University.
- 143.** Dr. Y. Hanumantha Rao, Department of chemistry, has presented a paper entitled "Microstructural Features of LiNiO₂ Thin Films Prepared By Pulsed Laser Deposition" in the Second Andhra Pradesh Science Congress (APSC-2016) held at P.B.Siddhartha College of Arts and Sciences, Vijayawada during 7th-9th November, 2016 Organized by A.P Academy of Sciences in association with Dr. N.T.R University of Health Science, Acharya Nagarjuna University & Krishna University.
- 144.** Dr. Y. Hanumantha Rao, Department of chemistry, has presented paper entitled "Green NanoTechnology – Issues and Challenges" in National Conference on Recent Innovations in Chemistry for Environments (RICE-16) sponsored by Department & Ministry of Science and Technology, New Delhi organized by Department of Chemistry, K L University on 9th-10th December, 2016.
- 145.** Dr. Y. Hanumantha Rao, Department of chemistry, has presented paper entitled "Effect of Heavy Metal Ion Pollution on Human Life" in National Conference on Recent Innovations in Chemistry for Environments (RICE-16) sponsored by Department & Ministry of Science and Technology, New Delhi organized by Department of Chemistry, K L University on 9th-10th December, 2016.
- 146.** Dr. Y. Hanumantha Rao, Department of chemistry, has presented paper entitled "Removal of Fluoride from Aqueous Phase by Biosorption- Sorption Mechanism Elucidation" in the APSCHE of Higher Education on "Impact of Pharmaceuticals and Personal Care Products on Environment and Sustainability of Environment" on 16-17th December, 2016 Organized by the Y.A. Government Degree College for Women, Chirala Prakasam District.
- 147.** Dr. Y. Hanumantha Rao, Department of chemistry, has presented paper entitled "Removal of Fluoride from Aqueous Phase by Biosorption- Sorption Mechanism Elucidation" in the Three Day International Conference on "New Approaches in Agricultural, Food & Environmental Sciences" NAAFES-2016 held on 22-23rd December, 2016 Organized by Dept. of Botony, Biotechnology & Microbiology, Andhra Loyola College (A), Vijayawada, Krishna Dist.
- 148.** Dr. Y. Hanumantha Rao, Department of chemistry, has presented paper entitled "Equilibrium and Kinetics of the Adsorption of Acid Blue 9 from Aqueous Solutions by MgO decked Flg Coated Fuller's Earth" in the Three Day International Conference on "New Approaches

in Agricultural, Food & Environmental Sciences” NAAFES-2016 held on 22-23rd December, 2016 Organized by Dept. of Botony, Biotechnology & Microbiology , Andhra Loyola College (A), Vijayawada, Krishna Dist.

- 149.** Dr. M. C. Rao, Department of Physics A Facile Synthesis and Luminescent Properties of Fe³⁺ Doped CdTe Nanoparticles 2nd National Conference on Fundamental and Applied Chemistry, Chemical Science Review and Letters, Salem, 4th June, 2016.
- 150.** Dr. M. C. Rao, Department of Physics Microstructural Features of LiMn₂O₄ Thin Films National Seminar on Applications of Nanomaterials in Energy and Environment, A.S.D. Govt. Degree College for Women, Kakinada, 17th & 18th August, 2016.
- 151.** Dr. M. C. Rao, Department of Physics Electrochemical Properties of LiNiO₂ Thin Films National Seminar on Applications of Nanomaterials in Energy and Environment, A.S.D. Govt. Degree College for Women, Kakinada, 17th & 18th August, 2016.
- 152.** Dr. M. C. Rao, Department of Physics Structural and Luminescent Properties of VO²⁺ Doped SnO₂Thin Films K. Lakshmi, K. Ravindranadh and M.C. Rao National Seminar on Applications of Nanomaterials in Energy and Environment, A.S.D. Govt. Degree College for Women, Kakinada, 17th & 18th August, 2016.
- 153.** Dr. M. C. Rao, Department of Physics Synthesis and Structural Characterization of Ni²⁺ Doped CdTe Nanoparticles National Seminar on Applications of Nanomaterials in Energy and Environment, A.S.D. Govt. Degree College for Women, Kakinada, 17th & 18th August, 2016.
- 154.** Dr. M. C. Rao, Department of Physics Optical and EPR Studies of Mn²⁺ Doped TiO₂ Thin Films by Sol-gel Technique National Seminar on Applications of Nanomaterials in Energy and Environment, A.S.D. Govt. Degree College for Women, Kakinada, 17th & 18th August, 2016.
- 155.** Dr. M. C. Rao, Department of Physics Optical Properties of PVA - Assisted Transition Metal Ions (VO²⁺, Cr³⁺) Doped ZnSe Nanoparticles National Seminar on Applications of Nanomaterials in Energy and Environment, A.S.D. Govt. Degree College for Women, Kakinada, 17th & 18th August, 2016.
- 156.** Dr. M. C. Rao, Department of Physics Structural Characterization of Mn²⁺ Doped CdTe Nanoparticles National Seminar on Applications of Nanomaterials in Energy and Environment, A.S.D. Govt. Degree College for Women, Kakinada, 17th & 18th August, 2016.
- 157.** Dr. M. C. Rao, Department of Physics Structural and Electrical Properties of PVP Based Composite Polymer Electrolyte Films for Solid State Battery Application National Seminar on Applications of Nanomaterials in Energy and Environment, A.S.D. Govt. Degree College for Women, Kakinada, 17th & 18th August, 2016.
- 158.** Dr. M. C. Rao, Department of Physics Recent Advancements in Layered Cathodes for Solid State Batteries National Seminar on Applications of Nanomaterials in Energy and Environment, A.S.D. Govt. Degree College for Women, Kakinada, 17th & 18th August, 2016.
- 159.** Dr. M. C. Rao, Department of Physics Preparation and Characterization of TiO₂ Thin Films by Sol-gel Technique National Seminar on Applications of Nanomaterials in Energy and Environment, A.S.D. Govt. Degree College for Women, Kakinada, 17th & 18th August, 2016.
- 160.** Dr. M. C. Rao, Department of Physics Spectroscopic Investigations on Cr³⁺ Doped SnO₂Thin Films National Seminar on Applications of Nanomaterials in Energy and Environment, A.S.D. Govt. Degree College for Women, Kakinada, 17th & 18th August, 2016.
- 161.** Dr. M. C. Rao, Department of Physics Role of Solar Energy in Electrochemical Proces National Seminar on Emerging Trends in Environment and Sustainable Development, Andhra Loyola College, Vijayawada, 2nd & 3rd September, 2016.
- 162.** Dr. M. C. Rao, Department of Physics Sustainable Energy - Implementation and Uses National Seminar on Emerging Trends in Environment and Sustainable Development, Andhra Loyola College, Vijayawada, 2nd & 3rd September, 2016.
- 163.** Dr. M. C. Rao, Department of Physics Climate Change-Environmental Concerns National Seminar on Emerging Trends in Environment and Sustainable Development, Andhra Loyola College, Vijayawada, 2nd & 3rd September, 2016.

- 164.** Dr. M. C. Rao, Department of Physics Impact of Air Pollution on Human Health National Seminar on Emerging Trends in Environment and Sustainable Development, Andhra Loyola College, Vijayawada, 2nd & 3rd September, 2016.
- 165.** Dr. M. C. Rao, Department of Physics Impact of E-Waste on Global Environment National Seminar on Emerging Trends in Environment and Sustainable Development, Andhra Loyola College, Vijayawada, 2nd & 3rd September, 2016.
- 166.** Dr. M. C. Rao, Department of Physics Emerging Trends and Applications of Biotechnology in Medicine National Seminar on Emerging Trends in Environment and Sustainable Development, Andhra Loyola College, Vijayawada, 2nd & 3rd September, 2016.
- 167.** Dr. M. C. Rao, Department of Physics Natural Resources - Environmental Strategic Considerations National Seminar on Environmental Protection and Sustainable Development Issues and Challenges, Sir C.R. Reddy College, Eluru, 22nd & 23rd September, 2016.
- 168.** Dr. M. C. Rao, Department of Physics Destructive Effects of Environmental Pollution on Human Health National Seminar on Environmental Protection and Sustainable Development Issues and Challenges, Sir C.R. Reddy College, Eluru, 22nd & 23rd September, 2016.
- 169.** Dr. M. C. Rao, Department of Physics Dying Effects of Solid Waste Pollution on Environment National Seminar on Environmental Protection and Sustainable Development Issues and Challenges, Sir C.R. Reddy College, Eluru, 22nd & 23rd September, 2016.
- 170.** Dr. M. C. Rao, Department of Physics Role of Technology Change on Sustainable Development National Seminar on Environmental Protection and Sustainable Development Issues and Challenges, Sir C.R. Reddy College, Eluru, 22nd & 23rd September, 2016.
- 171.** Dr. M. C. Rao, Department of Physics Synthesis and Structural Properties of Cr³⁺ Doped CdS Nanoparticles National Seminar on Advances in the Synthesis of Nanomaterials and their Multidimensional Applications in Chemical & Bio- Sciences, Andhra Loyola College, Vijayawada, 14th & 15th September, 2016.
- 172.** Dr. M. C. Rao, Department of Physics Spectroscopic and Luminescent Properties of Cr³⁺ Doped CdS Nanoparticles National Seminar on Advances in the Synthesis of Nanomaterials and their Multidimensional Applications in Chemical & Bio- Sciences, Andhra Loyola College, Vijayawada, 14th & 15th September, 2016.
- 173.** Dr. M. C. Rao, Department of Physics Structural Characterization of VO²⁺ Doped ZnS Nanoparticles by Co-precipitation Method National Seminar on Advances in the Synthesis of Nanomaterials and their Multidimensional Applications in Chemical & Bio- Sciences, Andhra Loyola College, Vijayawada, 14th & 15th September, 2016.
- 174.** Dr. M. C. Rao, Department of Physics Luminescent Studies on VO²⁺ Doped ZnS Nanoparticles by Co-precipitation Method National Seminar on Advances in the Synthesis of Nanomaterials and their Multidimensional Applications in Chemical & Bio- Sciences, Andhra Loyola College, Vijayawada, 14th & 15th September, 2016.
- 175.** Dr. M. C. Rao, Department of Physics Nanoparticles for Gas Sensing Application National Seminar on Advances in the Synthesis of Nanomaterials and their Multidimensional Applications in Chemical & Bio- Sciences, Andhra Loyola College, Vijayawada, 14th & 15th September, 2016.
- 176.** Dr. M. C. Rao, Department of Physics Harmful Effects of Nanomaterials in the Human Environment National Seminar on Advances in the Synthesis of Nanomaterials and their Multidimensional Applications in Chemical & Bio- Sciences, Andhra Loyola College, Vijayawada, 14th & 15th September, 2016.
- 177.** Dr. M. C. Rao, Department of Physics Phytochemical Screening and Evaluation of Various Extracts of *Thespesia Populnea*(L.) National Seminar on Advances in the Synthesis of Nanomaterials and their Multidimensional Applications in Chemical & Bio- Sciences, Andhra Loyola College, Vijayawada, 14th & 15th September, 2016.
- 178.** Dr. M. C. Rao, Department of Physics Determination of Azithromycin in Pure and Dosage Forms by Spectrophotometric Method National Seminar on Advances in the Synthesis of

Nanomaterials and their Multidimensional Applications in Chemical & Bio- Sciences, Andhra Loyola College, Vijayawada, 14th & 15th September, 2016.

179. Dr. M. C. Rao, Department of Physics Impact of Solid Waste Management on Environmental Issues National Seminar on Solid Waste Management Issues, Challenges and Opportunities, SRR & CVR Govt.College, Vijayawada, 16th & 17th September, 2016.

180. Dr. M. C. Rao, Department of Physics Role of Plastics in Day to Day Life National Seminar on Solid Waste Management Issues, Challenges and Opportunities, SRR & CVR Govt. College, Vijayawada, 16th & 17th September, 2016.

181. Dr. M. C. Rao, Department of Physics Processes for the Extraction of Metals from E-Waste National Seminar on Solid Waste Management Issues, Challenges and Opportunities, SRR & CVR Govt. College, Vijayawada, 16th & 17th September, 2016.

182. Dr. M. C. Rao, Department of Physics Role of Biomethanation Technology in Energy Conservation Process National Seminar on Solid Waste Management Issues, Challenges and Opportunities, SRR & CVR Govt. College, Vijayawada, 16th & 17th September, 2016.

183. Dr. M. C. Rao, Department of Physics Structural and Optical Properties of ZnTe Thin Films by Thermal Evaporation National Seminar on Advanced Materials in Science & Technology, P.R. Govt. College, Kakinada, 23rd & 24th September, 2016.

184. Dr. M. C. Rao, Department of Physics Structural and Luminescent Properties of Cr³⁺ Doped ZnTe Nanoparticles National Seminar on Advanced Materials in Science & Technology, P.R. Govt. College, Kakinada, 23rd & 24th September, 2016.

185. Dr. M. C. Rao, Department of Physics Morphological Features of Mn²⁺ Doped ZnTe Nanoparticles National Seminar on Advanced Materials in Science & Technology, P.R. Govt. College, Kakinada, 23rd & 24th September, 2016.

186. Dr. M. C. Rao, Department of Physics Luminescent Properties of Ni²⁺ Doped ZnTe Nanoparticles National Seminar on Advanced Materials in Science & Technology, P.R. Govt. College, Kakinada, 23rd & 24th September, 2016.

187. Dr. M. C. Rao, Department of Physics Fundamental Aspects of Polymer Nanocomposites National Seminar on Advanced Materials in Science & Technology, P.R. Govt. College, Kakinada, 23rd & 24th September, 2016.

188. Dr. M. C. Rao, Department of Physics Overview on Thin Film Solar Cells National Seminar on Advanced Materials in Science & Technology, P.R. Govt. College, Kakinada, 23rd & 24th September, 2016.

189. Dr. M. C. Rao, Department of Physics Emerging Trends in Superconducting Polymers National Seminar on Advanced Materials in Science & Technology, P.R. Govt. College, Kakinada, 23rd & 24th September, 2016.

190. Dr. M. C. Rao, Department of Physics Structural and Optical Properties of PVP Based Polymer Thin Films National Seminar on Advanced Materials in Science & Technology, P.R. Govt. College, Kakinada, 23rd & 24th September, 2016.

191. Dr. M. C. Rao, Department of Physics Ecosystem- Maintaining Natural Life Support Processes National Seminar on Energy & Ecology, Sir C.R. Reddy College, Eluru, 4th & 5th October, 2016.

192. Dr. M. C. Rao, Department of Physics Impact of Natural Resources on Human development National Seminar on Energy & Ecology, Sir C.R. Reddy College, Eluru, 4th & 5th October, 2016.

193. Dr. M. C. Rao, Department of Physics Issues and Challenges in Hydropower Control National Seminar on Energy & Ecology, Sir C.R. Reddy College, Eluru, 4th & 5th October, 2016.

194. Dr. M. C. Rao, Department of Physics Economic Issues and Policies in Soil Pollution Prevention National Seminar on Energy & Ecology, Sir C.R. Reddy College, Eluru, 4th & 5th October, 2016.

- 195.** Dr. M. C. Rao, Department of Physics Power Generation Perspectives through Solar Energy National Seminar on Energy & Ecology, Sir C.R. Reddy College, Eluru, 4th & 5th October, 2016.
- 196.** Dr. M. C. Rao, Department of Physics Analysis of Drugs in Pure and Dosage Forms National Seminar on Energy & Ecology, Sir C.R. Reddy College, Eluru, 4th & 5th October, 2016.
- 197.** Dr. M. C. Rao, Department of Physics Antioxidant Activity of *Thespesia Populnea* (L.) Seed Extract National Seminar on Energy & Ecology, Sir C.R. Reddy College, Eluru, 4th & 5th October, 2016.
- 198.** Dr. M. C. Rao, Department of Physics Role of Nanotechnology in Energy Conservation of Eco-friendly Constructions National Seminar on Energy & Ecology, Sir C.R. Reddy College, Eluru, 4th & 5th October, 2016.
- 199.** Dr. M. C. Rao, Department of Physics Economic Load Dispatch with Multiple Fuel Options using GA Toolbox in Matlab International Conference on Recent Trends in Engineering, Science & Technology, St. Peter's Engineering College, Hyderabad, India, 25th - 27th October, 2016.
- 200.** Dr. M. C. Rao, Department of Physics Structural and Luminescent Properties of VO²⁺ Doped SnO₂ Thin Films 2nd Andhra Pradesh Science Congress (APSC-2016), P.B. Siddhartha College, 7th - 9th November, 2016.
- 201.** Dr. M. C. Rao, Department of Physics Optical and EPR Studies of Mn²⁺ Doped TiO₂ Thin Films 2nd Andhra Pradesh Science Congress (APSC-2016), P.B. Siddhartha College, 7th - 9th November, 2016.
- 202.** Dr. M. C. Rao, Department of Physics Synthesis and Structural Characterization of Ni²⁺ Doped PVA Capped CdTe Nanoparticles 2nd Andhra Pradesh Science Congress (APSC-2016), P.B. Siddhartha College, 7th - 9th November, 2016.
- 203.** Dr. M. C. Rao, Department of Physics Structural and Luminescent Properties of TiO₂ Thin Films Prepared by Sol-gel Technique 2nd Andhra Pradesh Science Congress (APSC-2016), P.B. Siddhartha College, 7th - 9th November, 2016.
- 204.** Dr. M. C. Rao Spectroscopic Investigations on CLHA Nanopowders by Mechanochemical Synthesis 2nd Andhra Pradesh Science Congress (APSC-2016), P.B. Siddhartha College, 7th - 9th November, 2016.
- 205.** Dr. M. C. Rao Microstructural Features of LiNiO₂ Thin Films Prepared By Pulsed Laser Deposition 2nd Andhra Pradesh Science Congress (APSC-2016), P.B. Siddhartha College, 7th - 9th November, 2016.
- 206.** Dr. M. C. Rao Spectroscopic Studies on ZnO Nanoparticles Embedded Schiff based Liquid Crystalline Compounds 2nd Andhra Pradesh Science Congress (APSC-2016), P.B. Siddhartha College, 7th - 9th November, 2016.
- 207.** Dr. M. C. Rao Structural and Optical Properties of Fe₃O₄ Embedded Liquid Crystalline Compounds 2nd Andhra Pradesh Science Congress (APSC-2016), P.B. Siddhartha College, 7th - 9th November, 2016.
- 208.** Dr. M. C. Rao Effect of ZnO nanoparticles dispersed in Liquid Crystalline Alkoxy benzoic acids Optical Studies 2nd Andhra Pradesh Science Congress (APSC-2016), P.B. Siddhartha College, 7th - 9th November, 2016.
- 209.** Dr. M. C. Rao Structural Characterization of Citrate Capped Silver Nanoparticles Embedded Liquid crystals 2nd Andhra Pradesh Science Congress (APSC-2016), P.B. Siddhartha College, 7th - 9th November, 2016.
- 210.** Dr. M. C. Rao Thermodynamic and Gas Sensing Properties of Cu²⁺ Doped SnO₂ Thin Films 2nd Andhra Pradesh Science Congress (APSC-2016), P.B. Siddhartha College, 7th - 9th November, 2016.
- 211.** Dr. M. C. Rao, Department of Physics Electrical Properties of PVA Capped CdSe Nanopolymers National seminar on Materials Science and Technology, V.R. Siddhartha Engineering College, Vijayawada, 19th November, 2016.

- 212.** Dr. M. C. Rao, Department of Physics Electrical Conduction Phenomenon in PVA Capped CdS Nanopolymers National seminar on Materials Science and Technology, V.R. Siddhartha Engineering College, Vijayawada, 19th November, 2016.
- 213.** Dr. M. C. Rao, Department of Physics Thermal and Photoluminescence Properties of SnO₂ Thin Films National Seminar on Smart Materials, J.M.J. College, Tenali, 30th November & 1st December, 2016.
- 214.** Dr. M. C. Rao, Department of Physics Vibrational Studies on VO²⁺ Doped SnO₂ Thin Films by Spray Pyrolysis National Seminar on Smart Materials, J.M.J. College, Tenali, 30th November & 1st December, 2016.
- 215.** Dr. M. C. Rao, Department of Physics Spectroscopic studies on Citrate Capped Gold Nanoparticles doped in Liquid Crystalline Compounds National Seminar on Smart Materials, J.M.J. College, Tenali, 30th November & 1st December, 2016.
- 216.** Dr. M. C. Rao, Department of Physics Role of ZnO nanoparticles dispersion in Schiff base Liquid Crystalline compounds – Experimental studies National Seminar on Smart Materials, J.M.J. College, Tenali, 30th November & 1st December, 2016.
- 217.** Dr. M. C. Rao, Department of Physics Development and Validation for Quantitative Estimation of Indinavir in Pure and Dosage Forms National Conference on Recent Innovations in Chemistry for Environment, K.L. University, Guntur, 9th & 10th December, 2016.
- 218.** Dr. M. C. Rao, Department of Physics spectrophotometric Assay Methods for Atazanavir in Pure and Dosage Forms National Conference on Recent Innovations in Chemistry for Environment, K.L. University, Guntur, 9th & 10th December, 2016.
- 219.** Dr. M. C. Rao, Department of Physics Green Nanotechnology – Issues and Challenges National Conference on Recent Innovations in Chemistry for Environment, K.L. University, Guntur, 9th & 10th December, 2016.
- 220.** Dr. M. C. Rao, Department of Physics Effect of Heavy Metal ion Pollution on Human Life National Conference on Recent Innovations in Chemistry for Environment, K.L. University, Guntur, 9th & 10th December, 2016.
- 221.** Dr. M. C. Rao, Department of Physics Simulation of 11 Level Hybrid Cascade-Stack (HCS) Inverter with Reduced Number of Switches 2nd International Conference on Smart Electric Grid, K.L. University, Guntur, 22nd & 23rd December, 2016.
- 222.** Dr. M. C. Rao, Department of Physics Comparison of Pi/Fuzzy Techniques for Compensation of Unbalanced Voltages in Grid Connected PMSG Based Wind Turbine 2nd International Conference on Smart Electric Grid, K.L. University, Guntur, 22nd & 23rd December, 2016.
- 223.** Dr. M. C. Rao, Department of Physics An Integration of Dual UPQC Controller for Power Quality Compensation by Extending its Voltage Regulation at Grid Side as a Statcom 2nd International Conference on Smart Electric Grid, K.L. University, Guntur, 22nd & 23rd December, 2016.
- 224.** Dr. M. C. Rao, Department of Physics Synthesis of MoO₃ Nanopowders by Chemical Vapour Deposition International seminar on Physics and Chemistry of Materials and Applications, S.P.M.H. Kalasala, Machilipatnam, India, 4th & 5th January, 2017.
- 225.** Dr. M. C. Rao, Department of Physics Synthesis and Characterization of Cr³⁺ Doped SnO₂ Thin Films International seminar on Physics and Chemistry of Materials and Applications, S.P.M.H. Kalasala, Machilipatnam, India, 4th & 5th January, 2017.
- 226.** Dr. M. C. Rao, Department of Physics Mesomorphic behaviour of Schiff Base Liquid Crystalline Compounds with the dispersion of BaTiO₂ nanoparticles - Optical Studies International seminar on Physics and Chemistry of Materials and Applications, S.P.M.H. Kalasala, Machilipatnam, India, 4th & 5th January, 2017.
- 227.** Dr. M. C. Rao, Department of Physics characterization of Schiff base Liquid crystalline compounds with dispersed ZnO nanoparticles - Spectroscopic Studies International seminar on Physics and Chemistry of Materials and Applications, S.P.M.H. Kalasala, Machilipatnam, India, 4th & 5th January, 2017.

- 228.** Dr. M. C. Rao, Department of Physics Characterization of Liquid crystalline compounds with dispersed Citrate capped Au nanoparticles-Optical Studies International seminar on Physics and Chemistry of Materials and Applications, S.P.M.H. Kalasala, Machilipatnam, India, 4th & 5th January, 2017.
- 229.** Fr A Rex Angelo SJ Paper presentation on “A Review of Various ELT Methods” at ALIET, Vijayawada during a two-day National Seminar on ‘Emerging Trends in English Language Pedagogy’ organised by the Department of English on 11 & 12 March 2016.
- 230.** Fr A Rex Angelo SJ Paper presentation on “Caring for the Elderly is a Divine Imperative – A Christian Perspective” during the two-day National Seminar on ‘Ethical Issues of Geriatric Care in India’ organised by the Department of Ethics & Religion, ALC (Autonomous), Vijayawada in collaboration with Indian Council of Philosophical Research, New Delhi during 28 & 29 October 2016.

Seminars/Workshops/Refresher Courses attended:

- 1.** DBT sponsored workshop – A two day regional student workshop on Instrumentation and Hands-on training in advanced biological techniques was organized on 27-28th July, 2016. 45 students from 8 different colleges participated in this workshop and the concerned faculty members explained the various techniques and experiments to the students. They also demonstrated all the working principles of the instruments in their concerned labs.
- 2.** Awareness programme – On the eve of World Nature Conservation day (27th July 2016) a drawing competition on saving nature and conservation of biodiversity was organized to a total number of 280 students and the prize winners were announced.
- 3.** One day student workshop was held on 29 July 2016. In this workshop all the faculty members of the Biotechnology department were involved and 75 students attended it. The faculty explained the principles and procedures of the Instruments in the lab in detail.
- 4.** A One day DBT sponsored regional workshop on 17 August 2016 on Instrumentation and Lab maintenance for 24 support staff. It was on Microscopy and Preparation of standard solutions.
- 5.** A e-content development workshop for biology students in collaboration with CIS-A2K Bangalore, Mr. Pawan Santhosh, Programme officer, Wikipdia trained 62 students of 3 departments in e-content development was organized from 16-18th August, 2016.
- 6.** A Two-day DBT sponsored National Seminar on 2nd and 3rd September 2016 on Emerging Trends in Environment and Sustainable development. The seminar was enthralled with a galaxy of speakers across the country. Total of 6 speakers from different universities and institutes gave their talk. The DBT research lab and Bioinformatics was also inaugurated then.
- 7.** A district level seminar on Pulses for sustainable food security – prosects and challenges was organized by the department of School education, Krishna District in association with Andhra Loyola College on November 9th 2016. 181 students from different schools have participated and presented their research work.
- 8.** A two day DBT sponsored National Seminar - on Advances in the synthess of nanomaterials and their multi-dimensional applications in chemical and biosciences on 14-15 September 2016. 147 participants gave their poster and oral presentations.
- 9.** On 28 October 2016, an awareness programme for all intermediate girl students was organized. Dr.Venkata Sridevi and Dr.Kola Vijaya Sekhar, Deputy Civil Surgeon, Govt. General Hospital, Vijayawada counselled the students regarding oral and ophthalmic health problems.Drawing and slogan wirting competitions were also conducted.
- 10.** Orientation for teachers was organized on 1st and 2nd Nov, 2016 in the National Childrens’ Science Congress. Department members were invited to be the jury members.
- 11.** On 22 July 2016, Dr.Sudhakar, HOD Biotechnology, ANU delivered a talk on Genetic Engineering. He spoke about the principles and procedures of genetic engineering techniques. It was attended by UG and PG departments.

12. On 25th Nov, 2016, Ms. V. Kavitha, HOD department of Biotechnology was the jury member for the 24th National Science Congress-2016 district level competitions. School children had actively participated and presented their research work.
13. Ms. V. Kavitha , HOD, Department of Biotechnology, along with other faculty members in ALC were the jury members for the state level competitions for the 24th National Science Congress 2016 on 3rd December 2016.
14. Mr S.S.Sreedhar & Mr.Ananda Babu.R attended a workshop entitled "Malicious Software and its underground Economy" from 29th to 31st August, 2016 at AP HRDI, Bapatla, Guntur.
15. Mrs. R.P.L.Durgabai Poonam attended a seminar on "Big Data Scenario" conducted by Paladugu Parvathi Devi College of Engineering & Technology on 30th Sept & 1st Oct 2016
16. Mrs. R.P.L.Durgabai Poonam presented a paper entitled "Big Data Architecture" conducted by Andhra Loyola College on 28th & 29th Dec 2016
17. One day sensitisation programme was organized by PG Departments of Physics and Chemistry on 27th July 2016 on "New Trends in Materials Research "in association with Centre for continuous Learning & Research (CCLR).
18. A two day national seminar on "*Advances in the synthesis of Nano materials and their multidimensional applications in chemical and bio sciences*" was organised by Department of PG chemistry in association with UG chemistry of Andhra Loyola College during 14th and 15th September 2016 at Andhra Loyola College, Vijayawada.
19. Orientation Programme on "Research Methodology" 23rd June, 2016 Internal Quality Assurance Cell (IQAC) Andhra Loyola College, Vijayawada -8.
20. Mendeley presentation session, 15th December 2016, Mendeley Advisor, Dr. Poorna Prabhat sunkara, Depratment of MBA, Andhra Loyola college, Vijayawada-8
21. Resource person for national science seminar- 2016 organised by national council of science museums ,ministry of culture ,government of india,web site :www.ncsm.gov.in in education Authorities collaboration.
22. Dr.T.SRIKUMAR Dept. Of Physics_Higher education opportunities for physically challenged persons ,at two day national seminar on issues ,challenges and opportunities in higher education for physically challenged persons at Andhra Loyola college ,Vijayawada by HEPSN AND C.B.M. bangalore4th and 5th Jan 2016
23. B. BALAJI BHANU Lecturer in Electronics Participated in MeitY, Govt. of India Sponsored Faculty development programee on "*IoT for Emerging Technical Applications*" organized by E & ICT academy NIT, Wrangal at the Dept of IT, PVP Siddhartha institute of Technology, Vijayawada from 21st to 26th November 2016.
24. B. BALAJI BHANU Lecturer in Electronics Participated in one day UGC funded National level workshop on "*Research and Innovations: Issues and challenges (NWRIIC - 2016)*" at KBN College, Vijayawada on 22nd October 2016.
25. B. BALAJI BHANU Lecturer in Electronics Participated in one day National level conference on "*Precision Agriculture Technologies- AGRICON 2016*" at Hotel Hilton, Chennai, on 4th March 2016.
26. Fr. G.M.Victor Emmanuel attendenational seminar on "Recent Research Developments In Higher Education organized by the Internal Quality Assurance Cell,A.C.College,Guntur on6.12.2016&7.12.2016 and presented paper"Newton's Law Of Cooling".
27. Mr. M.MARIA DAS attended One Day Workshop on "Current Trends in Mathematics and Statistics" organized by Departments of Mathematics and Statistics, SRR & CVR Govt. Degree College , Vijayawada on 13.07.2016.
28. Mr. M.MARIA DAS attended UGC Sponsored One Week National Workshop and Faculty Development Programme on "Human Values and Professional Ethics" organized by S S N College, NarasaraoPet, Guntur, from 17.09.2016 to 23.09.2016.
29. Mr.P.Chenchu Babu attended One Day Workshop on "Current Trends in Mathematics and Statistics" organized by Departments of Mathematics and Statistics, SRR & CVR Govt. Degree College , Vijayawada on 13.07.2016.

30. Mr.P.Chenchu Babu attended UGC Sponsored One Week National Workshop on “Quality Improvement in Higher Education” organized by CRR Autonomous College, Eluru from 18.08.2016 to 24.08.2016.
31. Mr.P.Venu Gopala Rao attended One Day Workshop on “Current Trends in Mathematics and Statistics” organized by Departments of Mathematics and Statistics, SRR & CVR Govt. Degree College , Vijayawada on 13.07.2016.
32. Mr.P.Venu Gopala Rao attended UGC Sponsored One Week National Workshop on “Quality Improvement in Higher Education” organized by CRR Autonomous College, Eluru from 18.08.2016 to 24.08.2016.
33. Dr.B.Raju has participated in the faculty Development Programme on “*Effective Teaching*” organised by P.B.Sidhartha College of Arts & Science, Vijayawada on 24th October 2016.
34. Dr. B.Raju has participated in the National Workshop on The Art of Publishing, *Writing Thesis and Project Proposal* organised by the Central Library jointly with R & D and Academic Staff College, KL University.
35. Dr.B.Raju has participated in the Two Week Faculty Development Programme sponsored by DST, Govt. of India on *BIG DATA ANALYTICS*, organised by Department of Commerce & Management, Acharya Nagarjuna University.
36. Dr.B.Raju has participated in the One-Day Regional Awareness Workshop on “*New Curriculum for General English and Communication Skills*” organised by the Department of English KRISHNA UNIVERSITY, in association with KBN College on 6th August, 2016.
37. Dr.B.Raju has participated in the UGC funded One-Day National Seminar on Challenges in Teaching Language organised by the Departments of Languages, SRR & CVR Govt. Degree College, and Vijayawada and presented a paper on “Empowering Teachers and Learners: Comparative Learning for Cognitive development.
38. Dr.B.Raju has participated UGC Sponsored One-Week National Workshop in ‘*Quality Improvement in Higher Education*’ under Faculty Enrichment Programme held from 18th August to 24th August 2016 at Sir C R Reddy Autonomous College, Eluru, in collaboration with Adikavavi Nannaya
39. Dr.B.Raju has attended National Seminar on Environmental Protection and Sustainable Development Issues and Challenges: organised by the Departments of Chemistry, Botany and Zoology, at Sir CR Reddy College on 22 and 23 September and presented a paper on “*SOLUTION TO THE PROBLEMS OF THE SUSTAINABLE DEVELOPMENT MANAGEMENT* “.
40. Dr.B.Raju has attended A Two-Day National Seminar on “Advances in the Synthesis of Nonmaterial’s and their Multi Dimensional Applications in Chemical & Bio-Sciences” held on 14th-15th September, 2016 in Andhra Loyola College and presented a paper on “*Recent Advances in Nanocarbon Materials* “.
41. Dr.B.Raju has participated in the Two-Day National Workshop on “*New Directions in Teaching English in Professional Colleges: The Humanities perspective(NDPCH-2016)*” under TEQI, organised by the Department Humanities & Social Sciences, National Institute of Technology Warangal, during September 23-24, 2016.
42. Dr.B.Raju has participated in the UGC Sponsored Two-Day National Seminar on “Energy & Ecology” held at Sir CR Reddy College-Eluru on 4th, 5th October 2016.
43. Mr D PRAVEEN has participated in the One-Day Regional Awareness Workshop on “*New Curriculum for General English and Communication Skills*” organised by the Department of English KRISHNA UNIVERSITY, in association with KBN College on 6th August, 2016.
44. Mr D Praveen has participated in the faculty Development Programme on “*Effective Teaching*” organised by P.B.Sidhartha College of Arts & Science, Vijayawada on 24th October 2016.
45. Dr. G. Sahaya Baskaran, as the Coordinator of HEPSN, attended a meeting organised by Help the Blind Foundation held at Chennai on 6-2-2016. This meeting was chaired by Mr Patel the founder Trustee, from Hong Kong and other institutions from India, receiving grants for their

visually challenged students. The meeting is primarily to discuss new modes of funding and other possibilities to expand the services to visually challenged students. He also visited the Resource Centre for the Students with disabilities at Loyola College, Chennai. He has learnt various measures adopted by Loyola College Chennai for the upliftment of the students with disabilities.

46. Dr. G. Sahaya Baskaran, as the Coordinator of HEPSN, has attended the National Seminar on 'Inclusion- make it happen' from the 11-13, March 2016, organized by Asian Blind Union (ABU) and International Council for Education of People with Visual Impairment (ICEVI), held at Ahmedabad.

47. Dr. G. Sahaya Baskaran, Department of Physics participated in one Day DST sponsored INSPIRE programme organised by the State Council of Education Research and Training (SCERT), Govt. of Andhra Pradesh held at ALC on 25th July 2016.

48. Dr. G. Sahaya Baskaran, Department of Physics attended the Golden Jubilee Celebrations of AIACHE held at American College, Madurai during 7th-11th October 2016.

49. Dr. G. Sahaya Baskaran, Department of Physics acted as a Judge on the District Level Children's Science Congress, held at Bavanipuram Science Centre on 26th November 2016.

50. Dr. G. Sahaya Baskaran, Department of Physics acted as an Evaluator on the State level Children's Science Congress, held at CBR Academy of Sports and Education Kethanakonda, Ibrahimpatnam on 3rd December 2016.

51. *Dr. Y. Hanumantha Rao, Department of chemistry*, has participated in the One week UGC Sponsored National Workshop in 'Quality Improvement in Higher Education' under Faculty Enrichment Programme (Multi –Disciplinary) held from 18th-24th August, 2016 at Sir C. R. Reddy Autonomous College Eluru in collaboration with Adikavi Nannaya University.

52. Dr. Y. Hanumantha Rao, Department of Chemistry, has participated in one day DST Sponsored Inspired Programme Organized by SCERT, Govt. Of Andhra Pradesh at Andhra Loyola College, Vijayawada on 25th July, 2016.

53. Dr. Y. Hanumantha Rao, Department of Chemistry, has participated in UGC Funded One Day National Workshop on "Research and Innovations: Issues and Challenges (NWRIC-2016) Organized by IQAC, KBN College, Vijayawada on 22nd October, 2016.

54. Dr. Y. Hanumantha Rao, Department of Chemistry, has participated in UGC Funded Two Day National Workshop on "Radio Chemistry" Organized by the Department of Chemistry in association with Indian Association of Nuclear Chemistry and Allied Scientists, IGCAR, kalpakkam during 27-28th September, 2016 at P.B. Siddhartha College of Arts and Science, Vijayawada.

55. P.V.S.SAIRAM, DEPARTMENT OF PHYSICS Attended a 3 day Residential Training Programme on "Internet of Things" during 21 – 23 September 2016 at APHRD Institute (Government of AP) at Bapatla

56. P.V.S.SAIRAM, DEPARTMENT OF PHYSICS Participated in 1 day Workshop in "Computational Physics" held at SRR & CVR Government Degree College, Vijayawada on 24th February 2016

57. Dr.V.Ashok Babu, Reader in Physics Participated in 1 day DST sponsored INSPIRE Programme organized by SCERT, Govt.of India at ALC on 25th JULY, 2016.

58. Dr. M. C. Rao, Department of Physics 2nd National Conference on Fundamental and Applied Chemistry, Chemical Science Review and Letters, Salem, 4th June, 2016.

59. Dr. M. C. Rao, Department of Physics National Seminar on Applications of Nanomaterials in Energy and Environment, A.S.D. Govt. Degree College for Women, Kakinada, 17th & 18th August, 2016.

60. Dr. M. C. Rao, Department of Physics National Seminar on Emerging Trends in Environment and Sustainable Development, Andhra Loyola College, Vijayawada, 2nd & 3rd September, 2016.

61. Dr. M. C. Rao, Department of Physics National Seminar on Environmental Protection and Sustainable Development Issues and Challenges, Sir C.R. Reddy College, Eluru, 22nd & 23rd September, 2016.
62. Dr. M. C. Rao, Department of Physics National Seminar on Advances in the Synthesis of Nanomaterials and their Multidimensional Applications in Chemical & Bio- Sciences, Andhra Loyola College, Vijayawada, 14th & 15th September, 2016.
63. Dr. M. C. Rao, Department of Physics National Seminar on Solid Waste Management Issues, Challenges and Opportunities, SRR & CVR Govt. College, Vijayawada, 16th & 17th September, 2016.
64. Dr. M. C. Rao, Department of Physics National Seminar on Advanced Materials in Science & Technology, P.R. Govt. College, Kakinada, 23rd & 24th September, 2016.
65. Dr. M. C. Rao, Department of Physics National Seminar on Energy & Ecology, Sir C.R. Reddy College, Eluru, 4th & 5th October, 2016.
66. Dr. M. C. Rao International Conference on Recent Trends in Engineering, Science & Technology, St. Peter's Engineering College, Hyderabad, India, 25th - 27th October, 2016.
67. Dr. M. C. Rao, Department of Physics 2nd Andhra Pradesh Science Congress (APSC-2016), P.B. Siddhartha College, 7th - 9th November, 2016.
68. Dr. M. C. Rao, Department of Physics National seminar on Materials Science and Technology, V.R. Siddhartha Engineering College, Vijayawada, 19th November, 2016.
69. Dr. M. C. Rao, Department of Physics National Seminar on Smart Materials, J.M.J. College, Tenali, 30th November & 1st December, 2016.
70. Dr. M. C. Rao, Department of Physics National Conference on Recent Innovations in Chemistry for Environment, K.L. University, Guntur, 9th & 10th December, 2016.
71. Dr. M. C. Rao, Department of Physics 2nd International Conference on Smart Electric Grid, K.L. University, Guntur, 22nd & 23rd December, 2016.
72. Dr. M. C. Rao, Department of Physics International seminar on Physics and Chemistry of Materials and Applications, S.P.M.H. Kalasala, Machilipatnam, India, 4th & 5th January, 2017.
73. Dr. M. C. Rao, Department of Physics 77th Indian Science Academies' Refresher Course on "Experimental Physics" (2 Weeks) from 14-06-2016 to 29-06-2016, K.L. University, Guntur.
74. Dr. M. C. Rao, Department of Physics UGC Sponsored Workshop in Quality Improvement in Higher Education under Faculty Enrichment Programme (1 week) from 18-08-2016 to 24-08-2016, Sir C.R. Reddy College, Eluru.
75. Dr.D.Venkata Satish, Lecturer in Physics, Department of Physics Participated in the one-week national workshop in "Quality improvement in Higher Education" held from 18-24 August 2016 at C.R.Reddy College, Eluru.
76. Dr.D.Venkata Satish, Lecturer in Physics, Department of Physics Attended a Workshop on E-Content development, Organized by the I.Q.A.C. of A.L.C during 31st October to 06th November at Andhra Loyola College, Vijayawada.
77. Mr. K. Balachandra attended International Conference at Acharya Nagarjuna University on Jan 4th 2016.
78. Fr A Rex Angelo SJ Participation in Jesuit Higher Education Meet on 'Networking' at St Joseph's College of Commerce, Bengaluru during 4 – 7 November 2016
79. Fr A Rex Angelo SJ Participation in the Endowment Lecture in honour of Mr Y Sreeramulu by Sri Satya Prakash Tucker IAS, Chief Secretary to Government on Vision 2030 on 12th November 2016 at A Convention Hall, Vijayawada

GUEST LECTURES DELIVERED BY THE MEMBERS OF FACULTY:

1. M. Arokiasamy, Department of Mathematics Delivered a talk on "Life of Ramanujan and his Contributions" organized by RavindraBharathi School, Patamatalanka on the National Mathematics Day 22-12-2016 in commemoration of the birth anniversary of the great genius Indian Mathematician Sri. Srinivasa Ramanujan.
2. Guest Lecture titled "New frontiers in Biological Sciences" was organized on 23 June, 2016. Prof. S. Sitarama Rao, Dept of Botany, Osmania University, Hyderabad was the resource

person who delivered a talk on – the physiological stress through the photographic examples of various plants and their important issues.

3. Guest Lecture titled “Green Chemistry” was organized on 24 June, 2016. Prof. MV Basaveswara Rao, Dean, Krishna University was the resource person who explained about the importance of Green chemistry and its 12 principles.

4. A guest lecture by Dr. Sreenivas, Scientist, Asst Director Food Chemistry division, NIN was attended by BSc students. The talk was on Current Nutrition disorders in India and putative diet solutions.

5. Guest Lecture on 23 September 2016 – Dr. B. Siddhardha, Asst. Professor, Dept. of Life Sciences, Pondicherry University gave a lecture on nano particles. He also spoke about the carrier aspects to the outgoing life sciences graduates (230).

6. Guest Lecture - On 15th September 2016 by Dr. David Raju, Reader, Dept. of Chemistry PBS Arts and Science College gave a talk on Chromatography and Spectroscopy techniques. All PG Life sciences departments (50 students) took part in this programme.

7. Guest lecture (28 July 2016) on Conservation of Biodiversity was delivered by Rev. Fr. S. Emmanuel, SJ the former Principal of Andhra Loyola College and Dr. T. Sri Kumar, Dept of Physics ALC delivered a talk. They enlightened the students on the various environmental issues and gave a clear explanation to the students.

8. Guest Lecture by Mr. Balaji Bhanu, Department of Electronics Delivered to II year Visual communication students on “ Introduction to Satellites” on 5-10-2016

9. Guest Lecture by Mr. Gopla Krishna, MD- Swayam Informatics on the title “ Introduction to Analytics” delivered to II year computer Science Students on 7-10-2016

10. Guest Lecture by Mr. K Sreedhar, Department of Computer Science, PB Siddartha Arts and Science , Vijayawada on “Placement Opportunities in IT Sector” to all the III year Computer Science Students on 18-10-2016

11. Guest Lecture by Mis Rekha, Sr. HR manager in Betus consultancy, Bangalore on “ Carrier Development and Interpersonal skills” on 22-11-2016

12. On 15th December a Guest Lecture was arranged on ‘Demonetization and Cash less Transactions’. The resource person was Sri B.Rama Koteswara Rao garu, Dy Director, AP Prosecutions.

13. Arranged a guest lecture on “Applications of Mathematics” on 20th January, 2017. Dr. Y. Praroopa, Department of Mathematics methodology, Andhra Loyola institute of Engineering and technology, Vijayawada, was the resource person for it.

14. Arranged a guest lecture on “Glimpses of Indian Mathematics” on 16th December 2016. Dr. Prabha Satyanarayana Sarma, Mathematics methodology Lecturer in Montessori Mahila College of Education, Vijayawada, was the resource person. His talk enlightened the audience with the growth and development of India mathematics from 500 BC to the great genius Sri. Srinivasa Ramanujan era.

15. Dr. M. Srinivasa Reddy Delivered a guest lecture on the topic “Amaravathi –its past glory” at Montessori Mahila college ,Vijayawada on 1st November 2016.

16. Dr. G. Sahaya Baskaran, Department of Physics delivered a Guest Lecture on ‘ Recent trends in Biomaterials’ at the one day workshop organized for the PG Students of ALC by the CCLR wing of ALC on 27-7-2016

17. Dr. G. Sahaya Baskaran, Department of Physics delivered Guest Lectures (2) on the topic, ‘How to be successful in Examinations’ on 7-9-2016 to the Students of Madonna School for the Deaf and to Madonna College for Deaf on 25-9-2016 :

18. Dr. G. Sahaya Baskaran, Department of Physics delivered a Guest Lectures (2) on ‘Understanding disabilities’ on 3-10-2016 and 15-10-2016 at the Parents Meet organised by the Madonna School for the Deaf as well Madonna College for the Deaf.

19. Dr. G. Sahaya Baskaran, Department of Physics delivered a Guest Lecture on ‘ICT tools for Research & Research Funding Possibilities’ to the Staff members of JMJ College Tenali on 15th November 2016.

20. . Dr. Y. Hanumantha Rao, Department of chemistry, delivered Guest Lecture on “Dilute Solutions and Colligative Properties” conducted by the Department of Chemistry, Sree Vidya Degree College, Gudivada on 10th Oct, 2016.
21. Dr.T.SRIKUMAR Dept. Of Physics_A.P.J. Abdul kalam An inspiration to the indianyouth a memorial lecture to intermediate students of Andhra Loyola College , 27th July 2016 at P.B.Siddhartha college of arts and science
22. Dr.T.SRIKUMAR Dept. Of Physics_Job Opportunities in higher education and employable courses after tenth, inter and degree at M.B.Vignana kendram on may03-05-2016, one day 10.00am to 5.00 pm
23. Dr.T.SRIKUMAR Dept. Of Physics_Global warming and its impact on health and food production at V.M.Mandali silver jubilee hall on 01-05-2016 by Friends of same wave length[FOSWL]
24. Dr.T.SRIKUMAR Dept. Of Physics_SCIENCE sambaralu Krishna district atalkon science for common man to improve living conditions december 11th 2016 at sri kakatiya mahila degree college ,Vijayawada nearly 70 schools participated.
25. Dr.T.SRIKUMAR Dept. Of Physics_Maruthunna paryavaranam— praja arogya samasyalupryavasalanu at Madhu Mahalakshmi cultural center, mogalrajapuram, Vijayawada on 04-06-2016 organized by All INDIA Progressive Forum A.P .Unit, prayavarana parirakshana vedika
26. Dr.T.SRIKUMAR Dept. Of Physics_Paryavarana parirakshana- nadulu pushkaralu at freedom fighters bavan,vijayawada On 24-07-2016. Organized by Paryavarana Parirakshna Vedika, nasthika samajam Vijayawada
27. Dr.T.SRIKUMAR Dept. Of Physics_Career opportunities and awareness about employment opportunities in public private sectors, how to be an entrepreneur at Vijaya Mary Integrated school for the blind Vijayawada. , on 30 -06-2016 organized by UDIS FORUM and CBM,
28. Dr.T.SRIKUMAR Dept. Of Physics_Samaja abivruddi- nadulu paryavarana parirakshna, by ROTARY INTERNATIONAL Vijayawada central at hotel Minerva, museum road, Vijayawada on 06-08-2016,
29. Dr.T.SRIKUMAR Dept. Of Physics Science exhibitions and their importance in learning by doing at science fest organized by St.JOHNS HIGH SCHOOL, Vijayawada on 30-11-2016.
30. Dr.T.SRIKUMAR Dept. Of Physics Synthesis of new materials during one day seminar on new trends in materials research by cclr at p.g departments of physics and chemistry, Andhra Loyola College, on 27th July 2016.
31. Dr.T.SRIKUMAR Dept. Of Physics_Inspiration 2017 a motivation programme for students organized by VIT UNIVERSITY AND EENADU on science and engineering for the development of nation skills to be acquired at Fr Devaiah Auditorium, Andhra Loyola college on November 2016.
32. Dr.T.SRIKUMAR Dept. Of Physics Acted as Adjudicator for physics models in jnana vignana mela conducted by VIDYA bharathi at NUTHAKKI VIGNA VIHARA English medium high school on 19-10-2016.
33. Dr.T.SRIKUMAR Dept. Of Physics Project guidance and training , orientation to guide teachers of INSPIRE Awardees 2016-2017 on 25-07-2016 at Andhra Loyola college organized bySCERT, GOVT OF ANDHRA PRADESH in environ mental science and energy.
34. Dr.T.SRIKUMAR Dept. Of Physics_Delivered lectures for course work of pre Ph.D, M.Phil scholars of department of physics under faculty of sciences ,KRISHNA UNIVERSITY,Machilipatnam 2015,2016 years.
35. Dr.T.SRIKUMAR Dept. Of Physics_21 st century Skills to be incorporated in curriculum reforms to enrich quality in higher education, U.G.C. sponsored national work shop on curriculum reforms to enrich quality in higher education at V.S.R&N.V.R, collegeTenali on 10-09-2016

36. Dr. Y. Hanumantha Rao, Dept. of Chemistry, Andhra Loyola College, Vijayawada has attended the meeting of Board of Studies in Chemistry Dept on 17th March, 2016 at Noble College, Machilipatnam.

37. Dr. Y. Hanumantha Rao, Dept. of Chemistry, Andhra Loyola College, Vijayawada has attended the meeting of Board of Studies in Chemistry Dept on 11th April, 2016 at AG & SG Siddhartha Degree College of Art & Science Vuyyuru.

38. Department of Electronics conducted a two week training program for all 1st year B.Sc electronics students on Soldering Techniques on 7th July 2016 to 23rd July 2016. In this program the students had hands on experience on soldering technique, they learn about soldering tools required different types of soldering techniques of effective soldering use of flux, and learn about desoldering technique.

100 students belong to both AEC & AEL section took part in this training program all over department faculty members played active role in this to 2 week training program.

39. Mr. K. Balachandra delivered a Guest Lecture on Concepts and Prospects in Microbiology at S. R.R Govt Degree College, Vijayawada on 28th Sept 2016

Services rendered as Resource Persons:

1. Orientation for teachers was organized on 1st and 2nd Nov, 2016 in the National Childrens' Science Congress. Department members were invited to be the jury members.

2. On 25th Nov, 2016, Ms. V. Kavitha, HOD department of Biotechnology was the jury member for the 24th National Science Congress-2016 district level competitions. School children had actively participated and presented their research work.

3. Ms. V. Kavitha, HOD, Department of Biotechnology, along with other faculty members in ALC were the jury members for the state level competitions for the 24th National Science Congress 2016 on 3rd December 2016.

4. P.V.S.SAIRAM, DEPARTMENT OF PHYSICS Coordinator for a DBT Sponsored One Week Faculty Development Programme on e-Content Generation (24th – 29th October 2016) held at Andhra Loyola College, Vijayawada

5. P.V.S.SAIRAM, DEPARTMENT OF PHYSICS Coordinator for a DBT Sponsored One Week Faculty Development Programme on e-Content Generation (31st October – 5th November 2016) held at Andhra Loyola College, Vijayawada

6. P.V.S.SAIRAM, DEPARTMENT OF PHYSICS Organizing member in 3 committees (Technical, Poster & Hospitality) of the National Conference on Science & Technology for Health by A P Science Congress at P B Siddhartha College of arts of Sciences, Vijayawada during 7-9 November 2016 organized by AP Akademi of Sciences

7. Mr. D Praveen attended as a resource person in the Workshop conducted by the IQAC, Andhra Christian College, and Guntur on "Quality Education" on 02-09-2016.

C. RESOURCE PERSON/ MEMBER OF EDITORIAL BOARD:

1. Dr.N.V.Ramana Murty, Maths Department Acted as a Resource Person in "INSPIRE – 2016", An Internship Programme, Sponsored by DST, Govt. of India, New Delhi at Andhra Loyola College, Vijayawada on 17 – 21st Oct. 2016.

2. Dr.N.V.Ramana Murty, Maths Department Member of Editorial Board of an International Journal "Bulletin of Mathematics & Statistics Research" ISSN: 2348-0580(E), K.Y. Publications, India With effect from 01st Nov. 2016.

3. Dr.N.V.Ramana Murty, Maths Department Presented Live Telecast Lecture at SAPNET Studios, Hyderabad, MANA TV Cell, O/o CCE, AP, Vijayawada on 13th Dec. 2016

8. Dr B BABY RANI has attended as a Resource person for the REFRESHER COURSE FOR PGTS ECONOMICS conducted by Human Resource Department at NAVODAYA LEADERSHIP INSTITUTE, GUNTUR on 9th May 2016 and delivered lectures on Concepts of Money and Banking.

9. Dr. G. Sahaya Baskaran, Department of Physics acted as a Resource Person at the UGC Sponsored Two Day National Workshop on “Recent Trends In Higher Education - Changing Needs” organised by Jawahar Bharati Degree College, Kavali on 23-03-2016 . Topic: “Emerging ICT tools in Higher Education and Research”.
10. Dr. G. Sahaya Baskaran, Department of Physics acted as a Resource Person at the Workshop on “Quality Improvement in Higher Education” organised by Sir C.R.Reddy Autonomous College, Eluru on 22-08-2016 . Topic: “Emerging ICT tools in Higher Education and in Research”.
11. Dr. G. Sahaya Baskaran, Department of Physics acted as a Resource Person at the National level Faculty Development Programme ‘On Human Values and Professional Ethics’ organized by Sri Subbaraya & Narayana College, Narasaraopet on 20-9-2016. Topic : ‘Understanding our Students with Disabilities’
12. All the staff members in the department of chemistry acted as resource persons for chemistry practicals for INSPIRE programme for intermediate students.
13. *Dr. Y. Hanumantha Rao, Department of chemistry*, invited as a ‘Resource Person & Chaired the session’ in the UGC National Seminar on “Environmental Protection and Sustainable development Issues and Challenges ” on 22-23th September, 2016 Organized by the Department of Chemistry, Botany and Zoology, Sir C R Reddy Autonomous College ,Eluru.
14. *Dr. Y. Hanumantha Rao, Department of chemistry*, acted as a ‘Resource Person’ and delivered in International Seminar on “BioMass – Sustainable Solutions on Energy, Chemicals and Industrial Materials” held at Usha Rama College of Engineering and Technology, Vijayawada on 22nd September,2016.
15. *Dr. Y. Hanumantha Rao, Department of chemistry*, invited as a ‘Resource Person’ in the UGC National Seminar on “Advanced Materials in Science and Technology” on 23-24th September, 2016 Organized by P.R Government College (A) Kakinada.
16. *Dr. Y. Hanumantha Rao, Department of chemistry*, invited as a ‘Resource Person’ in “Innovation in Science Pursuit for Inspired Research-2016” sponsored by Department of Science and Technology , Govt. of India New Delhi on 17-21st October, 2016 Organized by Andhra Loyola College Vijayawada.
17. *Dr. Y. Hanumantha Rao, Department of chemistry*, invited as a ‘Resource Person & Chaired the session’ in the APSCHE of Higher Education on “Impact of Pharmaceuticals and Personal Care Products on Environment and Sustainability of Environment ” on 16-17th December, 2016 Organized by the Y.A. Government Degree College for Women, Chirala Prakasam District.
18. Dr.V.Ashok Babu, Reader in Physics Acted as a Resource person during Hands on Training at the Physics Lab for the DST-Sponsored INSPIRE Internship Science Camp Students at Andhra Loyola College, Vijayawada during 17th -21st October, 2016.
19. Dr.V.Ashok Babu, Reader in Physics Acted as Judge for Power Point Presentation during RESONANCE-2016 for U.G. Students of A.L.C and Other Colleges on 16th December, 2016.
20. Dr. M. C. Rao, Department of Physics Resource Person to 77th Indian Science Academies’ Refresher Course on “Experimental Physics” (2 Weeks) from 14-06-2016 to 29-06-2016, K.L. University, Guntur.
21. Dr. M. C. Rao, Department of Physics National Seminar on Advanced Materials in Science & Technology, P.R. Govt. College, Kakinada, 23rd & 24th September, 2016. (National Advisory Member)

Invited Talks:

1. *Dr. G. Srinivasa Rao Reader in Physics* Delivered an invited talk on “Guidelines for Writing a Research Paper” during Orientation Programme organized by the Internal Quality Assurance Cell, Andhra Loyola College, Vijayawada on 23rd June 2016.

2. *Dr. G. Srinivasa Rao Reader in Physics* Delivered an invited talk on “NAAC Accreditation & Preparation of Research Articles” for Teaching Staff organized by JMJ College for Women, Tenali on 8th June 2016.
3. *Dr. G. Srinivasa Rao Reader in Physics* Delivered an invited talk on “Academic Service-Learning - A tool to Integrate Curriculum with Co-curriculum” in the workshop on “Curriculum Reforms to Enrich Quality in Higher Education” organized by VSR & NVR College, Tenali on 9th September 2016.
4. 24-11-2016 Invited talk by Mr. Sab. Nehru, Head department of Computer science delivered a talk on “ How to prepare a effective Presentation” to our college Staff members involved in E content preparation. Our Department staff members Mr. Narashiman and Mrs. Nageswari and Mis. Aparn also involved in E content work shop and extent their technical support. The work shop has contacted in two phases.
5. Dr.T.SRIKUMAR Dept. Of Physics_A talk on characteristics of a good teacher at two day induction programme conducted for faculty on probation by IQAC OF Andhra Loyola College on 3ed and 4th june 2016.
6. Dr.T.SRIKUMAR Dept. Of Physics_Carbon emission reduction and environmental impact assessment studies of thermal power plants an invited talk at nasthika ken dram on 10-08-2016 organized by Citizens consumers and civic action group Chennai and consumer guidance society ,Vijayawada.
7. Dr.T.SRIKUMAR Dept. Of Physics_Science and religion talk on 04-12-2016 at nasthika mithra mandali organized by atheist centre,benz circle ,Vijayawada.
8. Dr.T.SRIKUMAR Dept. Of Physics_Einstein- the man of the millennium a talk organized by CCLR for senior inter students on 06-08-2016 at Andhra Loyola College, Vijayawada.
9. Dr.T.SRIKUMAR Dept. Of Physics_Delivered a talk on pryavarana parirakshana at M.B.Vignana kendram ,Vijayawada organized by Lions clubs international jubilee zone special meeting on 08-01-2017.
10. Dr.T.SRIKUMAR Dept. Of Physics Delivered a talk on sustainable development goals of UNITED NATIONS ORGANISED BY Montfort social institute Uppal ,Hyderabad at childrens parliament meeting N.S.M. Public school ,Vijayawada on 20-11-2016.
11. Dr.T.SRIKUMAR Dept. Of Physics_Presented talk on Ethics and values in education at one week national work shop on human values and professional ethics, FDPHVPE-2016, at S.S.N.COLLEGE Narasaraopet 17th September 2016.
12. Dr.T.SRIKUMAR Dept. Of Physics_Presented atalk on Characteristics of a good teacher to improve quality in higher education at SIR C.R.REDDY autonomous college, Eluru at one week National work shop on quality improvement in higher education 19th august , 2016.
14. Dr.T.SRIKUMAR Dept. Of Physics_Presented a talk on Higher education opportunities for persons with special needs with special reference to new disability act 2016, at national seminar on issues challenges and opportunities for physically challenged persons at Andhra Loyola College ,Vijayawada on 05-01-2017 organised by HEPSN ALC.
15. Dr.T.SRIKUMAR Dept. Of Physics_Delivered a talk on CAUSE FOR DEPLETION OF AZONE LAYER AND ITS IMPORTANCE ON 27-09-2016 at J.M.J.College for women, TENALI.
16. Dr.T.SRIKUMAR Dept. Of Physics_PRESENTED ATALK in A.I.R Vijayawada on bhouthika sastramlo 2016 samavatsaraniki noble prize winners parishodana visleshana an interview on 28-10-2016

17. B. BALAJI BHANU Lecturer in Electronics Delivered an Invited talk on “*Computational Electronics*” in the workshop of Computational physics held at SRR & CVR Govt. degree college, Vijayawada on 24th February 2016.
18. Dr. G. Sahaya Baskaran, Department of Physics delivered an invited talk on ‘Physics behind IT’ on 29-2-2016 at KBN College, Vijayawada.
19. Dr. G. Sahaya Baskaran delivered an invited talk on ‘Importance of modern Technology and Communicative skills’ at the Two-day-Workshop on the “Importance of Higher Education and Leadership Development for Girls with Visual Impairment” organised by UDIS Forum in partnership with CBM and Vijaya Mary Integrated School for the Blind (VMISB), during 29-30 June 2016 at VMISB, Gunadala, Vijayawada.
20. Dr. M. C. Rao, Department of Physics Recent Advancements in Functional Materials 77th Indian Science Academies’ Refresher Course in Experimental Physics, K.L. University, Guntur, 14th -29th June, 2016.
21. Dr. M. C. Rao, Department of Physics Synthesis and Characterization of Luminescent Materials One-day Sensitization Programme on New Trends in Materials research, Andhra Loyola College, Vijayawada, 27th July, 2016.
22. Dr. M. C. Rao, Department of Physics Morphological Phenomenon in Layered Cathodes National Seminar on Advanced Materials in Science & Technology, P.R. Govt. College, Kakinada, 23rd & 24th September, 2016.
23. Dr. M. C. Rao, Department of Physics Ca-Li Hydroxyapatite nanopowders by Mechanochemical Synthesis One-day Sensitization Programme on New Trends in Science and Technology, The Hindu College, Machilipatnam, 30th September, 2016.
24. Dr. M. C. Rao, Department of Physics Synthesis of Nanopowders QIS College of Engineering & Technology, Ongole, 6th December, 2016.
25. Fr A Rex Angelo SJ A 15 minute-talk on ‘Mother Theresa and her Contributions to the humanity’ over All India Radio channel on 4th September 2016 on the historic occasion of her Canonisation

CO-CURRICULAR ACTIVITIES:

SEMINARS AND WORKSHOPS ORGANIZED BY THE DEPARTMENTS:

1. On 17th June 2016 Department organize an Orientation program for I year B.Sc Electronics (AEC) and B.Sc Electronics Technology (AELT) students. In this department introduces our department staff members and brief explanation about usage of various components and equipment in the lab.
2. On 14th July 2016, the department Electronics arranged a seminar on Hardware Networking and Ethical Hacking lectured by Guru Raj, NIIT, Vijayawada. II and III year (NEC, NELT, DELT, and DEC) students are participated in this seminar. In these seminar students got awareness regarding basic networking, network elements, and network topologies and networking types sharing of printer with in a network and they got clear idea about ethical hacking. Total 94 students were participating in this seminar.
3. On 19th July 2015, department of Electronics conducted workshop on Methodologies in Design of Embedded system by Mr. V.Govinda Rajulu managing director MICROLINK Peripherals; acted as resource person. In this workshop students learn about planning of designing a product splitting complete product in to different modules, modular design, choosing of proper circuit elements, circuit and voltage distribution programming and testing of product. Ninety four students of II and III B.Sc electronics were participating in this event
4. On 23rd September 2015, department of Electronics arranged a seminar on Project Methodology The resource person of the seminar was Dr. Ch. Srinivasu, Reader, Dept of Physics, ALC In this 3rd year Electronics (DEC, DEL) students were participated and they got an idea on various steps are involved in working on science projects & method of reporting after completion of project.

5. On 23rd December 2016 department of electronics arranged a seminar on carrier guidance for second year students. For this seminar Mr. Y. Ramesh, (Engineering manager Deluxe corporation, Atlanta, USA) acted as a resource person.
6. Department of economics along with Oriental Languages conducted two day National Seminar on 3rd and 4th December 2016 on 'Impact of Ambedkarism on Indian reality'.
7. Department of Economics Conducted Economics fest 'SAMHATI 2K16' on 19th and 20th December to the colleges within CRDA region with the theme 'Demonetization and Cash less Transactions'. 105 students from 14 colleges participated.
8. A One day student training programme on Mushroom cultivation was organized to the Biology students on 25th June 2016. Mr. Jayachandra, resource person of the day explained to the students about mushroom cultivation.
9. DST sponsored workshop – Orientation to the guide teachers is a workshop organized by the biology departments of Andhra Loyola College in collaboration with DST and School Academy on 25th July 2016. Teachers from different schools participated in this programme and the resource persons gave demonstration on working principles of various instruments and also gave hands-on training on new innovative techniques.
10. On the eve of the 'World Ozone day' – 16th September, 2016, Dr.T.Srikumar, department of Physics, ALC organized a guest lecture on climate change, global warming – causes, occurrences and effects of global warming on human health, plants and animals.
11. A Slogan writing competition was organized on 15th September 2016 on the eve of the 'World Ozone day'. Dr.T.Srikumar, department of Physics, ALC distributed prizes. 100 students participated in it.
12. The Department of MCA organized a seminar on "Advanced Technologies in Current Trends" on 30th September 2016. *Mr.T.RaviKumar* from Department of Computer Science & Engineering, ALIET Vijayawada, was the resource person.
13. The Department of MCA organized a seminar on "Employment skills" on 3rd October 2016. *Mr.P.V.Narasimha, Director of T.I.M.E Vijayawada*, was the resource person.
14. An international conference was organized along with the departments of Botany, Microbiology on 'New Approaches in Agriculture, Food and Environmental Sciences' on 22-24th Dec, 2016. The aim of this conference was to highlight the international year of pulses. Eminent speakers from different countries, states and universities have delivered the talks. Various poster and oral presentations were given by the participants. 300 students participated and benefited from it.
15. Organized Ganitha Ashtavadhana (or Octo-Attention in Mathematics) on 06th December 2016 at Andhra Loyola College Seminar Hall. Mr.T.S.V.S.Surya Narayana Murthy was the resource person for this event. 210 students of II and III year Mathematics students attended this programme. The purpose of this programme was to remove fear of mathematics from the minds of students and inspire them with techniques to improve concentration and retention skills.
16. The Departments of Botany, Microbiology & Biotechnology organized a DBT sponsored Guest Lecture on "New Frontiers in Biological Sciences" by Prof .S. Sita Rama Rao, Dept .of Botany, Osmania University, Hyd on 23rd June 2016 at ALC
17. The Department of Microbiology organized Skill - oriented program "MUSHROOM CULTIVATION", on 25/6/2016 at ALC, Vijayawada
18. The Department of Microbiology organized a one day Industrial Visit to Model Dairy, Nidamanur on 5th July 2016 for all the final year students of the Department
19. The Departments of Biotechnology, Botany & Microbiology organized Mendels Day- 22nd July 2016 by Dr. B. Sudhakar, ANU on "Role of Genetic Engineering and Society"
20. The Departments of Biotechnology, Botany & Microbiology organized Orientation to Guide teachers of Inspire awardees 2016 on 25th July 2016 at ALC
21. The Departments of Biotechnology, Botany & Microbiology organized a Two- Day DBT-Sponsored Regional Student Workshop & Hands on Training Programme from 27th & 28th

- July, 2016 on 'INSTRUMENTATION & HANDS ON TRAINING IN ADVANCED BIOLOGICAL TECHNIQUES'
22. On the Eve of World Nature's Conservation Day, the Depts. of Botany, Microbiology, Biotechnology & National Green Corps of ALC, organized a DBT, MHRD, Govt of India, New Delhi sponsored Environmental Awareness Programme on 27th July, 2016. The Depts. organized Drawing Competitions on Save Nature and Conservation of Biodiversity for Intermediate, Degree and PG students at ALC
 23. On the Eve of World Nature's Conservation Day, the Depts. of Botany, Microbiology, Biotechnology & National Green Corps of ALC, organized a DBT, MHRD, Govt of India, New Delhi organized Guest lecture on 28th July, 2016 by Rev. Fr. S. Emmanuel, on "Biodiversity - Importance and Effect of Environmental Pollution on Health & Environment".
 24. The Departments of Botany, Biotechnology & Microbiology organized a one-day DBT-MHRD, Govt of India New Delhi, sponsored Regional Workshop on Instrumentation and Lab Maintenance" for Supporting Staff Members on 17th Aug, 2016 at ALC
 25. The Departments of Botany, Biotechnology & Microbiology have organized a two day DBT – MHRD, Govt of India, New Delhi, sponsored National Seminar on "Emerging Trends in Environment and Sustainable Development" on 2nd & 3rd September, 2016 at Andhra Loyola College, (Autonomous), Vijayawada.
 26. The Department of Botany have organized a DBT sponsored Guest Lecture by Dr. B. Siddhardha, Asst. Professor, Dept of Life Sciences, Pondicherry University, on "Synthesis of Baicalein conjugated gold nano particles and inhibition of Quorum sensing induced Biofilm formation in *Pseudomonas aeruginosa* PAO-1" on 23rd September, 2016, at Andhra Loyola College.
 27. The Departments of Microbiology, Botany and Biotechnology have organized a DBT sponsored one Day awareness programme on "Empowerment of Women through Health" on 28th Oct, 2016 for the Intermediate students of our College. Drawing Competition and Slogan writing competitions were also held.
 28. The Departments of Microbiology, Botany and Biotechnology have organized DBT sponsored Guest Lecture on "Current Nutritional Disorders In India And Putative Dietetic Solutions" for the Degree Biology students on 17th Nov 2016 in our college.
 29. The Departments of Botany, Microbiology & Biotechnology organized 3day International Conference on New Approaches in Agriculture, Food and Environmental Sciences on Dec 22nd to Dec 24th 2016 at Andhra Loyola College
 30. *Dr. Y. Hanumantha Rao, Department of chemistry*, acted as an 'Organizing Secretary' and conducted A two-day National Seminar sponsored by DBT-MHRD, Govt. Of India, New Delhi in collaboration with Krishna University, Machilipatnam on "Advances in Synthesis of NanoMaterials and their Multi Dimensional Applications in Chemical & Bio-Sciences (NANCBS-16)" held on 14th-15th September, 2016 in Andhra Loyola College.
 31. *Dr. Y. Hanumantha Rao, Department of chemistry*, acted as an 'Organizing Secretary' and conducted A two-day National Seminar sponsored by UGC in collaboration with Community Social Responsibility, Acharya Nagarjuna University, NagarjunaNagar on 'Challenges and Opportunities for the Physically Challenged Persons (COPCP-17)' held on 4th-5th January, 2017 in Andhra Loyola College .
 32. A workshop on "Enhancing Employability Skills" was conducted by Mr. Kranthi, Mr. Praveen and Mr. Joseph working in TCS, Oracle, Extranet Solutions Ltd., respectively on 10th December 2016.
 33. T Raja Kumar participated in the Mendeley Presentation Session organised by the Mendeley Adviser, Dr Poorna Prabhat Sunkara, for better understanding on research workflow on 15th December 2016 conducted at Andhra Loyola College, Vijayawada.
 34. T Raja Kumar participated in a symposium, *Samalochana*, on the topic 'IT & IOT – Opportunities for Youth on 3rd January 2017 organised by the Dept of Language & Culture,

- Govt of Andhra Pradesh, Vijayawada Book Festival Society (VBFS), and NTR Trust at Swaraj Maidan, Vijayawada.
35. T Raja Kumar participated in a symposium, *Samalochana*, on the topic 'Role of RBI in the Current Situation' on 3rd January 2017 organised by the Dept of Language & Culture, Govt of Andhra Pradesh, Vijayawada Book Festival Society (VBFS), and NTR Trust at Swaraj Maidan.
 36. Mr M Elisha participated in the Mendeley Presentation Session organised by the Mendeley Adviser, Dr Poorna Prabhat Sunkara, for better understanding on research workflow on 15th December 2016 conducted at Andhra Loyola College, Vijayawada.
 37. Mr M Elisha participated in a symposium, *Samalochana*, on the topic 'IT & IOT – Opportunities for Youth' on 3rd January 2017 organised by the Dept of Language & Culture, Govt of Andhra Pradesh, Vijayawada Book Festival Society (VBFS), and NTR Trust at Swaraj Maidan, Vijayawada.
 38. Mr M Elisha participated in a symposium, *Samalochana*, on the topic 'Role of RBI in the Current Situation' on 3rd January 2017 organised by the Dept of Language & Culture, Govt of Andhra Pradesh, Vijayawada Book Festival Society (VBFS), and NTR Trust at Swaraj Maidan.
 39. Mr S Hari Krishna participated in the Mendeley Presentation Session organised by the Mendeley Adviser, Dr Poorna Prabhat Sunkara, for better understanding on research workflow on 15th December 2016 conducted at Andhra Loyola College, Vijayawada.
 40. Mr S Hari Krishna participated in a symposium, *Samalochana*, on the topic 'IT & IOT – Opportunities for Youth' on 3rd January 2017 organised by the Dept of Language & Culture, Govt of Andhra Pradesh, Vijayawada Book Festival Society (VBFS), and NTR Trust at Swaraj Maidan, Vijayawada.
 41. Mr S Hari Krishna participated in a symposium, *Samalochana*, on the topic 'Role of RBI in the Current Situation' on 3rd January 2017 organised by the Dept of Language & Culture, Govt of Andhra Pradesh, Vijayawada Book Festival Society (VBFS), and NTR Trust at Swaraj Maidan, Vijayawada.
 42. Dr.T.SRIKUMAR Dept. Of Physics_21 st century Skills to be incorporated in curriculum reforms to enrich quality in higher education, U.G.C. sponsored national work shop on curriculum reforms to enrich quality in higher education at V.S.R&N.V.R, collegeTenali07-09-2016 to 13-09-2016
 43. Department of Chemistry organized lab on wheels programme on chemistry experiments for 9th and 10th class students who are studying in municipal schools at Vijayawada
 44. Department of chemistry organized one national seminar on Advances in the synthesis of nano materials and their multi dimensional applications in chemical and bio sciences”(NANCBS-16) on 14th and 15th September, 2016.
 45. Department of Chemistry organized lab on wheels programme on chemistry experiments for 9th and 10th class students who are studying in municipal schools at Vijayawada
 46. Department of chemistry organized one national seminar on Advances in the synthesis of nano materials and their multi dimensional applications in chemical and bio sciences”(NANCBS-16) on 14th and 15th September, 2016.
 47. MCA A “Traffic Awareness Program” in Collaboration with Hero Honda was conducted for the students on 10th January 2017 for creating awareness on road safety.
 48. Staff Orientation on “The Role of a Teacher in Forming Men and Women for Others” for the teaching staff of St Ann’s High School, Prasadampadu, Andhra Pradesh on 11th June 2016.
 49. Staff Orientation for PG Staff of ALC on Research & Publication organised by IQAC – ALC on 23rd June 2016
 50. Life Orientation session for 300 inmates of the hostel students of Loyola Public School, Nallapadu, Guntur on 24th July 2016
 51. A session on ‘E-learning’ for the Aided Staff of ALC as part of Faculty Development Programme organised by IQAC on 24th October 2016
 52. A session on ‘E-learning’ for the Unaided Staff of ALC as part of Faculty Development Programme organised by IQAC on 31st October 2016

WIKIPEDIA WORKSHOPS:

WIKIPEDIA REPORT- 2016-17

1. Title of the Practice: e- Content Development
2. Objectives of the Practice:
 - To make the students become e- readers, writers and editors in the internet.
 - Writing Skills (ability to write in an objective fashion/NPOV);
 - Digital information literacy skills;
 - Ability to critically engage with a concept/theme;
 - Language proficiency skills
 - E-content development in the Indian languages in all the subjects
 - To impart knowledge of digital technology both for faculty and students
 - Students would become part of a bigger open knowledge movement to explore the knowledge
 - Strengthening Indian languages for higher education purposes;
 - Expanding the digital presence of Indian languages,
 - Free access to knowledge not just in English but also in Indian languages.
 - Research
 - Typing in Telugu Unicode
 - Searching for sources in internet
 - Service to mother tongue
 - Improving knowledge of several subjects in Telugu
 - Translation: from English to Telugu
 - Language skills
 - Job opportunities in future
 - Collaboration with knowledgeable persons in society
 - Technical tools like OCR
 - Communication skills

ACTIVITIES:

- 16-18th Aug, 2016- Workshop: Andhra Loyola College in Collaboration with CIS-A2K Bangalore, organized a Three Day e- Content Development Workshop for Botany, Physics and Statistics and Telugu Students from 16 – 18 Aug, 2016. Total 62 Students from four Departments participated in this workshop and digitized 750 pages. Dr. B. Siva Kumari, Coordinator, Dr. T. Sekhar and Mr. Pawan Santhosh from programmer from CIS-A2K Bangalore, participated in this Workshop.
- 29th to 30th Aug, 2016- QR Code for Plants- a Survey: The Department of Botany in collaboration with CIS-A2K Bangalore, conducted a survey in the Campus to identify the woody trees on 29th and 30th August for QR code project. Students created articles about the selected plants and generated the QR codes. Dr. B. Siva Kumari and Mr. Pawan Santhosh monitored this programme.
- September 11-14 - Workshop: Dr. Kola Sekhar and Mr. Pawan Santhosh participated in learning session about basics and advanced concepts in creating a quality pdf from the hard copies. They scanned 2 thousand pages & 10 volumes of Bible Bhashavali series of Rev. Fr. Jojaya.
- November 18-20- Workshop: The Department of Botany in collaboration with CIS-A2K Bangalore, organized Wiki source Workshop in ALC. 20 students participated and learnt techniques and procedure to proof read digitally on a wiki-environment. Dr. B. Siva Kumari and Dr. Kola Sekhar monitored the programme.
- November 19- Brain Storming Session: The Department of Botany in collaboration with CIS-A2K Bangalore, conducted a brain storming session about bridging gender gap in Wikipedia & other Wikimedia projects. CIS-A2K representatives Ting-yi and Pawan Santhosh sharing their experiences. Total 40 girl students participated in the session. . Some of them were already participated in at least one of the Wikipedia sessions/workshops. Dr. B. Siva Kumari, Dept. of Botany and Dr. K. Sekhar, Dept. of Telugu monitored this programme.

25 & 26th Nov, 2016 – Student Workshop- Andhra Loyola College in Collaboration with CIS-A2K Bangalore, organized a Two Day e- Content Development Workshop for the Students in the Bioinformatics lab. Total 35 students participated in this workshop and they learnt advanced skills in proofreading and digitizing in Wiki source. . Dr. B. Siva Kumari, Dept. of Botany and Dr. K. Sekhar, Dept. of Telugu monitored this programme.

11th & 12th Dec, 2016- Workshop: Mr. P. Siva Krishna, Mr. D. Vijayaram and M. Dilip participated in a two day National seminar organized by CIS-A2K Bangalore at Hyderabad on 11th & 12th Dec, 2016. On Training for Trainers.

GUEST LECTURES ORGANIZED BY THE DEPARTMENTS:

1. Mr Hari Charan of Corporation Bank delivered a guest lecture to the MBA students on the topic ‘Stress Management with a focus on suicidal tendencies in the present day youth’ on 14/09/2016 in the PG Seminar Hall.
2. A guest lecture was organized by the Department of history on 29th Nov 2016 on the topic “The socio-economic and Political condition under the QutbShahi’s of Golkonda –Sri Muhammad Silar , a reputed scholar on local histories and retired Deputy Collector of the Revenue Department A.P Govt. Addressed the students Dr. Ramakrishna Rao, the then Director of Department of Archaeology and Museum of AP Govt. also enlightened the students about the cultural aspects and monumental remains of the QutbShahi’s Sri C.Ravindra Raju and Dr. Movva. Srinivasa Reddy have co-ordinated the programme.
3. A Guest lecture was organized on 30 June 2016 to 180 students on how chemistry allows researchers to create drugs that interact efficiently with the body to combat illness. His talk was delivered by Dr. A. Prasanna Kumar, department of medicine UCSF.
4. PG Department of physics and chemistry in association with Centre for continuous learning and research(CCLR) organised a Guest lecture on “*Introduction to Scientific Research and Applications of Nanomaterials*” on 04-01-2017 and the resource person for this lecture was Dr.K.Ravindranadh,Associate Proffessor, Chirala Institute of Engineering and Technology, Chirala .
5. *PG Department of Biotechnology and chemistry organised a Guest lecture on “Radiochemistry andChromatography techniques” on 21-10-2016 and the resource person for this lecture was Dr.M.David Raju,Associate Proffessor, P.B Siddharatha college of arts and science, Vijayawada.*
6. *PG Department of physics and chemistry in association with Centre for continuous learning and research(CCLR) organised a Guest lecture on “Recent advancements in functional materials” on 22-09-2016 and the resource person for this lecture was Dr.Ch.Srinivasu, proffessor, Andhra Loyola College, Vijayawada.*
7. PG Departments of physics and chemistry in association with CCLR (Centre for continuous learning and research) organised a Guest lecture on “Radiation and its Safety Measures” on 03-08-2016 and the resource person for this lecture was Sri K. K. D. Ramesh Physicist and Radiological safety officer Manipal Super speciality Hospital, Guntur (dt)
8. Mr Samuel Betha, Manager, Wealth and Asset Management, Ernst & Young, London delivered a guest lecture on ‘Career in Finance and Investment Management’ to MBA students at PG Seminar Hall on 11/01/2016. Mr Samuel was an alumnus of ALC. He did his B.Sc (Comp. Science, Maths, Physics) from 2000 to 2003.
9. MCA Department, conducted a Guest Lecture on the topic “Career Awareness Program”, on 29th Aug 2016 in the PG Department. *Dr. T.SriKumar* from Department of Physics, ALC Vijayawada, was the resource person.
10. The Department conducted a Guest Lecture on 15th July, 2016 on ‘Techniques of Film making and film as business’ the Resource Person for the Lecture was Mr K Pradeep, film hero and Television personality. Students of II year of M Sc Visual Communication and faculty members Mr T Raja Kumar, M Elisha participated in the program.

11. Department of chemistry arranged guest lectures by following eminent professors/scientists Dr.M.Bhasaveswara Rao-Special Officer ,Krishna University,
12. Dr.B.Srinivasulu-Chief Manager & Head,CIPET,Vijayawada,Dr.A.PrasannaKumar Reddy-Scientist,California University,USA
13. Dr.D.Venkata Satish, Lecturer in PhysicsOrganized an Awareness Programme on Traffic rules and safety tips to II &III year B.Sc Science Students on 25-06-2016 by N.Amar Kumar, Asst.Manager of Maruthi Driving School, Vijayawada.
14. Dr.D.Venkata Satish, Lecturer in PhysicsOrganized a Motivation Programme for B.Sc Science Students on 16-07-2016 and the Resource Persons are Dr.Ch.Srinivasu, Academic Secretary, A.L.C and Dr.T.Srikumar, Placement Coordinator, A.L.C.
15. Dr.D.Venkata Satish, Lecturer in PhysicsOrganized a Carrer Guidance Programme for II & III B.Sc Science Students in the month of August, 2016 and the Resource Person is Dr.T.Srikumar, Placement Coordinator, A.L.C.
16. Dr.D.Venkata Satish, Lecturer in PhysicsOrganized a DST Sponsored INSPIRE Science Camp for 150 students at ALC during 17th -21st October, 2016 as a Progrmme Coordinator.
17. Dr.D.Venkata Satish, Lecturer in PhysicsOrganized a Poster Presentation Competition for the Participants of INSPIRE Camp on 17th & 18th October, 2016.
18. Dr.D.Venkata Satish, Lecturer in PhysicsOrganized Essay Writing Competition for the Participants of INSPIRE Camp on 19th October, 2016.
19. Dr.D.Venkata Satish, Lecturer in PhysicsOrganized Science Exhibition Competition for the Participants of INSPIRE Camp and Intermediate Students of A.L.C. on 20th &21st October, 2016.
20. Dr.D.Venkata Satish, Lecturer in PhysicsOrganized Competitions in Science Exhibition, Essay Writing & Poster Presentation during RESONANCE-2016 for U.G. Students of A.L.C and Other Colleges on 15th December, 2016.
21. Dr.D.Venkata Satish, Lecturer in PhysicsOrganized Competitions in Power Point Presentation & Quiz during RESONANCE-2016 for U.G. Students of A.L.C and Other Colleges on 16th December, 2016.
22. Dr.D.Venkata Satish, Lecturer in PhysicsOrganized Competitions in PPT Finals & Role Play during RESONANCE-2016 for U.G. Students of A.L.C and Other Colleges on 17th December, 2016.
23. Arranged an exhibition with many Mathematical models, Mathematical working models, and charts related to school level topics during INSPIRE-Orientation to guide teachers of INSPIRE Awardees 2016 on 25-07-2016.
24. A Staff Orientation programme was arranged for all faculty of Inter, UG and PG Departments of Mathematics on 19-10-2016. Prof. P. KANDASAMY, (Retired), Dept.of Mathematics from Bharathi Dasan University, Tamil Nadu was the resource person for this programme.
25. Arranged a trip to old age home at Numbur run by the Little Sisters of the Poor congregation as part of helping students to realize their social responsibility on 18 October 2016. Students spent time with them, listened to them, distributed some fruits to them and entertained them by performing some cultural programme.
26. Arranged another extension programme and took a group of students to an orphanage home at Nunna, run by the Brothers of Missionaries of charity (Mother Theresa brothers) as part of helping students to realize their social responsibility on November 23, 2016 and sponsored lunch for the 120 inmates who were mentally and physically challenged. The fund for this had been generated by students themselves.
27. Screened a feature film “The man who knew infinity” which describes the life, struggle and achievements of the great Indian Mathematician Sri. Srinivasa Ramanujan and his contribution to Mathematics in commemoration of the “National Mathematics Day” on 22.12.2016. B. Sc and M. Sc Mathematics students at Andhra Loyola College, Vijayawada watched this movie and got inspired. The purpose of screening this movie is to motivate and inspire young students to develop passion for learning Mathematics.

28. An Inter-collegiate Quiz Competition in Mathematics was conducted for degree students at our college seminar hall on 18th January, 2017. Ten teams each consisting of three students from six neighbouring colleges took part in it.
29. A Medical camp was organized by the P.G. Department of Physics on 22nd July 2016 with the help of ST. Ann's Hospital staff to ALCAA school children.
30. One day sensitisation programme was organized by PG Departments of Physics and Chemistry on 27th July 2016 on " New Trends in Materials Research " in association with " Centre for continuous Learning & Research " (CCLR) followed by 4 talks by Dr.G. Sahaya Baskaran, Dr. T .Srikumar, Dr. M.C .Rao from Andhra Loyola College, Vijayawada and Dr.M.Ramakrishna.N.Rao , Hindu College, Machilipatnam.
31. PG Departments of physics and chemistry in association with CCLR (Centre for continuous learning and research) organised a Guest lecture on "Radiation and its Safety Measures" on 03-08-2016 and the resource person for this lecture was Sri K. K. D. Ramesh Physicist and Radiological safety officer Manipal Super speciality Hospital, Guntur(dt).
32. PG Departments of physics ,chemistry and Mathematics in association with CCLR (Centre for continuous learning and research) organised a guest lecture on "Introduction to scientific research and applications of Nano-materials" on 4th January 2017 and the resource person for this lecture was Dr.K.Ravindranadh,Associate Proffesor, CIET,Chirala.
33. I & Ilyear students of M.Sc, Physics attended a Guest Lecture on "Nano - Materials" by Prof .Dr.B.S. Murthy (IIT Madras) on 23rd July 2016 and also participated in different competations like Debate, Essaywriting, JAM,
34. The "International Day of Medical Physics" which is celebrated in memory of Madam Curie's birthday every year on 7th November ,On the Eve of this day PG Department of Physics organised a field visit in association with CCLR (Centre for Continuous Learning and Research) to the "Accelerator Centre" at Manipal Super speciality Hospital,Vijayawada on 7th Nov 2016.
35. PG Department of physics and chemistry in association with Centre for continuous learning and research(CCLR) organised a Guest lecture on "Recent advancements in functional materials" on 22-09-2016 and the resource person for this lecture was Dr.Ch.Srinivasu, proffessor, Andhra Loyola College, Vijayawada
36. Mr M ElishaMr M Elisha worked as the editorial member in the DBT Sponsored One-Week Faculty Development Programme on e-Content Generation at Phase I and II during 24th October to 7th November 2016 conducted by the Internal Quality assurance Cell (IQAC) at Andhra Loyola College.

STUDENTS' SEMINARS/WORKSHOPS CONDUCTED:

1. B.Siva Kumari,N.Jayaram Babu,N.Praveen Kumar of department of botany (PG) presented a paper on PHYTOREMEDIATION BY USING LAGERSTROEMIA SPS SOIL at two days NATIONAL SEMINAR - "EMERGING TRENDS IN ENVIRONMENT & SUSTAINABLE DEVELOPMENT"organized by The Departments of Botany, Microbiology & Biotechnology ANDHRA LOYOLA COLLEGE VIJAYAWADA on 2nd & 3rd Sep, 2016.
2. The students of MBA participated in 'Forex for You', a one day seminar organized by the Reserve Bank of India at Hotel Gateway on 18/06/2016 in order to create awareness on foreign exchange. Resource persons from RBI, FIEO, EXIM Bank, and ECGC spoke in the seminar. Our students won many prizes in the quiz competition conducted by the organizers.
3. G .Aravind(NMBY 08) U .Monika(NMBY 02),K .Himana(NMBY 11),M .Akhila Priya(NMBY 10),G. Jyothsna(NMBY 15),P.Devi Priya (NMBY 09) PUBLISHED PAPER ON AMBIENT AIR QUALITY STATUS OVER VIJAYAWADA – A CASE STUDY INTERNATIONAL JOURNAL OF ACADAMIC RESEARCH ISSN:2348-7666:ISSUE-12(2),DECEMBER,2016 IMPACT FACTOR ;4.535:EMAIL: detvramana@yahoo.co.in
4. G .Aravind(NMBY 08) P.Devi Priya (NMBY 09) PUBLISHED PAPER ON A CASE STUDY of ATMOSPHERIC PARTICULATE MATTER OVER ELURU INTERNATIONAL

JOURNAL OF ACADAMIC RESEARCH ISSN:2348-7666:ISSUE-12(3),DECEMBER,2016
 IMPACT FACTOR ;4.535:EMAIL: detvramana@yahoo.co.in

5. . The students of AMMA&NMMA (2015-2016) are participated a programme on ‘SWATCH BHARATH on 13-11-2015
6. The students of NMMA (2016-2017) are participated in seminar at MARRIS STELLA COLLEGE on 09-07-2016 on the topic ‘SYMMETRY THROUGH GEOMETRY’
7. The students of AMMA&NMMA (2016-2017) are conducted the seminar on ‘REAL ANALYSIS&FUNCTIONAL ANALYSIS at ANDHRA LOYOLA COLLEGE on 15-10-2016
8. The students of AMMA&NMMA (2016-2017) are conducted a film on ‘THE GREAT MATHEMATICIAN RAMANUJAN’ at ANDHRA LOYOLA COLLEGE on 22-12-2016
9. The students of AMMA&NMMA (2016-2017) are participated a seminar on ‘NANO MATERIALS’ at ANDHRA LOYOLA COLLEGE on 04-01-2017
10. Nagadesi P.K., Arya A., P.D.V.N. Sudheer and Shaik Mastan (2016). Molecular identification of Timber Decay fungi of Gujarat, India by RAPD. International Journal of Current Research 8(11): 40904 – 40911,ISSN: 0975-833X Impact factor: 6.226
11. Nagadesi P. K, and Arya A (2016). Lignin Modifying Enzymes of Lignicolous Fungi from Rathanmahal Wildlife Sanctuary, Gujarat, India. *Int. J. Adv. Res.* 4(10), 579-593. DOI: 10.21474/IJAR01/1834. Impact factor: 5.336
12. Nagadesi P. K., and Jayaraj V.H. (2016). Aero-mycoflora of National Highways in Andhra Pradesh, India. *Bio Bulletin.* 2(2): 30-34. ISSN NO: 2454-7913
13. Nagadesi P. K, and Arya A. (2016). Lignicolous Macro Fungi from Gujarat, India. *World Scientific News*, 45(2):307-330. EISSN:2392-2192
14. Nagadesi P. K, and Arya A. (2016). Biocontrol of Timber Decaying Fungi by Botanical Pesticides an Ecofreindly Technology. *World Scientific News*, 44:206-223. EISSN:2392-2192
15. Our M.Sc, I & II Year students attended a three day International Conference from 22nd Dec to 24th Dec ,2016 Organised by the departments of Botany , Biotechnology and Microbiology of Andhra Loyola College,Vijayawada and our students A.Sailaja(NMPH-05), P.Devika(NMPH-02), M.SushmaRatan(NMPH-18) ,G.GuruPriya(AMPH-01), Naga Divya Sree(AMPH-13), M.Vijay Kumar(AMPH-23), Prem Kumar(AMPH-24) presented Poster presentations.

RADIO AND TELEVISION PROGRAMMES: 2015-2016

1. Dr.D.Venkata Satish, Lecturer in Physics, Department of Physics Radio talk given on 07-10-2016 about the DST Sponsored INSPIRE Internship Camp at Andhra Loyola College during 17th -21st October, 2016.
2. Dr.M. Srinivasa Reddy Delivered a talk on All India Radio on the topic “ Cultural Dichotomies in Indian History”. It was broadcast on All India Radio, Vijayawada “28th march 2016.
3. Dr.M. Srinivasa Reddy Delivered a talk on the topic “Amaravathi its past glories and present glitterings .And was broadcast in All India radio Vijayawada, for 17-10-2016
4. Dr.M. Srinivasa Reddy Delivered a talk on “Sardhar Vallabheneni Patel”,in All India Radio .it was broadcast on his birthday.

Seminar Attended :

5. Dr.M. Srinivasa Reddy Attended a seminar on 30th&31st july 2016 at C.S.R Sharma college –Ongole on the topic “Social Justice and Marginalised in South India”;sponsored by ICHR ,New Delhi.

Resource Person :

6. Dr.M. Srinivasa Reddy Dr.M.S.R was invited as Resource person to a Refresher course by the Academic staff college (the U.G.C Human Resource Development Centre)of Mysore University to deliver three lectures to the participants of the 3rd winter programme. The Themes of the Lectures are :

a) Marginalized groups and violation of Human Rights in India through Ages: A historical Perspective.

- b) Evolution of Human Rights Protection Movement
- c) Present Scenario in the Incidents of Violation of Human Rights.
- 7. T Raja Kumar delivered a Radio Talk on All India Radio on the topic 'Kendra Prabhatwa Abhivruddhi and Sankshema Padhakalu' broadcast on 26th December 2016.

LIBRARY Services:

An amount of about 3 Lakhs has been spent so far during this academic year to further strengthen in various ways our Library which is rated as one of the best in the entire State of A.P. at UG level. A total number of 7400 books have been added to the collection of UG and PG Libraries so far during this Academic Year. A total number of 146 International and National Journals are also subscribed and renewed every year.

The "Loyola Reviewers Association", launched last academic year with the objective of inculcating in the students the habit of reading, has conducted seven Book Reviews by the students so far this academic year.

Our thanks are due here to Dr.G.A.Prasad Rao, the Librarian and Mrs.T.Roja Mani, the P.G. Librarian.

I also place on record all our sincere appreciation to Sri K.V.Vijaya Babu, of Political Science, Dr.G.Sambasiva Rao, of Telugu, and Dr.T.Srikumar, of Physics, Departments for their motivating accompaniment of the Students in undertaking the Book Reviews.

EVENTS Organised:

1. A two-Day Induction Programme for the Newly Recruited Faculty Members with the theme Examination Reforms & Question Bank Preparation on 6th & 7th June 2016,. Fr.Dr.G.A.P. Kishore, SJ, Principal, Fr.D.Ravi Sekhar, SJ, Rector and Fr.S.Raju, SJ, Correspondent and Vice-Principals (PG, UG & Inter) were present at the programme that commenced with self introduction by the new faculty members of Inter and PG sections.
2. On the 1st day, the faculty members were introduced to the Examination Reforms & Question Bank Preparation by Prof. M.N.V. Prasad, Department of Plant Sciences, University of Hyderabad, Prof. G. Omkarnath, Director, UGC-HRDC Professor, Department of Economics, University of Hyderabad and Prof. T. Swarupa Rani, Principal, St. Joseph's College of Education for Women, Guntur

On the 2nd day, the members of faculty were acquainted with the "Academic Planner Preparation & Time Table" acquainted the faculty members with the "Ethos of ALC"

3. Orientation Programme for the First Year Degree students was held on 14th June 2016. The forenoon session was introductory session and the afternoon session was allotted for Departmental Orientation. Students were acquainted with various aspects of the College viz. Exams, Library, Student Activities, NCC, NSS, NGC, Extension, Mentoring & Counselling, AICUF, Sports & Games, Women's Cell and Placement Cell. Officials of the respective branches briefed the students. All the officials of the College were present at the Orientation Programme.
4. National Statistics Day: The Department of Statistics observed National Statistics Day on 29th June 2016. In this connection, the Department organized an invited talk on 'Statistics and Information Technology' by Sri Ashok Dakavaram CEO, IT Grids, Hyderabad, to Create awareness among the students on the importance of Data collection, classification, tabulation, analysis and interpretation of data in formulating the policies.

5. Loyola Reviewers Association Activities 2016-2017: The inauguration of the Book Review programme under the aegis of the Loyola Reviewers Association for the academic year 2016-
In his review, he narrated many poems depicting the life of suppressed and marginalized groups across the globe. He explained to the students the importance of reading habit, its merits and its role in the personality development of the students.
Rev. Fr. Dr.G.A.P.Kishore, SJ, Sri K.V.Vijaya Babu, Dr.G.A.Prasad Rao, and Dr.T.Srikumar, the officials of the Association and the student-members of the Loyola Reviewers Association attended the inaugural programme. The Office Bearers of the Loyola Reviewers Association felicitated Prof.Y.Sudhakar on this occasion. Later, Rev.Fr.Dr.G.A.P.Kishore, SJ, presented Letters of Appreciation to the Mentors and the Office Bearers in acknowledgement of their outstanding contribution in guiding the students in Book Review Programme in the last academic year.
6. Mobilography 2016: The PG Department of Visual Communication conducted the fourth edition of Mobilography – an annual Inter-Collegiate Photography Competition-cum-Exhibition on 7th August 2016. Rev Fr.Dr.Rex Angelo, SJ, Vice Principal (PG) inaugurated the Exhibition. About 66 short-listed photographs were displayed out of 200 entries received from the students of different Colleges of Krishna District. The photographs displayed were on themes like Natural Scenery, Heritage, Social Issues, Technology, Disasters, Culture and Tradition and Traffic Rules. More than 1500 students visited the Exhibition. All the officials of the College including Rev Fr.Dr.Rex Angelo, SJ, Vice Principal (PG), Mr.T.Rajkumar, H.o.D. and faculty of PG VisCom Department were present at the event. Fr.Rex Angelo appreciated the students’ creative skills in capturing the photographs with their mobile phones.
7. World Photography Day: The PG Dept. of Visual Communication celebrated the “World Photography day” on 19th August 2016 and conducted “Spot Photography” contest on this occasion on the theme “Beautiful Loyola”. About 30 student-participants took part in the competition and contributed about 300 photographs. 70 photographs were short-listed and exhibited in the Photo Exhibition.
8. BEMUS ’16: The Department of Commerce organized ‘Bemus-2016’, a two day National Level Commerce Fest on 7th and 8th September 2016. the Chief Guest, inaugurated the Fest. Dr.NA Francis Xavier, H.o.D. Commerce and Convenor of BEMUS 16 said that the objective of BEMUS, an annual Fest, is providing a platform to and encouraging the students to exhibit their multifarious skills. About 500 Commerce students from different parts of the country participated enthusiastically in different Events such as ‘Mr.Genius’, ‘Few minutes to Fame’, ‘Group Dance’, ‘Jalapeno’, ‘Bizmart’, ‘The Footie Fest. ‘Quiz’, Group Discussion, ‘Case Study, and Personality Contest conducted as part of the Festival. All the Officials of the College and faculty and students of Commerce Department were present both at the Inaugural and Valedictory of the Fest.
Prizes: Kristu Jayanth College (Autonomous), Bangalore, won the Overall Championship in the Event. St. Joseph’s College, Hyderabad and Kristu Jayanth College, secured First and Second Places respectively in the event Quiz, while Kristu Jayanth College and Christ University, Bangalore, bagged the First and Second Prizes respectively in Group Discussion. St. Joseph’s College for Women, Visakhapatnam, and Koneru Lakshmaiah University, Guntur, won the First and Second Prizes respectively in the event Case Study. Modern Academy, Vijayawada and Kristu Jayanthi College, secured the First and Second Places respectively in the event Personality Contest.
9. Hindi Day: The Departments of Hindi and Sanskrit celebrated Hindi Day on 14th September

2016. Rev.Fr.S.Raju, SJ, Correspondent, ALC, the Chief Guest, addressed the students and faculty of the Department of Hindi.

10. The Triple Celebrations of our College Foundation Day, Ethnic Day and Sphoorthi 2016 were celebrated on 9th and 10th of December 2016. The 63rd Foundation Day of ALC was celebrated on December 9, 2016. It was a milestone in the journey of the college which has grown from its humble beginnings to its eminent stature today. ALC was founded by a few visionary academicians and professionals of Society of Jesus in 1954, in fond memory of St. Ignatius of Loyola.

This year's Triple Celebrations had a distinguished chief guest, **Sri Kona Sasidhar** Garu, IAS, Collector and District Magistrate, Ananthapuramu, an illustrious alumnus of our college, and another, **Sri D Ramulu** garu, Second Additional District & Sessions Judge, Hindupuramu, another illustrious alumnus of our college as the Guest of Honor.

Though "World is One" in this digital era, yet we all carry different identities represented by what we wear, eat, believe and celebrate. Ethnic Day was also celebrated on the same day giving an opportunity to celebrate the cultures of different countries together on a single day making it a day of fun, dance, music, food and party in a traditional way, going back to our roots and sharing with others the uniqueness of each of the ethnic groups in our college.

Intellectual aspects of personality are solely accomplished by classroom; while aesthetic development, character building, spiritual growth, physical growth, moral values, creativity, etc. are supported by co-curricular and extracurricular activities developing the skills of co-ordination, adjustment, speech fluency, extempore expressions, and the like. The cultural festival organized by our college called as "**Sphoorthi**", a forum for students to nurture their talents in various fields of interest, derives its name from the very qualities it hopes to exemplify creativity, excellence and talent among its participants and organizers alike. As parts of this cultural fest, back-to-back inter section competitions were conducted in the Seminar Hall, Auditorium and Classrooms 2N7 and 2N10 commencing with the event of solo dance on 20th of November 2016. It hosted a variety of cultural events broadly split up into performing arts, literary arts and fine arts for students to showcase their skills and talents. And the Competitions were stiff and judges had a difficult time choosing the winners.

The Valediction Ceremony of this two-day Triple Celebrations of our College Foundation Day-Ethnic Day and Sphoorthi 2016 was held in the afternoon of 10th December 2016 in our auditorium. **Sri Mandali Buddha Prasad** Garu, honorable Deputy Speaker of AP Legislative Assembly, was the Chief Guest for the ceremony.

Sphoorti 2016 was conducted meticulously and successfully.

11. Drawing and Slogan Writing Competition: On the eve of World Aids Day, the Departments of Botany, Microbiology, Biotechnology and National Green Corps organized a Drawing and Slogan Writing Competition on the theme "Stop Aids" on 30th November 2015. A total number of 48 students participated in the Drawing competition and 54 students participated in the Slogan Writing competition. Ms.Kavitha, H.o.D. Biotechnology, and Dr.B.Siva Kumari, Dept of Botany, acted as the Judges at the Competitions.
12. AIDS Awareness Rally: The National Green Corps, NSS and ALANA organized an AIDS Awareness Rally on 1st December 2016 to mark the World AIDS Day to create awareness about the deadly disease among the general public. A total of 200 students led by the Coordinators of all the Extension Wings participated in the Rally.

13. Inauguration of the DOVE: Delegates of Value Education (DOVE), an Association of the Dept of Ethics and Religion was inaugurated on 3rd December 2016. Rev.Fr.Ravindra S.J, Executive Director, Kaladarshini, Mr. D.Praveen, Dean of Student Activities, Dr.Job Sudarshan, H.o.D. Ethics & Religion, Mr.R.John, Extension Work Coordinator, ALC, were present at the inaugural function.
14. National Voters' Day Celebrations: The Department of Political Science conducted the National Voters' Day Celebrations on 25th January 2016. A Rally, flagged off by Rev Fr S.Melshior, SJ, Vice Principal (UG), was taken out in the city to create awareness among the public on the importance of vote and enrolment as voters by the students of Arts sections. Sri SP Rama Raju, former H.o.D. Political Science, ALC, was the Chief Guest, who addressed the students on the occasion. In his message, the Chief Guest said that the Indian democracy is a great success and the smooth change of governments is the testimony. He said eternal vigilance of the people can always bring in good governance. Senior citizens Sri P.Veerabrahmam and Smt.P.Venkata Subbamma, were felicitated on this occasion. On the eve of Voters' Day celebrations, different competitions viz. Essay Writing (English & Telugu), Drawing and Rangoli exclusively for girls, were conducted for our students. The College gave attracted prizes to all the winners and runners up. The participants were also given Certificates by the Election Commission of India. The entire programme was coordinated by Sri KV Vijaya Babu, H.o.D. Political Science.
15. MANUS-2K17: The Department of BBA conducted *MANUS-2K16* – an Annual Management Meet on 3RD & 4TH February 2017. Sri M.Murali Krishna, CEO, Maxivision, inaugurated the Meet. About 750 students from fifty Colleges across the State enthusiastically took part in different Management and Cultural events conducted as part of the Meet including Business quiz, Ad-making, Product launch, B.Plan, Women Entrepreneur. Treasure hunt, Group dance, Best out of Waste and Mr. & Ms. MANUS. The participant-students also took part in spot events namely Mock MAT and Photography. PB.Siddhartha College of Arts & Science, Vijayawada, bagged the over overall Trophy. Mr. Koganti Satyam, an Industrialist from Vijayawada, was the Chief Guest at the Valedictory of the Meet.

INDUSTRIAL TOURS/EDUCATIONAL TOURS/FIELD TRIPS:

1. Educational visit to “effe visit”

On 29th June 2016, the department arranged an educational visit to “Efftronics” M.G road, Vijayawada and “efe LED’s” at Benz circle for DELT students.

Effe is an LED lightning show room where different LED lights were displayed after visiting this show room students got clear idea about different color temperature of white light and appearance, different solid state luminous controlling of intensity of white light using mobile application. Ambience of white light model house lighting design 20 students of DELT took part in this which was led by Mr. B. Balaji Bhanu.

2. Educational visit to “Doordarshan Kendra”

On 21th July 2016, the department conducted an educational visit to “Doordarshan Studio” M.G road, Vijayawada and “Broadcasting station” at Kondapalli.

All the III year electronics (DEC) and electronics technology (DELT) students were took an active part in this visit. With this they aware about Recording room acoustics, Process of recording audio and video systems, Video cameras convert the picture into RGB colors found by the object it and finally convert the same into EM waves at Studio. TV tower, about 200

meters height, contains transmitter and antenna units also Audio frequencies and Video frequencies are fed simultaneously under different frequencies of band width and transmit the same through antenna tower at Transmitting station.

3. **Education visit to SHAR and NIPPO BATTERIES**

Department of Electronics arranged an education visit to SatishDhawan Space Centre (SDSC), as *SHAR* is situated on an island off Sullurupeta - a small town in *Nellore* district, of the state Andhra Pradesh. On FEB 18th students of II B.Sc (NEC &NELT) section total of 40 are visited the plant.

The first launching pad is PSLV , it is a tall building, in which a rocket is prepared with all its requirements and when it is launching rocket, it moves 200 fts backwards and the rockets moves to space, where everyone of us was awestruck.

And the second launching pad is GSLV, which is made of advanced technology, it launches the rocket, with all parts from the branches of Indian space research center.

A third launching pad is under construction they gone through MCC i.e. Machine control center where all the rockets are controlled.

Apart from SHAR, students went to NIPPO Batteries, which is located in Thada of Nellore district. There seen the manufacturing of batteries, various types in it and the material they used.

4. Dr.D.Venkata Satish, Lecturer in Physics, Department of Physics Visited Central Instrumentation Laboratory at Acharya Nagarjuna University on 23-07-2016 along with III B.Sc (DP) Science Students and the Resource Person is Dr.R.V.S.S.N.Ravikumar, Assistant Professor, Dept.Of Physics, Acharya Nagarjuna University.

5. Dr.D.Venkata Satish, Lecturer in Physics, Department of Physics Visited Science Laboratory at the Department of Physics, Acharya Nagarjuna University on 23-07-2016 along with III B.Sc (DP) Science Students,Dr.T.Srikumar and Dr.M.C.Rao and the Resource Person is Dr.R.V.S.S.N.Ravikumar, Assistant Professor, Dept.Of Physics, Acharya Nagarjuna University.

6. History Departement has organized a field trip on 1st Oct 2016,to Amaravathi, to the places of historical importance.50 students of II &III yr B.A along with Sri K.V.Vijayababu and Dr.Movva Srinivasa Reddy visited Amaravathi and the tour was conducted under the guidance of professor Galla Amareswar (Reputed International Archaeologist and advisor to Tourism of govt. of Andhra Pradesh.

7. Visited Satish Dhawan Space Research Centre at Sri HariKota, Nellore District On 23-11-2016 along with III B.Sc (DP, DC) Science students and K.Parameshwara Rao of Dept.of Chemistry.

8. Visted NIPPO Bataries Manufacturing Unit at Tada, Nellore District On 23-11-2016 along with III B.Sc (DP,DC) Science students and K.Parameshwara Rao of Dept.of Chemistry.

9. The Visual Communication Department organised Field Visit Program for the students of II year Viscom to All India Radio (AIR) on 18th September 2016. The students, as part of their co-curricular program visited AIR to have a better understanding of the studio production and broadcasting technology, visited the AIR studio at Bandar Road, Vijayawad to know the process of preparation and editing of the programmes and also visited the Transmission Centre at Nambur. Faculty members T Raja Kumar and M Elisha conducted the trip.

10. The II year students of M Sc Visual Communication have conducted a Social Awareness Program of Rural Camp during 22-23, September 2016. The objective of the program was to visit rural places and closely observing the lives of village folk. Under this program the students visited a tribal Agency area, Katukapalli situated 40 kilometres from Bhadrachalam, where the students witnessed the lives of Koya, Gutthikoya and Konda Reddy tribes in the vicinities of hills and forest.

11. The (PG) of department of botany organised a field Trip for students kondapalli reserve forest on 09 oct-2016..

12. NMBA students went on an industrial tour to Coimbatore and Ooty for four days from 26/09/2016 to 01/10/2016 .

13. The students of AMMA& NMMA (2015-2016) are attended the field trip at 'MILK PROJECT' on 15-12-2015 at VIJAYAWADA
14. The students of AMMA& NMMA (2016-2017) are attended the field trip at 'TSGENCO' at Telangana District on 1-10-2016
15. Organized field trip to ACHARTA NAGARJUNA UNIVERSITY, GUNTUR for training and demonstration on research instruments at central instrumentation laboratory ,nagarjuna nagar Guntur for III B.Sc physics students on 23-07-2016
16. Arranged an educational tour to Amaravathi, the capital of new Andhra Pradesh state on 19-12-2016. The master plans to develop the capital Amaravathi by the state government was explained to students so that when they visit Amaravathi after its full development will be able to admire the way it has been built from scratches to sky scrapers.
17. Department of chemistry arranged following industrial visits in this academic year
Coca-cola company ,Guntur Vijaya Agro Industries,Prasadampadu CIPET,New Autonagar,Vijayawada
Alluminium metal industry , Autonagar,Vijayawada
26. South Indian History Congress. About 29 members of our III yr students of 2016 pass out batch have participated as delegates to the South Indian History congress held at Pondicherry University on 5th&6th March2016
Our students undertook a tour to places of Historical importance in Tamil Nadu State. The students have visited:
- Kanchipuram and the temples in Kanchipuram,
 - Mahabalipuram, The shore temple and The Pancharadhas,
 - Aravinda Ashramam in Pondicherry,
 - The French town in Pondicherry,
 - Temples in Chidambaram.
18. The Department of MBA in association with ALCAA conducted a 'Drawing & Painting' competition at Fr Devaiah Auditorium on 03/09/2016 on the occasion of the Canonisation of Mother Teresa. The theme for the competition was 'Mother Teresa and her contribution to Humanity'. Students from as many as 30 schools and colleges participated in the event. Mr Gadde Ramamohan Rao, MLA, Vijayawada (East), was the chief guest.
19. DEPARTMENT OF PHYSICS Organised a field visit to BSNL MUX station, Vijayawada on 7th oct 2016.
20. T Raja Kumar participated in the DBT Sponsored One-Week Faculty Development Programme on e-Content Generation at Phase I during 24th-29th October 2016 conducted by the Internal Quality assurance Cell (IQAC) at Andhra Loyola College and presented a e-lesson on 'Genres of Journalistic Writing'.

DEPARTMENTAL EXTENSION ACTIVITIES:

- Dr.M. Srinivasa Reddy Selected by Social Welfare Departement of A.P Govt to conduct a screening text of 400 candidates in providing free coaching to the competitive Group Services Examination. The Test was conducted with the infrastructure support of Andhra Loyola College, Vijayawada
- Dr.M. Srinivasa Reddy Selected by A.P state Govt. to conduct Academic Audit for the Academic Year 2016-1, and visited colleges namely V.R.M college Nagaram , P.B.N College Nidubrolu : K.V.R Degree college Khajipalem in Guntur district on 3rd,4th,5th of January 2017 respectively and conducted Academic Audit.
- Dr. Y. Hanumantha Rao, Department of chemistry*, has donated to SKCV Children's Trust, Vijayawada for poor boys on August 02, 2016.
- Dr. Y. Hanumantha Rao, Department of chemistry* has conducted "Drinking Water Analysis – Quality Camp" around Vijayawada City on 5th December, 2016.
- Dr.Y.Hanumantha Rao organized a campaign against plaster of Paris idols of Lord Vinayaka on Vinayaka Chaturdhi, Vijayawada.

EXTRACURRICULAR ACTIVITIES:

NCC

Our College has the rare privilege of having four wings of NCC viz. Air Wing, Naval Wing, Army Wing and 3 (A) Remount & Veterinary Regt. led by efficient and experienced A.N.Os, our Cadets, besides participating in regular camp activities, have undertaken various social service activities.

17(A) BN, NCC Army Wing:

1. K. Sanjeev Kumar (NP 63) and M. Teja Sai (NEC 24), Cadets of Army Wing were selected and participated in the 67th Republic Day Parade held at New Delhi.
2. Cadets Sk.Mohammad Shafi (NCP 6), R. Chandra Sekhar (NC 20), D. Uma Maheswara Rao (NEM 15), M. Teja Sai (NEC 24), S.D Swaroop (NC 34), B.S.C. Reddy(NEC 27), G. Sai Chitti Babu (NCP 24) and K. Sanjeeva Kumar (NP 63) participated in IGC –RDC held at Secunderabad from 9th to 18th November, 2016.
3. SUO K. Kiran Kumar (DCP 26), JUO D. Abhilash (DP 5), JUO P.Sudarshan Reddy (DCP 15) and CQMS Y. Malla Reddy (DP-38) participated in All India Rock Climbing Training Camp (AIRCTC) held at Gwalior from 5th to 16th November, 2016.
4. K. Papamma (NP 2) and G. Naga Ratna Kumari (NO 1) participated in National Integration Camp (NIC) held at Hyderabad from 1st to 12th October, 2016.
5. JUO Hema Adithya Sri Vijaya (DP 17) and Rama E. Rama Krishna (AO 2) participated in Independence Day Camp held at Ananthapuram from 7th to 16th August, 2016.

Naval Wing :

1. **Ship Attachment Camp** : CC P. Sai Ram (DCP 38) and PO Cdt. N. Pavan Kumar (DBM 12) attended Sea Training Attachment of NCC officers and SD Naval Cadets to Indian NBavli Ships and establishments camp held at Vishakhapatnam from 30th May to 10th June, 2016.
2. **All India Nau Sainik Camp-2016**: A/Cdt. K Vijaya Venkata Reddy (NML 04), A/Cdt. SK. Hameed Kamal (NGH 25), A/Cdt. B. Syam Gopal (NO 44), and A/Cdt. V Ganesh (NP 18), had attended the NSC Training camp from 16 Sept to 25 Sept , 2016 and launching Camp for NSC from 26 Sept to 05 October 2016 held at Visakhapatnam and All India Nau Sainik Camp-2016 from 06 October to 17 Oct 2016 held at Karwar, Karnataka.
3. **Advanced Leadership Camp** : CC P. Sai Ram and PO Cdt. N. Pavan Kumar attended the Advanced Leadership Camp VI (SSB Screening Capsule) held at Coimbatore, Tamil Nadu from 03rd December to 14th December, 2016.
L/Cdt P.Priya (NFC-19) was selected as the Best Cadet among all the NCC Naval Cadets of Andhra Pradesh and Telanga States.

The following Cadets participated in RDC-2017 at Rajput, New Delhi :

1. L/Cdt Sk.Parveez (NET-04)
2. L/Cdt P.Priya (NFC-19)

Air Wing:

Offr.Cdt. B Johnson attended Precommissioning Course - I at OTA Kamptee and course – II at Air Force Station, Tambaram, from 11th to 30th July 2016 and 1st Nov to 30th Dec 2016 respectively.

I) Republic Day Camp 2017 at New Delhi

1. Cdt. Sgt. Lokeswara Reddy (NCP 12), Cdt. Sgt. Venugopal Reddy (NSC 49), attended the prestigious Republic Day Camp from 30th December 2016 to 30th January 2017 at New Delhi.
2. Cdt. Sgt. Lokeswara Reddy was selected for the prestigious Rajpath Marching Contingent on 26th January 2017.

3. Cdt. Sgt. Venugopal Reddy was selected for the prestigious All India Guard of Honour in the Republic Day Camp 2017 at New Delhi.

II) Air Force Attachment Camps:

1. Cdt. Cpl. G.N.P. Boyal (DO 5) attended Air Force Attachment Camp at Dundigul from 20th June to 3rd July 2016.
2. Cdt. Sgt. M. John David (NB 02) attended Air Force Attachment Camp at Dundigul from 20th to 30th December 2016.

III) National Integration Camp 2016:

Cdt. S. Mallikarjuna (DP 29) and Cdt. D. Bindu Bhargavi (DML 40) participated in the National Integration Camp at Ranchi, Uttharakand, from 02nd to 15th June 2016.

3(A) Remount & Veterinary Regt. Participation in the Republic Day Camp 2017:

Cadet Sk. Akabar Basha (NET-18) was selected for RD Camp held at New Delhi through Horse Riding. In the history of our College, he is the first Boy Cadet representing the College in the RDC through Horse riding.

Cadet Welfare Scholarship:

Cadet K. Suchitha Prabhakar (NGH-20), Cadet P. Divya Sri (NP-43), Cadet T. Nagarjuna (NC-13) were sanctioned with 6,000/- each by the NCC Director General as CW Scholarship. This is the only College with highest number of cadets for having been granted with Cadet Welfare Scholarship.

B&C Certificate Exam Results:

This year 21 B Certificate Cadets and 09 C Certificate Cadets have passed in Exams with best Grades.

NATIONAL SERVICE SCHEME (NSS)

Andhra Loyola College has three NSS units. During the academic year 2016-17, NSS activities were inaugurated by the program officers during June, 2016 by explaining the annual activities to be undertaken under NSS scheme, (300 students are enrolled this academic year) inculcated the importance of service and then motivated children. Subsequently 300 students were come forward to join in this scheme and enrolled their names with main motto of NSS i.e. "NOT ME FOR YOU".

The following Programmes were organized at campus of ALC, Vijayawada.

1. International Yoga day
International yoga day was organized in the 21-7-2016 with the inspiration of our honorable chief minister Sri N.Chandra Babu Naidu.
2. Blood Donation Camp:
Blood donation camp was conducted by NSS I, II & III units of ALC, Vijayawada in association with "Govt. General Hospital, Vijayawada which is managed by "Govt.of Andhra Pradesh" on 27-7-2016. Hundred students came forward for giving helping hand by donating blood to the deserved people.
3. Vanam-Manam Programme
Vanam-Manam Programme was organized in the college campus on 29-7-2016 with the inspiration and instructions of our honorable chief minister Sri N. Chandra Babu Naidu. Avenue and horticultural trees such as guava, amla etc. Were planted in the intermediate block of our college premises.

4. KRISHNA PUSHAKARULU—2016:

The Three units of Andhra Loyola College (Degree) actively involved in the Krishna Pushakarams which was held between 12 to 23 rd August 2016. All the three units under guidance of their programme officers Dr.D.Kruparao(Unit1),Sri P.SrinivasaRao(Unit11),Dr.S.SamuelDayakar(Unit111) were assigned different Pushakaranagars in and around Vijayawada city. Nearly 120 volunteers worked between 9am to 7 pm in helping the pilgrims.The following activities were undertaken by our volunteers.

1. Tagging the identities bands to the children.
2. Serving water and food
3. Assisting the medical staff.
4. Helping the pilgrims at pushakhar bus stations.
5. Helping the Traffic control to local police.
6. Personnel attention was paid to the aged devotees in solving their needs.

The NSS units of ALC profoundly thank to Krishna University NSS cell coordinator Dr.C.M. Vinay Kumar for his help and supporting making our contribution at pushakaram a grand success.

5. Clean and Green:

Clean and green programme was organized on 1-9-2016 and all NSS volunteers actively participated in this programme under the guidance of NSS officers in the college premises. The environment was kept clean and green especially near the church.

6. Blood Grouping Camp:

Blood grouping camp was organized on 15-9-2015 for first year under graduate students in association with the Indian Red Cross Society, Vijayawada unit. 900 samples of blood was analyzed for group and awareness was brought in students for their blood groups which will be indicated on their ID cards .

7. Krishna Yuvatarang Selections:

Krishna Yuvatarang selections were done on 19-9-2016 in our college campus being a host for entire Krishna University. Different colleges under Krishna University were participated in these selections out of which four members were selected.

8. World AIDS Rally:

In view of World AIDS Day on December 1st, 2016 three units of NSS were organized a rally to bring awareness on AIDS in people. 250 volunteers of our college were participated and distributed pamphlets on prophylactic measures of AIDS.

9. Less cash transactions rally

On 6 th December 2016 all the three units volunteers of the NSS have undertaken a rally in support of less cash transactions payments along with other city colleges under the jurisdiction of Krishna university Machilipatnam

10. HEPSON SEMINAR

The three units of NSS units along with HEPSON of Andhra Loyola college have organized UGC sponsored 2 day National seminar on challenges and opportunities for the physically challenged persons COPCA 17. Six NSS volunteers presented papers and 30 volunteers actively participated in the seminar.

11. Campaign on cashless payments

On 6 January 2017, all the 3 units' volunteers of NSS visited nearly 2000 households and enlightened the people on cash less payments. The volunteers participated very enthusiastically and collected digital sena format information.

NATIONAL GREEN CORPS (N.G.C.):

National Green Corps is a programme of the Ministry of Environment and Forests Government of India, which aims to provide opportunities for students to understand the Environment and Environmental problems.

Activities:

1. Plantation Work: NGC students participated in the campus cleaning and plantation work as a part of NGC programme, Sri RAVELA KISHORE BABU, Social Welfare Minister, Govt. of Andhra Pradesh Inaugurated this programme on 20th June, 2016. Total 70 students participated in the campus cleaning and plantation work. This work gives students an experience about the importance of cleanliness and plantation. This also imparts a feeling of responsibility on their surroundings for the students.

2. Environmental Awareness Programme: On the eve of WORLD NATURE CONSERVATION DAY on 27-07-2016, NGC organized an Environmental Awareness Programme. As a part of this programme NGC organized Drawing competitions for Inter, Degree and for PG students on the following themes-1 Save Nature 2. Conservation of Biodiversity on 27th July, 2016. 280 students from various Departments actively Participated in this programme.

3. Guest Lecture: NGC organized a Guest lecture on 'Conservation of Biodiversity' on 28th July, 2014, to mark the WORLD NATURE CONSERVATION DAY. Rev. Fr. S. Emmanuel, SJ, former Principal of ALC and Dr. T. Sri Kumar, Dept. of Physics, ALC delivered invited talk on Biodiversity - Importance and Effect of Environmental Pollution on Health & Environment.

4. Campus Cleaning- Eradication of Parthenium weed: National Green Corps organized Campus Cleaning Programme to eradicate parthenium weed from the campus on 28th July, 2016 near the Canteen. Total 120 Biology Students participated in this Programme. Dr. B. Siva Kumari, NGC Coordinator monitored the programme.

5. VANAM- MANAM- PRAKRUTHI PILUSTUNDI - PLANTATION PROGRAM Andhra Loyola College took a fore step in PLANTATION PROGRAM to motivate the Public mainly the Youngsters to protect the Environment from the Human activities that affects our future generation. The Government gave a Slogan "VANAM - MANAM", to the Plantation program. By taking this as motivation NGC Students actively participated in the plantation programme on 29/07/2016.

6. Plantation programme: National Green corps organized Campus Cleaning Programme and Plantation work on 4th Aug, 2016, near the Canteen. Total 100 Biology Students participated in this Programme. Dr. B. Siva Kumari NGC Coordinator monitored the programme.

7. Plantation programme: National Green Corps of Andhra Loyola College conducted Campus Cleaning Programme on 1st September, 2016. Total 95 Biology students participated in this programme and removed parthenium and Tridax weeds in front of the Library and in the Herbal Garden. Dr. B. Siva Kumari coordinator of NGC, monitored this programme.

8. Slogan Writing Competitions: On the eve of "World Ozone Day" on 16th September, 2016, the Departments of Botany and National Green Corps organized a Slogan writing Competition on "Global Warming –Climate Change" on 15th Sep, 2016. Slogan Writing Competition was conducted on the topic Global Warming – Climate Change. Total 200 students participated. Mr. K. Sankar, Dr. Ch. Chinnappa, Dept. of Botany, acted as the Judges.

9. Guest Lecture: On the eve of "World Ozone Day" on 16th September, 2016, the Departments of Botany & National Green Corps organized World Ozone Day to promote Environmental Awareness. This programme was inaugurated by Rev Fr. S. Melchoir, S.J, Vice Principal Ms Tejaswini, Department of Environmental Science introduced the theme of the day. She explained about the importance of Ozone layer & role of an individual to save and protect mother Earth. The Guest Speaker Dr. T. Sri Kumar Department of Physics, Andhra Loyola College, was emphasized on climate change, Global Warming – Causes occurrence and effects of global warming on Human Health, Plants and Animals. Dr. Sri Kumar gave description about the important Green-house gases, contribution of each green-house gases to the Global-Warming. He

also educate about Montreal Protocol, its important amendments, ozone hole in Antarctica, Scanty ozone depletion over arctic region, consequences of Greenhouse effect such as Rise in sea level, effect on plants, human health and wildlife etc.

10. AIDS AWARENESS RALLY: National Green Corps of Andhra Loyola College students participated in the AIDS AWARENESS RALLY on 1st Dec, 2016.

Department of Sciences & Technology *Sponsored*

Five-Day *INSPIRE* Internship Science Camp

17-21, October 2016

INTERNSHIP SCIENCE CAMP-BRIEF REPORT

Science is the genesis of all technologies. Science is the understanding of nature. Science is the discovery of how life exists. Science was at the beginning and it will prevail till the end and Science is an evidence to the power of the creator. In order to celebrate Science with the budding scientists, Andhra Loyola College (ALC) organised a five Day Internship Science Camp, sponsored by Department of Sciences and Technology (DST), Govt of India, during 17-21, October 2016.

Background:

Andhra Loyola College, is always in the forefront to promote science and research, and has a unique distinction of having 54 Ph.D holders and 16 Research guides. Loyola has 5 research centres and duly recognised as a Star college by the Dept of Biotechnology, Govt of India. Promoting science and Research was always in the forefront theme of ALC.

“Motivating talented youth to take-up research as a personal undertaking” by rubbing shoulders with global icons of science including Nobel Prize Winners, is the objective of Department of Sciences and Technology, Govt of India sponsored *INSPIRE* Internship. This component of the programme aims at working as a life-long catalysing experience for the 11th graders in science stream.

Methodology

Joining hands with DST, ALC organised a Science camp to realise the dream of motivating the young minds to take up studies and research in Science during 17-21, October 2016 at Andhra Loyola College. Toppers studying Intermediate courses numbering 150 were selected following the norms laid down by the DST.

Leading speakers from top institutions in our country were invited to motivate young minds. The talks were arranged in morning sessions (9.30 a.m – 1.00 p.m). During the post lunch sessions (2 p.m – 5.00 p.m), the participants were exposed to labs in four streams viz., Physics, Chemistry, Zoology and Botany during the first four days of the camp. There were also interactions with the resource persons during the pre dinner meeting (6.00 p.m to 7.30 p.m). We also organised 3 competitions during the five day sessions. They are: Poster presentation, Essay writing and exhibiting a model.

List of Invited Speakers (Mentors) presented talks

1. Prof. A.S. Raghavendra, Dept of Plant Sciences, HCU, Hyderabad
2. Prof. M.K. Thakur, Dept of Zoology, B.H.U-Varanasi
3. Prof. Kanda Swamy, Dept of Maths, Bharatiyar University, Coimbatore
4. Prof. K. Murali Krishna Murthy, Dept. of Physics, Anna University, Chennai
5. Prof. Ganguli Ashok Kumar, Dept of Chemistry, IIT-Delhi
6. Prof. A. Usha Rani, Dept of Zoology, S.V.University-Tirupathi
7. Prof. Debasis Kundu, Dept of Maths, IIT-Kanpur
8. Prof.G.Raja Ram, Dept of Physics, HCU, Hyderabad

9. Prof. A. Rama Chandriah , Dept of Chemistry, NIT-Warangal
10. Prof. K.V. Devi Prasad , Life Sciences, Pondicherry Central University
11. Prof. G. S. Bhatt, Dept of Earth and Planetary Sciences, IISC, Bangalore

Inspire Blog

www.alcinspire.blogspot.in

This blog has the information and Photos of the event. It helped the participants and resource persons to easily access to the photos. The day wise detailed report is presented in the next few pages.

Day-wise reports

Day- 1 : 17-10-2016

A. Inaugural session (9.30 a.m- 10.30 a.m)

“The progress of a country depends on its foundations in science and technology. Countries like USA and UK could become powerful solely because of their innovations in various fields ” said DR.B.PRASAD RAO Formerly the D.G.P, Government of A.P and the chief guest of the inaugural function of the INSPIRE program. He is an alumnus of ALC, and not just an administrator but a symbol of Passion, for Science. His passion for Optics, lead him to own a laboratory in his house. While inaugurating the five day workshop for the intermediate toppers, he has highlighted the dedication and hard work put forward by various scientists like Gregor Mendel , Einstein, Issac Newton and Michael faraday .

Dr. D.Venkata Satish, Coordinator of Inspire Programme, explained the dynamics of this five day workshop. Rev. Fr. Dr. G.A.P. Kishore, Principal, Rev, Fr. S. Raju Correspondent, Rev. Fr. Dr. P. Anthony, HOD, Zoology, Dr. G. V. Ramana, HOD, Chemistry, Event coordinators Dr G Sahaya Baskaran & Dr K. Rayappa Reddy, Lecturers and members of the management participated.

B. Technical Session – I (10.50 a.m to 1.15 p.m)

During the first technical session there were two inspiring talks. Professor A.S. Raghavendra, Dept of Plant sciences, HCU, highlighted how plants adapt themselves to the environment and inspired the students. He has explained the use and need of plants. Prof M.K. Thakur of Zoology Department from BHU, Varanasi explained the function of Brain and the developments in understanding the Brain on the topic ‘ Mystery of Human mind’

C. Lab visit – I (2.15 p.m – 5.30 p.m)

During the Post lunch session the participating students were divided in to four groups with 37/38 students each to one group. Each group visited one of the following labs on the first day as well as on other days as per the following schedule. They were lead by the members of the concerned departments.

Lab	17-10-2016	18-10-2016	19-10-2016	20-10-2016
Physics	GROUP-1	GROUP-2	GROUP-3	GROUP-4
Chemistry	GROUP-2	GROUP-3	GROUP-4	GROUP-1
Zoology	GROUP-3	GROUP-4	GROUP-1	GROUP-2
Botany	GROUP-4	GROUP-1	GROUP-2	GROUP-3

The lab visit was very inspiring and interactive. Hands on experience was given on the experiments that will create an interest in science and induce inquisitiveness. For example the Professors in Physics were asking the students to identify the differences between prism spectra and grating spectra by showing both. The demonstration on diffraction using laser kit, experiments related to electromagnetism was designed to make the participants, to learn the concepts clearly. They were also shown the Bio glass research lab, publications and some Journals.

D. Pre dinner interaction (6.00 – 7.30 p.m)

Prof M.K. Thakur of Zoology Department from BHU, Varanasi and Prof. K. Murali Krishna Murthy, Dept of Physics Anna University, Chennai handled a stream of questions from the students. Even though some questions look absurd, they were patient enough to explain the mysteries of science and other topics related to life, higher education and so on.

E. Poster Competition

During the Lunch break as well as Tea break, the students were encouraged to visit the posters presented by some of the participating students on the theme “Energy Conservation Efficiency and Sustainability”. The Students of the College, including Degree and PG courses were visiting the Posters that were displayed in the open area. The best four posters were also given prizes and certificates during the valedictory function.

Day- 2 : 18-10-2016

A. Essay Writing competition

An essay writing competition for all the students participating in the camp was organised immediately after the breakfast. The theme of the competition was “Recycling & Processing of waste to conserve resources” and the prizes were given to 4 toppers which were selected by Dr. A. Usha Rani, Dept of Zoology, S.V.University, Tirupathi and Prof. Ashok kumar Ganguli, Dept.of Chemistry, IIT –Delhi.

B. Technical Session – II (9.30 a.m to 1.00 p.m)

During the second technical session there were two inspiring talks.

- Prof. P. Kanda Swamy, Dept of Maths, Bharatiyar University, Coimbatore on ‘Mathematics from nature and its uses’
- Prof. Murali Krishna Murthy, Dept. of Physics, Anna University, Chennai on ‘Inspired by Nature’

C. Pre dinner interaction (6.00 – 7.30 p.m)

Prof. Kanda Swamy, Dept of Maths, Bharatiyar University, Coimbatore interacted with the students and shared affectionately calling the students as his sons and daughters. He also gave some spiritual outlook to life.

Day- 3 : 19-10-2016

Model display competition

A scientific model display competition was organised immediately after the breakfast. Students of Inspire camp as well the Intermediate classes of ALC participated and presented various models related to 'Fun of Science' the prizes were given to 4 toppers which were selected by two Lecturers from the Dept of Electronics, ALC.

A. Technical Session – III (9.30 a.m to 1.00 p.m)

During the third day, there were two inspiring talks.

- Prof. Ganguli Ashok Kumar, Dept of Chemistry, IIT-Delhi on 'Imagine Life without Science'
- Prof. A. Usha Rani, Dept of Zoology, S.V.University-Tirupathi on 'Environmental Pollution'

B. Pre dinner interaction (6.00 – 7.30 p.m)

Prof. Ganguli Ashok Kumar and Prof. Usha Rani interacted with the students. Prof Ganguli explained the courses available in IITs related to science stream and also cleared various doubts related to various topics.

Day- 4 :: 20-10-2016

A. Model display competition

The model display was continued for the second day too. Many students from intermediate and Degree classes of ALC visited and interacted with the students.

B. Technical Session – IV (9.30 a.m to 1.00 p.m)

During the fourth day, there were two inspiring talks.

- Prof. Debasis Kundu, Dept of Maths, IIT-Kanpur on 'Randum Numbers'
- Prof.G.Raja Ram, Dept of Physics, HCU, Hyderabad on 'Advances in Micro and Nano Electronics'

C. Pre dinner interaction (6.00 – 7.30 p.m)

Prof. Debasis Kundu, Dept of Maths, IIT-Kanpur interacted with the students. He has explained various doubts asked by the students on mathematics, statistics and life.

Day- 5 :: 21-10-2016

A. Technical Session – V (9.30 a.m to 1.00 p.m)

During the fifth day, there were three inspiring talks during the whole day, out of which two were during the morning and the final talk in evening. Talks presented in morning are:

- Prof. A. Rama Chandriah, Dept of Chemistry, NIT-Warangal on 'Frontiers of Modern Science and Challenging Opportunities for Scientifically Motivated youth'
- Prof. K.V. Devi Prasad , Life Sciences, Pondicherry Central University on 'Geographic information system and Remote Sensing'

B. Technical Session – VI (2.00 p.m to 3.30 p.m)

- Prof. G. S. Bhatt, Dept of Earth and Planetary Sciences, IISC, Bangalore on 'Emerging trends in Weather and Climate'

C. Valedictory

'Reduce your consumption; avoid the wastage of Food as producing one kilogram of Rice needs a huge amount of Water along with other resources. When you throw your food into a dustbin, you are adding degradation into the Environment and also wasting a huge amount of water' Said Prof S. Rama Krishna Rao, Vice Chancellor of Krishna University, over the valedictory organised on the Five Day Inspire internship Science camp held at ALC. He has pointed out those young minds like you should take up basic sciences and research for your studies and contribute for the welfare of the Country.

Prizes were distributed to the winners in Essay Writing, Model presentation and Poster presentation Competitions.

Fr. Kishore, Principal, Dr. D.V. Sathish , Coordinator , Dr Sahaya Baskaran and Dr Rayappa Reddy event Coordinators, Dr. Ch Srinivasu, Secretary, Academic activities participated.

STUDENTS' ACHIEVEMENTS:

Academic Awards

- Ms N.Keertana & Ms S.Lalitha of DMCA won PRATHIBHA AWARDS for academic excellence instituted by Govt of Andhra Pradesh.
- N.Bhargavi of NMCA won a prize for Best ETHNIC WEAR in ethnic day celebrations on 9th December 2016 conducted by Andhra Loyola College.
- Students of AMCA won a prize for Best Stall in ethnic day celebrations on 9th December 2016 conducted by Andhra Loyola College.
- Students of AMCA & NMCA got certificates for participating in the seminars conducted by Vijayawada Book Festival Society & NTR Trust from 3rd to 8th January 2017.
- MCA students participated and won third prize in Bhavana conducted by PG Department of Andhra Loyola College on 17th and 18th October 2016.

• **STUDENTS' ACTIVITIES**

- The students of M Sc Viscom II year participated and acted in the Social Advertising Film produced for the Govt of Andhra Pradesh for giving social awareness on Swatchha Bharat under the direction of Mr K Pradeep on 17 July, 2016. Faculty members Mr N Sridhar, Mr M Elisha supervised the program.
- AMVC and NMVC students participated in a symposium, *Samalochana*, on the topic 'IT & IOT – Opportunities for Youth' on 3rd January 2017 organised by the Dept of Language & Culture, Govt of Andhra Pradesh, Vijayawada Book Festival Society (VBFS), and NTR Trust at Swaraj Maidan, Vijayawada.
- AMVC and NMVC students participated in a symposium, *Samalochana*, on the topic 'Role of RBI in the Current Situation' on 3rd January 2017 organised by the Dept of Language & Culture, Govt of Andhra Pradesh, Vijayawada Book Festival Society (VBFS), and NTR Trust at Swaraj Maidan, Vijayawada.
- The Second year students of M Sc Viscom produced a documentary on Mother Teresa on the occasion of the canonization of Mother Theresa during the month of November and December 2016.
- The students of M Sc Viscom undertake the responsibility of taking photographs when the programmes of the college or any Departmental activities for acquiring practical knowledge of photography and videography.

Mr.P.Venu Gopala Rao, Dept. of Mathematics has been appointed as Board of Studies member in Mathematics by K.B.N.College (Autonomous),Vijayawada.

M. Arokiasamy, Department of Mathematics

Adjudicator:

- Acted as a judge for the State Level Exhibition Competition (Mathematical Models) conducted on 02- 10-2016 by Vijnana Vihara English Medium High School, Nutakki, Guntur, A.P.

INSPIRE Training Programme served as Mentor:

- Served as a Mentor to guide teachers of INSPIRE Awardees of Krishna District, during one day orientation programme on 25th July, 2016 organized by the State Council of Educational Research and Training (SCERT), Govt. of Andhra Pradesh, at Andhra Loyola College.

ACADEMIC PRIZES WON BY STUDENTS OF MATHEMATICS

1. Students T. Dinesh (DCP 56), P.V.V.N. Sai Babu (DSC 28) and Ch. Srinivasulu (DC 28) won the first prize in Mathematical Quiz competition conducted on 22-12-2016 by the Department of Mathematics, Parvathaneni Brahmayya Siddhartha College of Arts and Science, Vijayawada in commemoration of the birth anniversary of the Indian Mathematics genius Sri. Srinivasa Ramanujan on the eve of the “National Mathematics Day” .

2.M.G. Bhavan Narayana (DP 59) won the second prize in Poster Presentation on Mathematical Concepts conducted on 22-12-2016 by the Department of Mathematics, Parvathaneni Brahmayya Siddhartha College of Arts and Science, Vijayawada.

(PG) Maths Prize Winners (Final Year & Out gone Students)

2014-2016 Batch (Out gone)		2015-2017 Batch (Final Year)	
I Prize	P.Sudha Mary	I Prize	V.Madhu, B. Leela
II Prize	N.Neelima	II Prize	M. Haritha

Department of Physics:

Dr. G. Srinivasa Rao Reader in Physics Subject expert in the PG & Pre-Ph.D., Physics BOS of Krishna University, Machilipatnam.

M1. Member, Technical Committee in the National Seminar on Andhra Pradesh Science Congress – Science and Technology for Health organized by AP Akademi of Sciences, NTR Health University, Acharya Nagarjuna University and Krishna University on 7th, 8th, 9th November 2016.

M2. Member, Organizing Committee in the International Seminar on Physics and Chemistry of Materials and Applications organized by SPMH Kalasala, Machilipatnam and Luminescence Society of India on 4th, 5th January 2017

1) Dr. G. Sahaya Baskaran, Department of Physics has been admitted as an Associate Fellow into Andhra Pradesh Akedemi of Sciences (APAS). The induction function was held on 19-3-2016 at Acharya Nagarjuna University. During the function, Ms. Smitha Devara Principal Secretary of Higher Education, A.P, addressed and all the leading scientists from A.P have participated.

I. Dr. G. Sahaya Baskaran, Department of Physics has been appointed as the member of Board of Studies of the Dept of Physics of Maris Stella College. He has attended their BOS meeting on 31-03-2016 . Book Review – As a mentor

1) Dr. G. Sahaya Baskaran, Department of Physics mentored a Book Review by T. Sony Mary Daniel (DP), which was held on 4-3-2016. The book ‘Target 3 Billion’ By A.P.J Abdul Kalam & Srijan Pal Singh was reviewed.

2) Dr. G. Sahaya Baskaran, Department of Physics mentored a Book Review by Alwin Jose Abraham V (NEM) on 1st December, 2016 . Title of the Book : Mother Teresa

II. Add on Courses Conducted as Coordinator

Dr. G. Sahaya Baskaran, Department of Physics organised two batches of Certificate Courses in IT Applications (CITA) during this year. The first batch of the 50 hour long evening course was conducted during Jan- March 2016 and the Second batch was conducted during Sept-October 2016. This course enabled the Degree and PG students to enhance their IT skills on Creation of Blogs and websites, ICT tools for advanced learning, project development and research, MS Excel for data processing, data analysis and Graph drawing and MS Word for preparation Project Reports.

• Dr. M. C. Rao, Department of Physics Outstanding Researcher Award (International) During Aufau International Awards-2016 ceremony held on June 2nd, 2016 at Salem, Tamilnadu,

India (in recognition of significant contribution in Physical Sciences organized by Chemical Science Review Letters)

- Dr. M. C. Rao, Department of Physics Appointed as Board of Studies Member in Physics to Duvvuri Ramanamma Women's (DRW) Degree & P.G. College, Gudur, A.P. (2013-2016) PG

1. K Kalyani (II year pass out) won the 1st place in academics for the year 2015-16.
2. D. Siva Nagalakshmi (II year pass out) won the 2nd place in academics for the year 2015-16.
3. P. Devika (I year pass out) won the 1st place in academics for the year 2015-16.
4. L. Prashanth (I year pass out) won the 2nd place in academics for the year 2015-16.

Department of Chemistry:

1. Department of chemistry conducted social awareness programme on using clay Ganesh idols
2. Department of chemistry analyzed water samples in and around Vijayawada
3. Department of chemistry analyzed bread samples available in Vijayawada city.
4. *Dr. Y. Hanumantha Rao, Department of chemistry*, acted as a 'Resource Person' and delivered International Seminar on "BioMass – Sustainable Solutions on Energy, Chemicals and Industrial Materials" held at Usha Rama College of Engineering and Technology, Vijayawada on 22nd September, 2016.

1. Dr.Y.Hanumantha Rao, Department of Chemistry has honoured "Global Peace Foundation Award" on the eve of World Peace Day Celebrations at Hyderabad for his outstanding Research Work on "Drinking Waters".

2. Dr.Y.Hanumantha Rao, Department of Chemistry received "Special Appreciation Award for Research 2015-2016" on the occasion of 62nd College Day Celebrations of Andhra Loyola College, Vijayawada.

Editorial Board Member:

1. Dr.Y.Hanumantha Rao has appointed as Editorial Board Member and Reviewer of "International Journal of Engineering Research Online ISSN-2321-7758" with Effect from 1st August 2014.

2. Dr.Y.Hanumantha Rao has appointed as Editorial Board Member and Reviewer of "Bulletin of Pharmaceutical and Medical Sciences ISSN-2321-4503" with effect from 1st October 2014.

PG

2014-2016 Batch (Outgone)		2015-2017 Batch (Final Year)	
I Prize	K.Swathi	I Prize	M.Surekha
II Prize	B.Spandana	II Prize	A.Sreepadmini

Department of Microbiology and Biotechnology:

- Venu NMB 37 participated in Hammer throw in sports held on 1st Dec 2016 at Andhra Loyola College Vijayawada
- Usha Rani NMB-10, Madhuri NMB-15 participated in Golden Voice singing competition held on 3rd Dec 2016 at Siddhartha College, Vijayawada
- Santhoshi Rajamane NMB-21 participated in an event Happy Sunday at Indira Gandhi Municipal Stadium, Vijayawada on 4th Dec 2016
- Santhoshi Rajamane NMB-21 participated in an event Digital India – Cashless transactions at Indoor Stadium, Vijayawada on 16th Dec 2016
- Madhuri NMB-15 won 2nd prize in Ethnic wear Competitions held at Andhra Loyola Colege, Vijayawada on 8th Dec 2016
- Santhoshi Rajamane NMB-21 won 3rd place in Elocution on Navya Andhra in Vijayawada Book Festival at PWD Grounds on 6th Jan 2017

- Madhuri NMB-15 participated in singing competition NavyaAndhra held on 6th Jan 2017 at P.W.D.Grounds, Vijayawada

Department of Biotechnology (PG):

1. Academic Awards won by students:

1. A. Neelima, Shaik Asfia Bano (NMBT 03,01) of M.Sc. Biotechnology got I prize in Flower arrangement in Bhavana 2016-PG cultural fest.
2. Prasanth Sarthy (AMBT 16) of M.Sc. Biotechnology got I prize in Group Dance and Mime in Bhavana 2016-PG cultural Fest.

Any Research projects undertaken by Staff/Students:

1. UGC sponsored Minor research project has been sanctioned to Mrs V. kavitha for this academic year with an amount of Rs 1, 95000.
2. Students projects as part of their course work:
 - a. Isolation and characterization of phosphate solubilising bacteria from Tomato Rhizosphere at PG Biotechnology lab, Andhra Loyola College, Vijayawada, 2016.
 - b. Antimicrobial Activity of *Couroupita guianensis* against ten microbes which are harmful to human health at PG Biotechnology lab, Andhra Loyola College, Vijayawada, 2016.
 - c. Isolation, Identification and mass production of nitrogen fixing bio-fertilizer *Azospirillum* species at KCP Sugar Industries corporation Ltd, Vuyyuru, Krishna district, Andhra Pradesh in 2016.

Research Papers published:

V. Kavitha *et al.* HOD of Biotechnology, got co-authorship of an article titled "INTENSIFICATION IN DECCANI SHEEP: HAEMATOLOGICAL AND BIOCHEMICAL INFLUENCES" in the European Journal of Molecular Biology and Biochemistry. 2015;2(5):251-256. ISSN - 2348-2206.

DEPARTMENT OF COMPUTER SCIENCE:

1. 2nd Prize in Coding & Debugging- Techno Meet Conducted by Maris Stella college, Vijayawada
2. First prize in Technical Quiz – BLITZ 2016 , Conducted by Department of Computer Science , PB. Siddhartha Arts and Science college, Vijayawada

DEPARTMENT OF BOTANY(PG):

- U.Monika(NMBY 02) of department of botany (PG) secured first rank in semester examination I and II conducted by Krishna university.
- G. Jyothsna (NMBY 15) of department of botany (PG) secured first rank in semester examination I and II conducted by Krishna university.

DEPARTMENT OF HISTORY:

1. Four of our IIB.A students were selected to speak in Yuvavani(All India Radio), about their recent tour to Amaravathi. It was broad cast on A.I.R Vijayawada(on :17-10-2016)

DEPARTMENT OF MBA:

1. K Madhu (NMBA 08) & P Kareem Ali Khan (NMBA 58) won first prize in the paper presentation competition on 'Sunrise Capital' at SKILL FEST – 2K16 organized by PSCMR College and Technology on 15/07/2016
2. P Sai Murali Krishna (NMBA 16) won first prize in the 'Slow Biking' competition organized by Dasarath Motors, dealer of Hero Moto Corp. on 23/07/2016 at Andhra Loyola College grounds.
3. H Syam Prakash (AMBA 07) won third prize in Inter Collegiate Badminton Tournament conducted by Krishna University at AGSG Siddhartha College of Arts and Science, Vuyyur from 16/09/2016 to 18/09/2016.

4. S Nitish Nair (AMBA 12) and Durga Pujitha (AMBA 32) won first and second prizes respectively in the essay writing competition conducted by the PG Library as a part of National Book Week from 14/11/2016 to 20/11/2016.

5. Gopinadh (NMBA 03), Vishal Yadav (NMBA 12) and Ali Khan (NMBA 58) won first prize in 'Market Makers' and Chandra Venkatesh (AMBA 37), T Joseph Naveen (AMBA 41), S Rafi (AMBA 42) and Lalitha Sri (AMBA 54) won first prize in B-Quiz at Nirulotsav – 2K17 organised by Vignan Nirula Institute of Science and Technology, Guntur.

2014-2016 Batch (Outgone)		2015-2017 Batch (Final Year)	
I Prize	Nur Basha	I Prize	Ch Indira Priyadarshini
II Prize	Y Harika	II Prize	Priyanka

DEPARTMENT OF BIOTECHNOLOGY (PG)

1. S Swapna (II year pass out) won the 1st place in academics for the year 2015- 16.
2. N Sadhana (II year pass out) won the 2nd place in academics for the year 2015-16.
3. Asfia Bano (I year pass out) won the 1st place in academics for the year 2015-16.
4. Krishnaveni (I year pass out) won the 2nd place in academics for the year 2015-16.
5. A. Neelima, Shaik Asfia Bano (NMBT 03,01) of M.Sc. Biotechnology got I prize in Flower arrangement in Bhavana 2016-PG cultural fest.
6. Prasanth Sarthy (AMBT 16) of M.Sc. Biotechnology got I prize in Group Dance and Mime in Bhavana 2016-PG cultural Fest.

DEPARTMENT OF BOTANY(PG):

- A LAKSHMI DURGA (NMBY 01) of department of botany (PG) participated in the Krishna District weight lifting championships and won first prize with gold medal on 2-10-2016.
- G .Aravind(NMBY 08) of second year botany department of botany (PG) participated in Bhavana 2016 won a first prize in skit.
- M .TABITHA (NMBY 05) of second year botany department of botany (PG) participated in Bhavana 2016 won second a prize in sport painting.
- Kezia D (AMBY 02) of department of botany (PG) is awarded with pratibha award 2016 by the hands of hon'ble chief minister of andhra Pradesh Sri. Nara Chandrababu Naidu for excellence in BSc life sciences .
- 2nd Prize in Coding & Debugging- Techno Meet Conducted by Maris Stella college, Vijayawada

- First prize in Technical Quiz – BLITZ 2016 , Conducted by Department of Computer Science , PB. Siddartha Arts and Science college, Vijayawada

DhamCherad conducted by Mari's Stella College, Vijayawada as a part of Inter Collegiate Physics meet. Our Students

- MissNiharika(AMPH-15) got 2nd prize in Essay Writing,
- MissSushmaRatan(NMPH-18) got 2nd prize in Debate.

WOMEN'S CELL 2016-17

- Women's cell organized two days 'Girl Student and Parent Interaction sessions' on 8th and 9th July 2016.
- Women cell has conducted a work shop on 28th October 2016 at ALC on the topic 'women Empowerment through Health'

- On 6th December Breast cancer awareness programme is conducted to 800 girl students by 40 Medicos from Pinamanneni Medical college.

INTERNAL QUALITY ASSURANCE CELL (2016-17)

Activities

1. Organized a two day Induction Programme for the Faculty on Probation on 3rd & 4th June, 2016.
2. Organized a two day Workshop on “Examination Reforms and Question Bank Preparation” for UG & PG Faculty on 6th & 7th June, 2016.
3. Organized a Orientation Programme on Research Methodology for the PG Faculty on 23rd June, 2016.
4. Organized Faculty development Programmes on e-Content Generation during 24th – 29th October, 2016 and 31st Oct – 5th Nov, 2016.
5. Organized the Meeting of the Consortium of Autonomous Colleges Under the Jurisdiction of Krishna University on 28th Oct, 2016.
6. Coordinated the Academic Audit on 7th Jan, 2017.

Students’ Participation in Seminars and Workshops:

1. Students of department of botany (PG) attended a THREE day international seminar on NEW APPROCHES IN AGRICULTURE FOOD & ENVIROLMENTAL SCIENCES (pulses for sustaniable development and food security) on 22 dec to 24 dec 2016 organized by The Departments of Botany, Microbiology & Biotechnology ANDHRA LOYOLA COLLEGE VIJAYAWADA .8
2. Students of department of botany (PG) attended a two day NATIONAL SEMINAR - "EMERGING TRENDS IN ENVIRONMENT & SUSTAINABLE DEVELOPMENT"organized by The Departments of Botany, Microbiology & Biotechnology ANDHRA LOYOLA COLLEGE VIJAYAWADA on 2nd & 3rd Sep, 2016.
3. Students of department of botany (PG) attended a international confrence on “Pulses for Sustainable Food Security- Prospects & Challenges” on 9th September, 2016, at Andhra Loyola College,(Autonomous), Vijayawada. organized by The Department of School Education, Krishna District.
4. G .Aravind(NMBY 08) attended ONE DAY WORKSHOP ON “MUSHROOM CULTIVATION AND ENTREPRENEURSHIP “ organised by The Department of Botany on 2nd December,2016 at PB SIDDHARTHA COLLEGE OF ARTS & SCIENCES,VIJAYAWADA -10
5. G .Aravind(NMBY 08) and P DEVI PRIYA (NMBY 09) attended TWO-DAY-REGIONAL STUDENT WORKSHOP- INSTRUMENTATION & HANDS ON TRAINING organised by The Departments of Biotechnology, Botany & Microbiology organized a Two- Day DBT- Sponsored Regional Student Workshop & Hands on Training Programme from 27th & 28th July, 2016 .
6. G ARAVIND (NMBY 08)PRESENTED A PAPER ON AMBIENT AIR QUALITY STATUS OVER VIJAYAWADA – A CASE STUDY in The UGC Sponsored Two Days National Seminar on “ENERGY, ENVIRONMENT AND ECONOMY -The Nexus, Implications and Initiatives” to be organized by the P.G and U.G Departments of Economics, D.N.R College(Autonomous), Bhimavaram – 534 202, Andhra Pradesh, India.
7. G .Aravind(NMBY 08) U .Monika(NMBY 02),K .Himana(NMBY 11),M .Akhila Priya(NMBY 10),G. Jyothsna(NMBY 15),P.Devi Priya (NMBY 09). attended The UGC Sponsored Two Days National Seminar on “ENERGY, ENVIRONMENT AND ECONOMY -The Nexus, Implications and Initiatives” to be organized by the P.G and U.G Departments of Economics, D.N.R College(Autonomous), Bhimavaram – 534 202, Andhra Pradesh, India.
8. Kezia D (AMBY 02), Venkata mounika T(AMBY 10),, Bhagya lakshmi T(AMBY 14),. students of department of botany (PG) attended on “RUBBER WASTE MANAGEMENT BY LIGNICOLOUS FUNGI “ at THREE day international confrence on NEW APPROCHES IN AGRICULTURE FOOD & ENVIROLMENTAL SCIENCES (pulses for sustaniable development

and food security) on 22 dec to 24 dec 2016 organized by The Departments of Botany, Microbiology & Biotechnology ANDHRA LOYOLA COLLEGE VIJAYAWADA .8

9. G .Aravind(NMBY 08) , Praveen Kumar Nagadesi , K .Sankar ,M.sai Mounka (AMBY 13),S.Swetha(AMBY 03),CH.Mallika (AMBY 01) students of department of botany (PG) presented a poster on “Aerobiological Fungi in India “THREE day international confrence on NEW APPROCHES IN AGRICULTURE FOOD & ENVIROLMENTAL SCIENCES (pulses for sustaniable development and food security) on 22 dec to 24 dec 2016 organized by The Departments of Botany, Microbiology & Biotechnology ANDHRA LOYOLA COLLEGE VIJAYAWADA .8

10. Praveen kumar nagadesi, R.Naveena(AMBY 08), V.ludhiya. (AMBY 09) students of department of botany (PG) presented a poster on “BIOLOGICAL CONTROL OF RED ROT DISEASE IN SUGARCANE FROM INDIA “ at THREE day international confrence on NEW APPROCHES IN AGRICULTURE FOOD & ENVIROLMENTAL SCIENCES (pulses for sustaniable development and food security) on 22 dec to 24 dec 2016 organized by The Departments of Botany, Microbiology & Biotechnology ANDHRA LOYOLA COLLEGE VIJAYAWADA .8

11. Chinnappa.Ch, Himana.K(NMBY 11), Parveen.SK(NMBY 06),Akhilapriya.M (NMBY 10) students of department of botany (PG) presented a poster on “FOOD SECURITY-A MAJOR CHALLEMGE FOR 21st CENTURY “ at THREE day international confrence on NEW APPROCHES IN AGRICULTURE FOOD & ENVIROLMENTAL SCIENCES (pulses for sustaniable development and food security) on 22 dec to 24 dec 2016 organized by The Departments of Botany, Microbiology & Biotechnology ANDHRA LOYOLA COLLEGE VIJAYAWADA .8

12. Praveen kumar nagadesi, Tabitha.M (NMBY 05), Amrutha.YLS(NMBY 04),Susanthi.S (NMBY 12), students of department of botany (PG) presented a poster on “FUNGAL DIVERSITY OF ANDHRA PRADESH “ at THREE day international confrence on NEW APPROCHES IN AGRICULTURE FOOD & ENVIROLMENTAL SCIENCES (pulses for sustaniable development and food security) on 22 dec to 24 dec 2016 organized by The Departments of Botany, Microbiology & Biotechnology ANDHRA LOYOLA COLLEGE VIJAYAWADA .8

13. Praveen kumar nagadesi, U.Mounika(NMBY 02), P.Devipriya(NMBY 09),K.K.Shaniba(NMBY 13).students of department of botany (PG) presented a poster on MYCO-REMEDIATION OF PLASTIC IN URBAN AREAS OF INDIA at THREE day international seminar on NEW APPROCHES IN AGRICULTURE FOOD & ENVIROLMENTAL SCIENCES (pulses for sustaniable development and food security) on 22 dec to 24 dec 2016 organized by The Departments of Botany, Microbiology & Biotechnology ANDHRA LOYOLA COLLEGE VIJAYAWADA .8

14. G.Aravind(NMBY 08), B.Vinay(AMBY 12), M.Jeevan Sandeep(AMBY 16), K.Sankar.students of department of botany (PG) presented a poster on FEEDING THE WORLD TODAY AND TOMORROW:THE IMPORTANCE OF FOOD SCIENCE AND TECHNOLOGY at THREE day international seminar on NEW APPROCHES IN AGRICULTURE FOOD & ENVIROLMENTAL SCIENCES (pulses for sustaniable development and food security) on 22 dec to 24 dec 2016 organized by The Departments of Botany, Microbiology & Biotechnology ANDHRA LOYOLA COLLEGE VIJAYAWADA .8

15. G.Aravind(NMBY 08), B.Vinay(AMBY 12), M.Jeevan Sandeep(AMBY 16), K.Sankar.students of department of botany (PG) presented a poster on FEEDING THE WORLD TODAY AND TOMORROW:THE IMPORTANCE OF FOOD SCIENCE AND TECHNOLOGY at THREE day international seminar on NEW APPROCHES IN AGRICULTURE FOOD & ENVIROLMENTAL SCIENCES (pulses for sustaniable development and food security) on 22 dec to 24 dec 2016 organized by The Departments of Botany, Microbiology & Biotechnology ANDHRA LOYOLA COLLEGE VIJAYAWADA .8

16. Chinnappa.Ch, Shaniba.k.k (NMBY 13), Amrutha.YLS (NMBY 04), Prasanthi.M (NMBY 07),.students of department of botany (PG) presented a paper on AGROCHEMICAL

POLLUTION at at THREE day international seminar on NEW APPROCHES IN AGRICULTURE FOOD & ENVIROLMENTAL SCIENCES (pulses for sustaniable development and food security) on 22 dec to 24 dec 2016 organized by The Departments of Botany, Microbiology & Biotechnology ANDHRA LOYOLA COLLEGE VIJAYAWADA .8

17. Praveen Kumar Nagadesi, G. Aravind(AMBY 08), K. K. Shaniba(AMBY 13) and B. Kannamba. students of department of botany (PG) presented a paper on Collection, Identification, Phytochemical analysis of bioactive compounds in Ganoderma lucidum and Phellinus noxious at two days NATIONAL SEMINAR - "EMERGING TRENDS IN ENVIRONMENT & SUSTAINABLE DEVELOPMENT"organized by The Departments of Botany, Microbiology & Biotechnology ANDHRA LOYOLA COLLEGE VIJAYAWADA on 2nd & 3rd Sep, 2016.

18. M. Priyanka, M(NMBY 03), M prasanthi(NMBY 07), Y. L. S. Amurutha (NMBY 04), V. Gopika devi(NMBY 16), and Sr.P. Japamalai.students of department of botany (PG) presented a paper on Interesting Records of Butterflies from Kondapalli Reserved Forest, Andhra Pradesh, India.c. at two days NATIONAL SEMINAR - "EMERGING TRENDS IN ENVIRONMENT & SUSTAINABLE DEVELOPMENT"organized by The Departments of Botany, Microbiology & Biotechnology ANDHRA LOYOLA COLLEGE VIJAYAWADA on 2nd & 3rd Sep, 2016.

19. Praveen Kumar Nagadesi, G. Aravind(AMBY 08),), K.Sankar, B .Siva Kumari department of botany (PG) presented a paper on Interesting records of Lignicolous fungi From Mangrove forest of Krishna, Andhra Pradesh, India at two days NATIONAL SEMINAR - "EMERGING TRENDS IN ENVIRONMENT & SUSTAINABLE DEVELOPMENT"organized by The Departments of Botany, Microbiology & Biotechnology ANDHRA LOYOLA COLLEGE VIJAYAWADA on 2nd & 3rd Sep, 2016.

20. K.Sankar ,M.Gowthami,R.Naveena ,D.Kezia,V.Ludhiya, .students of department of botany (PG) presented a paper on PHYTOCHEMICAL SCREENING OF LEAVES SAMPLES FROM MEDICINAL PLANTS WIT ANTI DIABETIC POTENTIAL at two days NATIONAL SEMINAR - "EMERGING TRENDS IN ENVIRONMENT & SUSTAINABLE DEVELOPMENT"organized by The Departments of Botany, Microbiology & Biotechnology ANDHRA LOYOLA COLLEGE VIJAYAWADA on 2nd & 3rd Sep, 2016.

21. K.Sankar, Venkata mounika T(AMBY 10),, Bhagya lakshmi T(AMBY 14), Sai mounika(AMBY 13) students of department of botany (PG) presented a paper on PREPARATION GARBAGE ENZYME FROM KITCHEN WASTE AND ITS USE IN ORGANIC FORMING at two days NATIONAL SEMINAR - "EMERGING TRENDS IN ENVIRONMENT & SUSTAINABLE DEVELOPMENT"organized by The Departments of Botany, Microbiology & Biotechnology ANDHRA LOYOLA COLLEGE VIJAYAWADA on 2nd & 3rd Sep, 2016.

22. J.Klpana(AMBY 07),,T.Tejaswi(AMBY 15),K.Durga(AMBY 06),C.V.L.Kurana students of department of botany (PG) presented a paper on COLLECTION AND IDENTIFICATION OF ALGAE FROM KRISHNA RIVER, ANDHRA PRADESH,INDIA at two days NATIONAL SEMINAR - "EMERGING TRENDS IN ENVIRONMENT & SUSTAINABLE DEVELOPMENT"organized by The Departments of Botany, Microbiology & Biotechnology ANDHRA LOYOLA COLLEGE VIJAYAWADA on 2nd & 3rd Sep, 2016.

23. Ch.Ranga Naga Malika(AMBY 01),,,S.Swetha(AMBY 03),A.V.Gayathri(AMBY 11),J.Lasima students of department of botany (PG) presented a paper on ISOLATION AND IDENTIFICATION OF PESTICIDES DEGRADING MICRO ORGANISM FROM SOIL at two days NATIONAL SEMINAR - "EMERGING TRENDS IN ENVIRONMENT & SUSTAINABLE DEVELOPMENT"organized by The Departments of Botany, Microbiology & Biotechnology ANDHRA LOYOLA COLLEGE VIJAYAWADA on 2nd & 3rd Sep, 2016.

24. K.Sankar,G.Aravind(NMBY 08)M.JeevanSandeep(AMBY 16),

a. B.Vinay(AMBY 12),T.Tejaswi (AMBY 15)students of department of botany (PG) presented a paper on ANALYSIS OF SURFACE WATER QUALITY IN AND ARROUN THE VIJAYAWADA,ANDHRA PRADESH,INDIA at two days NATIONAL SEMINAR - "EMERGING TRENDS IN ENVIRONMENT & SUSTAINABLE DEVELOPMENT"organized

- by The Departments of Botany, Microbiology & Biotechnology ANDHRA LOYOLA COLLEGE VIJAYAWADA on 2nd & 3rd Sep, 2016.
- 25.** Ch.Chinnappa, Y.Subbareddy, K.Himana(NMBY11), U.Monika(NMBY 02), G.Jyothsna(NMBY 15), V.G.Devi (NMBY 09) students of department of botany (PG) presented a paper on DEFLUORIDATION OF DRINKING WATER BY MODERN TECHNOLOGIES at two days NATIONAL SEMINAR - "EMERGING TRENDS IN ENVIRONMENT & SUSTAINABLE DEVELOPMENT" organized by The Departments of Botany, Microbiology & Biotechnology ANDHRA LOYOLA COLLEGE VIJAYAWADA on 2nd & 3rd Sep, 2016.
- 26.** B.Shiva Kumari, P.I.Ravi Kumar, K.Sankar, N.Praveen Kumar. students of department of botany (PG) presented a paper on NANOTECHNOLOGY-ITS ROLE IN THE PROTECTION OF ENVIRONMENT. at two days NATIONAL SEMINAR - "EMERGING TRENDS IN ENVIRONMENT & SUSTAINABLE DEVELOPMENT" organized by The Departments of Botany, Microbiology & Biotechnology ANDHRA LOYOLA COLLEGE VIJAYAWADA on 2nd & 3rd Sep, 2016.
- 27.** Dr.Chinnappa, Ch, S.Susanthi(NMBY 12), M.Tabitha(NMBY 05), P.Devi Priya(NMBY 09), L Durga(NMBY 01), S.K Parveen. students of department of botany (PG) presented a paper on GROWTH RING STUDIES FROM JURASSIC SEQUENCES OF INDIA AND THEIR PALAEOCLIMATIC IMPLICATIONS. at two days NATIONAL SEMINAR - "EMERGING TRENDS IN ENVIRONMENT & SUSTAINABLE DEVELOPMENT" organized by The Departments of Botany, Microbiology & Biotechnology ANDHRA LOYOLA COLLEGE VIJAYAWADA on 2nd & 3rd Sep, 2016.
- 28.** Dr.Ch.Chinnappa, M.Tabitha(NMBY 05), Sk.Parveen Sultana(NMBY 06), Lakshmi Durga, Dr.J.Asha Kumari., students of department of botany (PG) presented a paper on ASSESSING THE CHANGING MANDROVE VEGETATION VIS-À-VIS ANTHROPOGENIC ACTIVITIES-A CASE STUDY FROM KRISHNA WILDLIFE SANCTUARY USING GEOSPATIAL DATA.. at two days NATIONAL SEMINAR - "EMERGING TRENDS IN ENVIRONMENT & SUSTAINABLE DEVELOPMENT" organized by The Departments of Botany, Microbiology & Biotechnology ANDHRA LOYOLA COLLEGE VIJAYAWADA on 2nd & 3rd Sep, 2016.
- 29.** Dr.J.Asha Kumari, S.Susanthi(NMBY 12), P.Devi Priya(NMBY 9), K.Sankar, Dr.Ch.Chinnappa. students of department of botany (PG) presented a paper on ASSESSING THE CHANGING IN MEDICINAL PLANT DIVERSITY AND ABUNDANCE IN THE KONDAPALLI FOREST AREA, EASTERN GHATS, INDIA. at two days NATIONAL SEMINAR - "EMERGING TRENDS IN ENVIRONMENT & SUSTAINABLE DEVELOPMENT" organized by The Departments of Botany, Microbiology & Biotechnology ANDHRA LOYOLA COLLEGE VIJAYAWADA on 2nd & 3rd Sep, 2016.
- 30.** S Nitish Nair (AMBA 12), K Chandra Venkatesh (AMBA 38), M Vinay Kumar (AMBA 11) and K Parixit (AMBA 43) presented papers at a one day national seminar on 'Rural Entrepreneurship' – Transforming the Face of Rural India conducted by Sacred Heart College, Tirupattur, Vellore District, Tamil Nadu and sponsored by Indian Council of Social Science Research (ICSSR) on 23rd September 2016.
- 31.** N Durga Pujitha (AMBA 32), Anindhya (AMBA 30), Sasi Chaitanya Sarma (AMBA 36), Syed Rafi (AMBA 42) presented papers on the government initiatives 'Jan Dhan', 'Swachh Bharat', 'Smart Cities', 'Digital India' and 'GST' in Pravachana 2016 (City level paper presentation contest for management students) organized by PG Department of Commerce and Business Administration, PB Siddhartha College of Arts & Science.
- 32.** AMBA students participated in 'Climathon 2K16' organized by 'Y Square' Business Incubator. The students came up with ideas from the three given themes of Agricultural waste reduction, Industrial waste reduction, and Traffic management.
- 33.** AMBA students participated in a two day national seminar on 'Ethical Issues of Geriatric Care in India' organized by the department of Ethics & Religion, ALC and sponsored by Indian Council of Philosophical Research, New Delhi.

34. AMBA students participated in the Er Y Sreeramulu 13th Endowment Lecture on ‘Andhra Pradesh – On way to prosperity’ organized by The Institution of Engineers (India) at A+ convention centre, Vijayawada on 12/11/2016. The Key Note speaker was Sri Satya Prakash Tucker, IAS , Chief Secretary to Govt. of Andhra Pradesh.

35. B Rajesh (AMBA 19) and T Prasanthi (AMBA 25) participated in MAGIS 2016, a catholic youth festival at St. Joseph’s College, Bangalore. They visited a facility for the mentally challenged people and a cemetery and cleaned, planted tree and painted the walls.

36. 35 AMBA students and 02 NMBA students participated in the ‘Digital Sena: Cashless Transactions’ campaign under the aegis of NSS Units, Andhra Loyola College on 06/01/2017

37. NMBA and AMBA students participated in ‘Samalochana’ on 07/01/2017 at the Vijayawada Book Festival. The Key Note Speaker was Dr Y V Reddy, former Governor of RBI and chairman of 14th finance commission. The topic was ‘Understanding Your Money’

38. AMBA students participated in ‘Samalochana’ an intellectual forum at Navyandhra Pusthaka Sambaralu organized by Department of Language & Culture – Govt. of AP, Vijayawada Book Festival Society, and NTR Trust at Vijayawada Book Festival on 04/01/2017. The Key Note speaker was Dr Duvvuri Subba Rao, the 22nd Governor of the RBI. The topic was ‘Role of RBI in the current situation’

39. Gopinadh (NMBA 03), Vishal Yadav (NMBA 12) and Ali Khan (NMBA 58) won first prize in ‘Market Makers’ and Chandra Venkatesh (AMBA 37), T Joseph Naveen (AMBA 41), S Rafi (AMBA 42) and Lalitha Sri (AMBA 54) won first prize in B-Quiz at Nirulotsav – 2K17 organised by Vignan Nirula Institute of Science and Technology, Guntur.

HOSTEL LIFE:

I am happy to inform one and all that a fourth Hostel was inaugurated on 29.09.2016 during this Academic Year. This Hostel for Girls has been named after Rev.Fr.T.A.Mathias,SJ, the founder Principal of our College. For construction of this Hostel the UGC Sanctioned Rs. 80,00,000/- in the year 2008 and the Management contributed more than Three Crores of rupees and completed the construction of this Hostel.

All our Four Hostels with a total student strength of 1214 have had their regular activities all along the Academic Year.

I thank all the Directors and the Mess Manager for rendering affectionate and formative service to the students by making their hostels a home away from home.

ANDHRA LOYOLA COLLEGE ALUMNI ASSOCIATION (ALCAA): ALCAA had its share of activities during this academic year.

The notable activities conducted by ALCAA in this Academic Year - Medical Camp for students of ALCAA School with the help of Doctors and Nurses from St Ann’s Hospital, Vijayawada on 22nd July 2016.

ALCAA School:

Activities of Andhra Loyola College Alumni Association (ALCAA) during 2016 -17

1. Catholic alumni leaders’ meet on 4th July 2016 to plan for the events to celebrate the Feast of St Ignatius of Loyola
2. Free distribution of stationery items to ALCAA School children on 7th July 2016
3. Medical camp for students of ALCAA School with the help of doctors and nurses from St Ann’s Hospital, Vijayawada on 22nd July 2016. The camp was inaugurated by Dr MC Das, the former Head of the Department of Commerce at Loyola. The entire programme was organised by the PG Dept of Physics of ALC. Students availed the facility of free medical check-up in Paediatrics and free medicines were distributed to them. Dr Mohan Prasad, Dr P

Ramesh, Mr Y Harish Chandra Prasad, Dr Pattabi Ramaiah, Mr K Sreedhar (CCE), Mr Rama Chandra Rao, Dr M Srinivasa Reddy, Professor of History, Mrs N Bharathi, Mrs M Seshu Latha, HOD of Physics Dept, ALCAA staff participated in the programme.

4. Catholic Alumni Meet at PG Seminar Hall on 28th July 2016 and Fr K Ravindra SJ gave them a recollection on 'Ignatian charism in the modern world'
 5. Drawing & Painting Competition for ALCAA School children organised by PG VISCOM students on 30th July as part of the Feast Day Celebration
 6. Blood Donation Camp on the Feast Day of St Ignatius of Loyola during which 50 students donated blood to the nearby Govt. Hospital
 7. Cash prize of Rs Twenty Thousand (Rs 20,000/-) to Ms K Kalyani, (M Sc (Physics – 2014 - 16 Batch), the most deserving PG student was given by Sri Harish Chandra Prasad, President, ALCAA on the Feast Day
 8. Executive Committee Meeting of ALCAA was held on 13th August 2016
 9. ALIET Alumni Meet by the Dept of ECE was organised on 14th August 2016 with Fr Rex Angelo SJ, Director of ALCAA as chief guest
 10. Province Co-ordinators' (PCAs) Meet at Mangalore on 20th August 2016
 11. Drawing & Painting Competition for school children from Vijayawada City on the historic occasion of the Canonisation of Mother Theresa at Fr Deviah Auditorium on 3rd September 2016
 12. Public procession from the College Auditorium to the Statue of Mother Theresa at Mogul Rajapuram by the alumni of ALC on 4th September 2016
 13. ALCAA Get-together & Reunion at Visakhapatnam on 23rd October 2016
 14. Distribution of uniform clothes to ALCAA School children by the Rotary Club of Vijayawada on 12th November 2016
 15. Children's Day celebration and fruits distribution to ALCAA School children by Vasavi Club, a service-oriented organisation on 14th November 2016
 16. South Zone General Council Meet at Dyana Ashram, Chennai on 18th December 2016
 17. Nostalgia Day celebration at St Patrick's High School, Secunderabad on 8th January 2017 with Fr Rex Angelo SJ as the Guest of Honour
 18. Registration of ALCAA EM School with the Dept of School Education in January 2017
 19. SYNERJAAI - 'Networking for empowerment', VIII National Congress of Federation of Jesuit Alumni Associations of India (JAAI) during 27 & 29 January 2017 at St. Xavier's School, Doranda, Ranchi
- ALCAA School, a free School meant for the poorest of poor, with Classes I to V, is staffed by seven committed and dedicated teachers and has a student strength of 120.

I thank Rev Fr P.Showri Raju, SJ and the Staff for their dedicated service.

EXTENSION ACTIVITIES:

ANDHRA LOYOLA ASSISTANCE FOR NEIGHBOURHOOD ADVANCEMENT (ALANA):

Our College's Extension Programmes Andhra Loyola Assistance for Neighbourhood Advancement (ALANA), Andhra Loyola Extension Service for Rural Transformation (ALERT), have been active conducting various programmes all along the Academic Year.

As part of our initiatives for the Year of Mercy (2016) declared by the first ever Jesuit Pope Francis, our College launched ALANA-MANNA programme to feed the Destitute in our vicinity as part of our Extension Programmes. Our DOVE (Delegates Of Value Education), volunteers go out every evening to feed and care for the abandoned people.

Equal Opportunities Cell (EOC) and Higher Education for Persons with Special Needs (HEPSN), the UGC-sponsored programmes are being implemented for their intended purpose, with a maximum benefit accruing to the targeted beneficiaries.

The N.G.C. and Women's Cell have conducted their regular activities all along the academic year.

STUDENT WELFARE SCHEMES:

Our Student Welfare Schemes viz. Subsidized Lunch Scheme and Free Egg and Milk Scheme for Girls continue to be implemented for the needy students. The benefit of Subsidized Lunch Scheme has been availed by 140 students, while the Free Egg and Milk Scheme has benefitted 70 anemic girl students this year.

MANAGEMENT FREESHIPS AND SCHOLARSHIPS:

185 students, including sportsmen and women, have got benefitted through the Management Freeships and Scholarships during this academic year to the tune of Rs. 18.35 Lakhs so far.

College Dispensary: Our College Dispensary continues to render effective free service to all our students and staff on all working days.

HIGHER EDUCATION FOR PERSONS WITH SPECIAL NEEDS (HEPSN) –

Dr. G. Sahaya Baskaran, Coordinator, HEPSN Higher Education for Persons with Special Needs (HEPSN) – a UGC sponsored project with a great amount of voluntary effort by the Management, Staff and Students of our College-employs new initiatives to provide a supportive environment for the academic growth of students with physically impairments.

As on today, there are 17 students with Visual Impairments and 23 students with Orthopedic Challenges, who are supported by this project in ALC. The voluntary services offered include: Computer training to the visually challenged students, Recording and supplying of audio format of notes given in the classrooms, Arranging of volunteers as scribes during examinations, and connecting the NGOs / Governmental Agencies with the visually challenged students, for obtaining all forms of support.

The ALC-HEPSN wing has MoUs with Help the Blind Foundation of Hong Kong, National Institute for the Empowerment of Persons with Visual Disabilities (Divyangjan- NIVH) and Bookshare, USA. The students of ALC are also benefitted by the programmes organized by Enable India, Bengaluru, A. P. Vikalangula Co-operative Corporation, Hyderabad, Samritha Trust, Hyderabad and CBM, Bangalore.

Dr. G. Sahaya Baskaran, Department of Physics, is coordinating the activities with the able support of a number of volunteers, both students and staff. The following are the activities of HEPSN during the year 2016-17.

ABU-ICEVI Seminar on Inclusion

Dr. G. Sahaya Baskaran, the Coordinator of HEPSN, has attended the National Seminar on 'Inclusion- make it happen' from the 11-13, March 2016, organized by Asian Blind Union (ABU) and International Council for Education of People with Visual Impairment (ICEVI), held at Ahmedabad. During this three days seminar he was exposed to various aspects of education for the persons with disabilities such as curricular design for inclusive Education, technological advances in assistive devices, advocacy techniques, and various schemes for PWDs, and livelihood options to PWDs. Really it was moving to see the hope of the achievers with vision disabilities such as the advocates in Supreme Court, Lord Colin Paul from London. The hope spread by the persons with both hearing and vision disabilities (Deaf-Blind) is inspiring. This seminar gave a direction and insights to serve the PWDs better. The experience to meet our alumni Moses Chowdary a visually challenged person and presently working for Enable India was also fulfilling. The travel and

registration expenses of Dr. G. Sahaya Baskaran were sponsored by Christofel Blinden Mission (CBM).

1. MOU with NIVH

An MOU has been made between the Director, National Institute for the Empowerment of Persons with Visual Disabilities (Divyangjan- NIVH) Dehradun, Uttarakand, and the Principal of our college during March 2016. Accordingly a Library Extension Counter for the Visually Challenged Persons is opened in Room No 1S1 of our College (Physics Lab). The NIVH has provided Braille books and audio CDs. The Visually Challenged persons in and around Vijayawada can become the members of this library and make use of the books and CDs. At present the library is managed by the student volunteers and the books are issued/returned on every Monday and Thursday between 03:30 to 04:30 PM

2. Career Workshop for Visually impaired

ALC-HEPSN in association with Madonna Resource Centre for the Persons with Disabilities at Gunadala, organised a Career Workshop for visually impaired on 8 & 9th April 2016 at Vijaya Mary Integrated School for the Blind, Carmel Nagar, Gunadala. The Resource Persons were Sri. Moses Chowdary, International Master Trainer of Enable India, Bangalore and Mr Naveen Kumar from the same organisation. The workshop focused on creating aspirations among visually impaired for corporate jobs, role of IT and Assistive Technology for the visually challenged and enabling visually impaired students to gain quality access in higher education. .

3. Computer Training to Hearing Challenged students

A summer camp on 'Basic Computer Skills' was conducted from 6-4-2016 to 13-4-2016 by HEPSN wing of ALC at Madonna High School for the Deaf. During the 30 hours of hands-on-training basic skills on computers was imparted to 23 students with Hearing impairments who are completing their SSC.

4. Computer Workshop for Students with Visual Impairments

A three-week long, Computer Workshop for the visually challenged persons was organised by HEPSN unit of ALC in collaboration with Enable India, Bangalore from 22-6-2016 to 9-7-2016. The training programme focused on accessing keyboard through NVDA software and the participants were trained in MS office tools. The workshop was inaugurated by Sri Narayana Rao, the Assistant Director, Krishna District, Dept of Differently abled, Govt of A.P on 22nd June 2016. Principal Rev. Fr. Dr. G.A.P. Kishore was highly appreciative on the role of HEPSN in providing an inclusive culture at ALC and appreciated the volunteers for their selfless services. Vice Principal (PG), Rev.Fr. Dr. Rex Angelo, Vice-Principal (Degree), Rev. Fr. Fr.S.Melchior, Vice-Principal (Inter) Fr.Ch.Vana Chinnappa graced the occasion.

Two trainers with visual impairments Mr. Naveen Kumar and Siva Sankar were the resources persons. Mr. Naveen has told that the technology has enabled visually challenged persons like him to lead a normal life. Ms. Suvarchala a visually challenged student proposed the vote of thanks and participation certificates were presented to Students as well as volunteers who supported this project during the valedictory held on 9th July. The whole programme was anchored and conducted by the visually challenged students of ALC. Vice Principals, Fr. Melchior, Dr. G. Sambasiva Rao, Dean of Students activities Dr. Syam Sunder, Dr. Prasad, the librarian and other faculty members participated.

5. Cricket Match for Visually Challenged Students

In order to boost the morale as well to provide an entertainment, Cricket matches for the Visually Challenged Students of ALC were organised in July – September, during Sundays. It was a learning experience to the audience and volunteers. The visually challenged players could strike, catch, and roll the ball solely based on the crackling sounds made from the pebbles inside the plastic ball.

6. Abilities of the Visually Challenged - Awareness Meet at Loyola

HEPSN organised a programme to show cause the ‘Abilities of the Visually Challenged’ on 15th September 2016. The Key note Speaker, N. Victor David Dinakaran, Lecturer in English, KBN College as well as a Visually Challenged achiever said “With the advancement in Technology, there is actually no difference between an enabled person and disabled person; it’s all in the way we do differs. For example you read books, where us we listen to Computers reading the books for us; You see and understand the world whereas we listen to various sounds and perceive things”. His wife, Mrs Sujatha, a Post graduate in Economics and their one year old daughter Twinkle were also invited to this function to put forward a positive message to the society. Visually Challenged Students of ALC, S. Srikanth Reddy, K.N.V.S.S.Pavan, P. Saivinayak and T. Suvarchala shared their experiences on ‘ How do they perceive the world, Play and Study using Braille as well as Computers.

7. Help the blind foundation scholarship distribution

Help the Blind Foundation, based at Hong Kong, provided scholarships to the tune of Rs. 2,75,000/- to the 17 visually challenged students of our college this year, as a fourth consecutive year. The breakup includes: Rs 25,000/- each to 9 hostellers; Rs 10,000/- each to 2 girl-day scholars and Rs 5000/- each to 6 boy-days scholars. The first instalment of the scholarships was distributed over the function held on 15th September.

The foundation is willing to help many more students form Andhra Pradesh and pursuing Higher Education. It is advised that the students with visually impairments may contact the HEPSN coordinator Dr.G.Sahaya Baskaran who himself is identified as a volunteer by the foundation. He has attended the foundation meetings held at Loyola College, Chennai on 6th February 2016 and 27th November 2016. The steep hike in the number of enrolment of students with visual impairments in ALC, during this year is greatly due to this Scholarship scheme and HEPSN thank the Help the Blind Foundation for their contributions.

8. State Level Sports Meet for the Persons with Disabilities

The Dept of Welfare of Disabled, Govt of Andhra Pradesh, organised the State level Sports Meet for the Persons with Disabilities in Our College Grounds, in collaboration with HEPSN from 30-11-2016 to 02-12-2016.

During this State level sports meet for the persons with disabilities, the following events were conducted. 100 m Race for Partially Blind, 50 M race for totally blind, Long jump for partially blind, Standing jump for totally blind, Cricket match for blind, Shot put for totally Blind, Javelin throw, cricket for Orthopedically handicapped, Discuss throw for OH were held. The events for Deaf and Dumb are : 100 m race, 200 m Race, Javelin throw, Carom board, Shot put and so on. During volley ball match, the Hearing Challenged persons the players used signs to exhibit their strategies where as the intelligent moves made by these persons are in no way inferior to the chess played by normal players.

The services offered by our HEPSEN volunteers to conduct the sports meet were well appreciated by the Government officials and the sportsmen.

9. Pratibha Award to Ms. Suvarchala

One of our Students in HEPSN Project, Ms. Suvarchala of First year B.A (AET), a Visually Challenged girl, received Pratibha Award for scoring the highest marks in the State of A.P, in Intermediate- HEC group. She has studied Intermediate from our College.

She was also presented with an Angel Reader from the Honourable CM, Sri. Chandra Babu Naidu, garu, on 3-12-2016, during the World Disabled Day Celebrations held at Vijayawada.

10. Collaboration with LV Prasad Eye Institute

All the visually challenged students of Loyola along with the volunteers visited LV Prasad Eye Hospital on 07-09-2016. The Visually Challenged Students had their eyes examined and became the users of LV Prasad Audio library. The volunteers rendered their voice to convert the printed books into audio files.

The trainer from LV Prasad Eye hospital Ms. Adhi Lakshmi offered a month long training (part time) on mobility to the visually challenged students of Loyola. The training include using of canes for walking, identifying the currency, using the needle for stitching. Such a training helped visually challenged students gain confidence and lead a normal life.

11. Motivation lectures to the visually challenged students and parents

Dr.G. Sahaya Baskaran presented five lectures to the Visually, Hearing Challenged Students and their parents this year (June to December 2016) at Madonna College for the deaf and Vijaya Mary integrated school for the blind on topics such as ‘How to be successful in Examinations’, ‘Assistive devices for the hearing challenged’ and ‘Understanding Disabilities’.

12. UGC Sponsored National Seminar -COPCP17

The HEPSN and NSS wings of Andhra Loyola College organisd an UGC Sponsored National Seminar on ‘Challenges and Opportunities for the Physically Challenged Persons’ (COPCP17) in our College during January 4 & 5, 2017. This Seminar was organised in collaboration with Community Social Responsibility wing of Acharya Nagarjuna University.

The objectives of the National seminar is to promote collaboration between the NGOs working for the disabled; the persons with disabilities (PWD) and their parents; the Persons with disabilities aware of the opportunities available and motivated to pursue their studies confidently; the special Educators and B.Ed Students are updated with inclusive education; the Students of U.G. and P.G are aware of the carrier options in disability services and management and pursue relevant courses; general public are sensitized towards the abilities of persons with disabilities and treat them with respect and dignity, not by sympathy.

The composition of the persons attended the seminar are :

Students/ Persons with Hearing Challenges	60
Students/ Persons with Visual impairments	42
Students/ Persons with orthopaedic challenges	12
Research scholars from Social Work/ Education	16
Professors from Universities/ Colleges including organising team	32
Students of B.Ed Colleges/ Special Education	9
Students from Degree/PG colleges &Volunteers	32
Resource Persons including 5 persons with Visual impairments	10
NGOs / representatives of NGOs	11

Principals / Special Teachers / Correspondents of Special schools	19
Parents of PWDs	10
TOTAL	253

Thanks to the Support of CBM, Bangalore all the Persons with disabilities, and their parents were given free registrations. The support was received through Madonna Comprehensive Resource Centre for PWDs, sponsored by CBM. All the Volunteers of the Seminar wore the T-shirts provided by CBM that added a professional look. The role of volunteers in guiding the PWDs was appreciated, especially by the visually challenged participants and resource persons.

There were 10 invited talks; 7 oral presentations; 5 poster presentations. The Profiles of 8 organisations and 2 case studies were shared in the proceedings of the seminar. The list of invited speakers is: Sri. Moses Chowdary Gorrepati, Enable India, Bangalore; Mrs. Anita Claudia Alexander, CBM, Bangalore; Prof. N. Annavaram, HCU, Hyderabad; Sri. Tapan Kumar Das, Youth4 Jobs, Hyderabad; Dr. Saraswati Raju Iyer, Acharya Nagarjuna University ; Sri. Akkiseti Sreenivasulu, UCO Bank, Vijayawada; Dr. T. Krishna Kumari, Cheyutha Foundation, Vijayawada; Prof. V. Rajasekhar, EFLU, Hyderabad; Sri. N. Victor David Dinakaran, KBN College, Vijayawada.

Inaugural Function was held on 4-1-2017 by 9.45 A.M. Sri. Moses Chowdary of Enable India, Bangalore was the Chief Guest. He himself a visually challenged achiever and an old student of Andhra Loyola College, said that no physical deformity should hinder a person's curiosity to learn, and should work hard to bring out the hidden potentials of oneself.

The Guest of Honor, Mrs Anita Claudia Alexander the Programme officer from CBM Bangalore said that, taking the magnitude of the problems faced by the physically challenged persons, we need to provide an inclusive environment to accept the persons with love and respect. Every aspect of life should be adoptable, and meeting the needs of the persons with disabilities. The souvenir with 30 research articles and 8 profiles of NGOs and 2 case studies was released. The Principal Fr. Dr.G.A.P.Kishore, the correspondent Fr. S. Raju, Vice Principals Fr Rex Angelo, Fr Cinnappa, Co Convener Dr Saraswati Raju Iyer of ANU, Convener Dr Sahaya Baskaran Participated.

Technical sessions: Prof Annavaram of Hyderabad Central University who is also a visually challenged Professor, traced the legal aspects of persons with disability act 1995 and 2016. The legal provisions are enabling but need to ensure proper implementations of the rights of the persons, he said. Dr Saraswati Raju Iyer, of Sociology Dept of Acharya Nagarjuna university, Dr K Veeraiah of Dept of Zoology of ANU, Dr Raja Sekar of EFLU, Hyderabad, Dr Nagaraj of HCU, Dr Adam Paul from Haryana expressed their views and motivated the audience.

On the second day Dr Krishna Kumari, Cheyutha Foundation, Dr T Sri kumar from ALC, Dr Rajasekhar from EFLU Hyderabad, Mrs Anita Alexander from CBM Bangalore and visually challenged bank employees, inspired the participants. The EC member of ANU Dr Dr. K. Venkata Rao, Dr.M.Suresh Kumar, Associate Professor, Dept. of English, Acharya Nagarjuna University , Dr. Sr. Amalorpava Mary, Director, Madonna Comprehensive Resource Centre, Gunadala Chaired the technical sessions.

The teachers of Madonna College for the deaf provided sign language facility to the Hearing challenged audience.

The Valedictory was held on 5-1-2017 by 4.00 p.m . Prof Annavaram of Hyderabad Central University as well as a visually challenged achiever was the chief guest . The Guest of Honour Dr Adam Paul from Maulana Azad National Urdu University, Haryana as well a NAAC peer team member, said that, disability as such is a FEAR- False Evidence Appearing as Real. We are all born to achieve. No one is really disable and hence PWDs should go ahead no with full energy and achieve. N. Akhil Ram and MS. Asia received best poster Awards. The Principals, Students and Staff of Madonna Institutions, Helping hands institutions, Dr Saraswati Iyer, Co Convener, Rector Fr Ravi Sekhar, Vice Principals Fr Melchior, Dr G Sambasiva Rao, Members of the organising committee, Convener Dr Sahaya Baskaran participated

The media coverage was excellent. It has created an awareness on the abilities of the PWDs, among the public. There were news items on all major news papers such as The Hindu, Hans India, Deccan Chronicle, Eenadu, Andhra Jyothi and Saakshi.

Credits:

We thank all the Resource Persons, Delegates, Participants, Collaborators of this UGC National Seminar viz., Centre for Community Social Responsibility, Acharya Nagarjuna University, CBM Bangalore through Madonna Comprehensive Resource Centre for PWDs, Village Reconstruction Organisation (VRO), Enable India Bangalore, Sreedhar's CCE and the Department of Differently Aabled welfare and Senior Citizens - Govt of A.P, for all their support. We thank the Jesuit members of our Management, colleagues in organising committee, NSS wings of ALC, Student volunteers of ALC for taking the mission of service into next level. Together let us continue to strive hard to make our society, inclusive.

Blog : The Photos of the seminar and News paper clips are shared through the blog www.copcp17.blogspot.in

Publication : The papers presented in this seminar are going to be published in International Journal of Education For The Future (IJEF) with ISSN : 2394-9902.

PARTICIPATION IN SPORTS AND GAMES:

Achievements:

1. The Department of Physical Education made a **record** in the Krishna University Inter Collegiate Athletics Championship 2016-17. Our College won the Overall Championship with 82 points for the third time consecutively.
2. In the KRUIC Boxing Championship our college won the overall championship with 4 Gold Medals and 2 Silver Medals.
3. The Department of Physical Education **won a record of Six Krishna University Inter-collegiate Championships**, viz in Athletics (Men & Women), Hand Ball (Women), Table Tennis (Men), Football (Men), Chess (Men) and Boxing during this academic year.
4. Our Intermediate Volleyball-Men, Kabaddi Men and Women teams participated in the Eenadu Championship. The Intermediate Volleyball

Men team has won the first place at the district level, Zonal level and second place at the AP state level.

University Representation:

It is a matter of joy that **36 students of our College**, the single largest contingent from any College under Krishna University, have been **selected to represent Krishna University** in the South Zone and All India Inter University tournaments this year.

Individual Achievements:

1. **A Ashlesh Kumar and B. John Victor (Jr.Inter)** are two of the team members of **Indian Biathle Team**. The team participated in the World Championship-2016 held from 16th to 18th December, 2016 at Mianmar Beach, Goa.
 2. **Thomas Nishant (DO 01)** participated in the Senior Nationals, Youth Nationals and Federation Cup in Volleyball.
 3. **Ch. Bhanu Chandar (NO-29)** participated in Junior, Senior Nationals in Pissa Pallo held at Uttar Pradesh and Kerala States respectively and will represent the Indian Team in the International Competition to be held at Finland.
 4. **Sharuk Akram (NBA-45)** participated in all the National ranking tournaments in Table Tennis in the North, Central, West, South and East Zones representing the State of Andhra Pradesh.
 5. **S. A. Muzzammil Ahamed (AEC-08)** participated in the Table Tennis National Ranking Tournament in the South and Central Zone representing the state of Andhra Pradesh.
 6. **Pradeep (TA-107)** is selected to represent Andhra Pradesh Team in the SGFI Under 19 Table Tennis Nationals.
 7. **Vinay Kumar RMC-97** is selected to represent Andhra Pradesh Volleyball Team at the Junior Nationals.
 8. **K. Jayanth Bushan (RM-78)** is selected to represent Andhra Pradesh Team in the SGFI Under 19 Soft Ball Nationals.
 9. **Sai Kiran (TM-09)** is selected to represent Andhra Pradesh Team in the SGFI Under 19 Lawn Tennis Nationals.
 10. **Rakesh (TMC-93)** participated in the Kabaddi Nationals organized by the Students Olympic Association held in Gujarat.
 11. **N. Manisha (AO 32)** secured 6 Gold, 2 Silver and one Bronze Medals at various State level Handball Tournaments. She also represented the State of Andhra Pradesh in 4 Nationals.
- I place on record here our sincere appreciation to Sri J.V.Nagendra Prasad, Physical Education Director, for accompanying our students creditably in this regard and for successfully organizing the Sports Day on 17th December 2016.

JAWAHAR KNOWLEDGE CENTRE (JKC) :

Education makes a student eligible to apply for a job, but to be successful in the role one requires to exhibit a mix of skills; one such skill is 'employability skills'. To make the student acquire the skills, JKC has put forth the task of enhancing the student's ability and skills through the training classes. Students come from different social background, with different capacities, and intellectual abilities aspiring to get a good job in this competitive world. To full fill the ambition of the students who come from different horizons JKC offers an intended itinerary to train the students in the requisite areas for job employability. As a part of it the students are given training in communication skills, interpersonal skills, soft skills, interview skills to fulfill the job nuts and bolts.

Communication skills are essential for the successful future career of a student. In today's competitive world, communication skill is the need of the hour for anyone to be placed in a job. Reading, speaking, writing and listening carefully are the three most important communication skills

that are concentrated much in the JKC classes. As a preparatory step the students are asked to read the newspapers aloud daily, to enhance their reading ability with much focus on the speech patterns such as the pronunciation, stress, accent and so on.

Listening skills are also an important skill which a student should possess to acquire knowledge and to respond to the queries. So, the students are asked to listen to different presentations, watch video on you tube on different activities to develop their concentration. They are also taught on how to give undivided attention to a person with whom a conversation is taking place. The students develop the ability to communicate both verbally and non verbally with a wide variety of people, maintain good eye contact, write clearly and succinctly, use varied vocabulary in speaking in the class.

Interpersonal skills are the skills we use to interact with other people. Good interpersonal skills allow a person to survive in any new environment. So Students are provided ample opportunities to exhibit and develop their skills, by giving them situations and making them do role plays on it before the class.

Presenting information clearly and effectively is a key skill that is required in the work place and presentation skills are required in almost every modern employment area. So, as a part of it JKC conducts JAM sessions for the students to develop their presentation skills and self confidence. Mock interviews are conducted for the students where they will be posed sample interview question to reduce their fear of interview and face it with utmost confidence.

Leadership is the ability to influence others toward the achievement of a goal. Leaders either have, or are perceived to have, strong self-confidence. So to enhance this skill in the students JKC organizes mock group discussion, where the students participate as team players, showing their potential as a leader in the group by coordinating and organizing the group in discussions. Here the students show social skills by respecting the thoughts, opinions and ideas of others - they gain the respect of others and aim for credibility. In addition to this, students also learn how to deal with telephone conversations in an appropriate manner, how to write a job application and a resume, how to express their opinion or ask questions in a modest way are also being taught to the students.

To make the students to design their future career JKC has invited the final year students to attend a briefing session where the course training programme details have been brought into light before the students. Around 250 students appeared for the screening test on 29th June 2016, out of which 133 students were selected. Classes commenced on 7th July 2016 and specimen copies of the materials were distributed to the students on the same day.

Special talk:

A talk on '*Employability skills and interview Etiquette*' was given by K. Sridhar, JKC training and placement officer, P.B.Siddhartha Arts & Science College, Vijayawada, on 7th Sept 2016.

Recruitments:

Students appeared for interview in different Multinational companies in off campus drive and proved themselves.

- i) On 27th July 2016 HCL Technologies conducted interview at KBN College, Vijayawada and our students got selected in it.
- ii) Apex, Pakatj solutions, Agies Ltd, conducted a campus drive at S.R.R& C.V.R Government degree College, Vijayawada, on 20th Nov 2016 and our students got selected in it.

- iii) On 7th Dec 2016 Hinduja Global, Canara Bank call center, Vertex companies conducted a drive at Paladugu Parvathi Devi college of Engineering and Technology and our students got selected.
- iv) People Tech Group conducted interview at P.B.Siddhartha Arts & Science College, Vijayawada on 16th Dec 2016 and our students got selected in it.
- v) Infosys company selected a final year student named Shaik Naira Sameen in the off campus drive conducted at Tenali.

S.No.	Name of the Company	Date	Place	No. of Students recruited
1	HCL Technologies	27-07-2016	KBN College, Vijayawada	16
2	Apex, Pakatj solutions, Agies Ltd	20-11-2016	S.R.R& C.V.R Government degree College, Vijayawada	28
3	Infosys	06-12-2016	ASN degree college, Tenali	1
4	Hinduja Global, Canara Bank call center, Vertex	07-12-2016	Paladugu Parvathi Devi college of Engineering and Technology, Vijayawada	30
5	People Tech Group	16-12-2016	P.B.Siddhartha Arts & Science College, Vijayawada	22
6	VEE Technologies, Chennai	21-12-2016	K.L.University	3

Placements:

MBA

Placements (2014-2016 batch)

S. No	Name of the student	Name of the company
1	Nur Basha	Cognizant (B&FS)
2	Y Harika	Cognizant (B&FS)
3	A Venkatadri	Cognizant (B&FS)
4	Jerin Jose	Cognizant (B&FS)
5	Ramya	Wells Fargo (Operations)
6	Chandrika	ICICI Bank
7	Anusha	HDFC Life
8	Greeshma	HDFC Life
9	Tasneem	Navata Transport
10	Harish	Artistics Forum Pvt Ltd
11	K Prasad	Idea Telecom
12	Jayalakshmi	Aloke Business Corporation
13	G Sindhura	E-zone Security India Pvt Ltd
14	P Hema	E-zone Security India Pvt Ltd

PG Mathematics

Placements (2014-2016 batch)

S. No	Name of the student	Name of the institute
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1	N. Neelima	Chaitanya Techno
2	T. Sukanya	Chaitanya Techno
3	B. Jismii	Nalanda
4	P. Jashuva	Nalanda
5	K. Ratna babu	Nalanda