6.2 - Strategy Development and Deployment

As a part of Strategic plan Andhra Loyola College focused on various qualitative aspects to attain academic excellence, spirit and growth, social commitment and value based leadership, Placement to students, research, infrastructure, campus enhancement etc. It also took up the mission 'Go Green'. It focused to attain the goal of sustainability by conservating the resources available in that vast campus it possess.

Policies related to strategic plan are designed from the grassroot level involving Students, parents, Stakeholders, Alumni, Industrialist, educationalist. Finally the Academic council after an elaborative discussions frames the policies in accordance with the received ideas and are implemented by various committees monitored by principal.

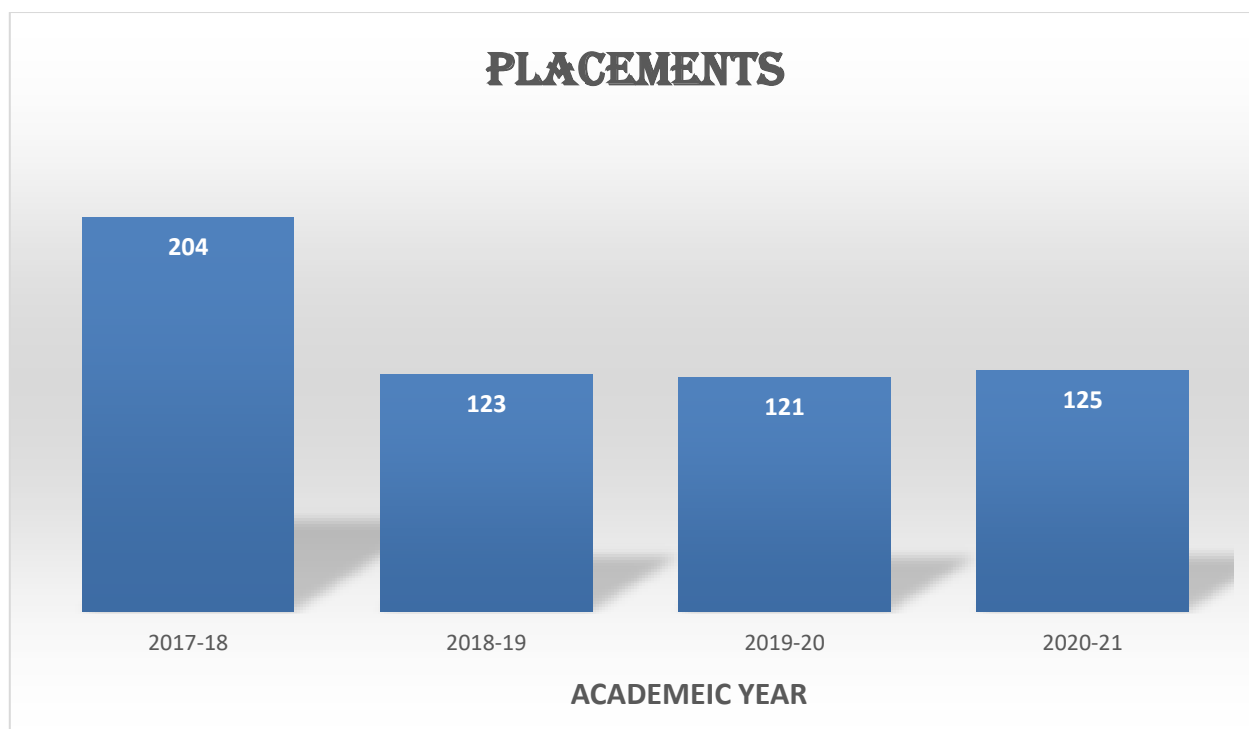**Emphasis on Strategic Plan**

- To increase the students Placements in reputed companies.

- Offering value based and need based education

- Incorporating ICT tools in teaching learning process

- To Promote effective and quality research on the campus

- Maximum utilization of the available resources with in the campus

- To go for Water Conversation and attain sustainability.

- To make the campus zero waste zone

ACTIVITIES DEPLOYED

- ## PLACEMENTS

Through JKC (Jawahar Knowledge Centre) students are rigorously trained in Communication Skills, Technical Skills, Analytical Skills, Soft Skills etc by well experienced faculty to face the Placement drives. This resulted in enhancing the placements year after year. Students were placed in reputed Corporate Companies like TCS, Cognizant, Capgemini, Accenture, Wipro, Tech Mahindra, MRF, Infosys, TCS-BPS, HCL, ITC, Aurobindo Pharma, Matrix, Laures, Amogen Pharma Pvt. Ltd., in the Campus Recruitment Drives

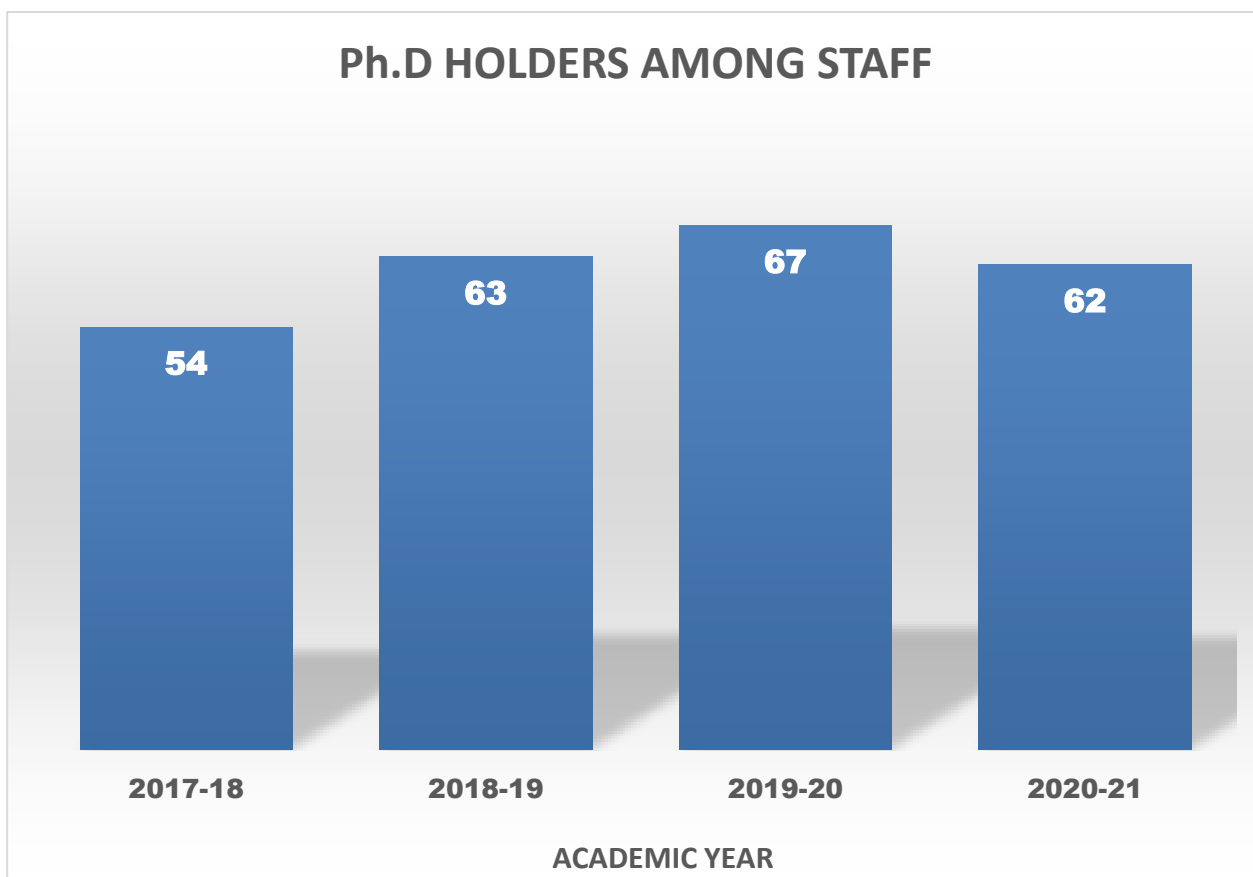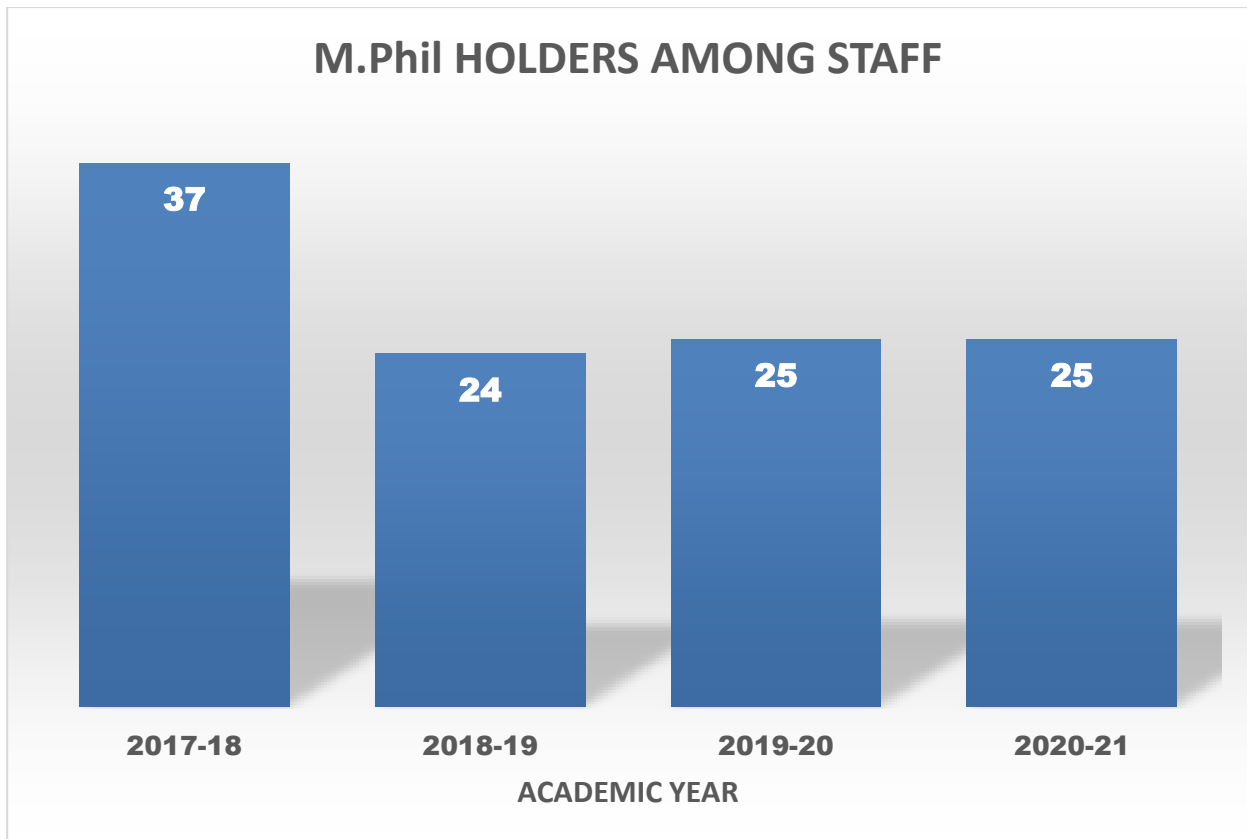| Academic Year	Total Number of Students Placed
2020-21	125
2019-20	121
2018-19	123
2017-18	204

PLACEMENTS

- ## **RESEARCH**

Andhra Loyola College has been **certified as an ISO 9001:2015 Institution** under the scope of certification "Providing Quality Education" for a period of three years from 2019 to 2022.

Research and extension are the backbone of any academic institution of Higher Education and more so to the Autonomous College. Five Departments in the college are recognized as research centres. The total number of Ph.D. holders and M. Phil. Holders enhanced year after year. 35 Doctoral degrees, 88 M. Phil Degrees have been awarded under the supervision of the college faculty. During last 5 years, the faculty members have published nearly 600 research articles in various indexed National and International Journals.

Academic Year	Ph.D Holders among staff	M.Phill Holders among staff
2020-21	62	25
2019-20	67	25
2018-19	63	24
2017-18	54	37

Ph.D HOLDERS AMONG STAFF

	2017-18	2018-19	2019-20	2020-21
	54	63	67	62

ACADEMIC YEAR

M.Phil HOLDERS AMONG STAFF

Academic Year	M.Phil Holders
2017-18	37
2018-19	24
2019-20	25
2020-21	25

ACADEMIC YEAR

- **INTRODUCTION OF NEW U.G. AND P.G. COURSES:**
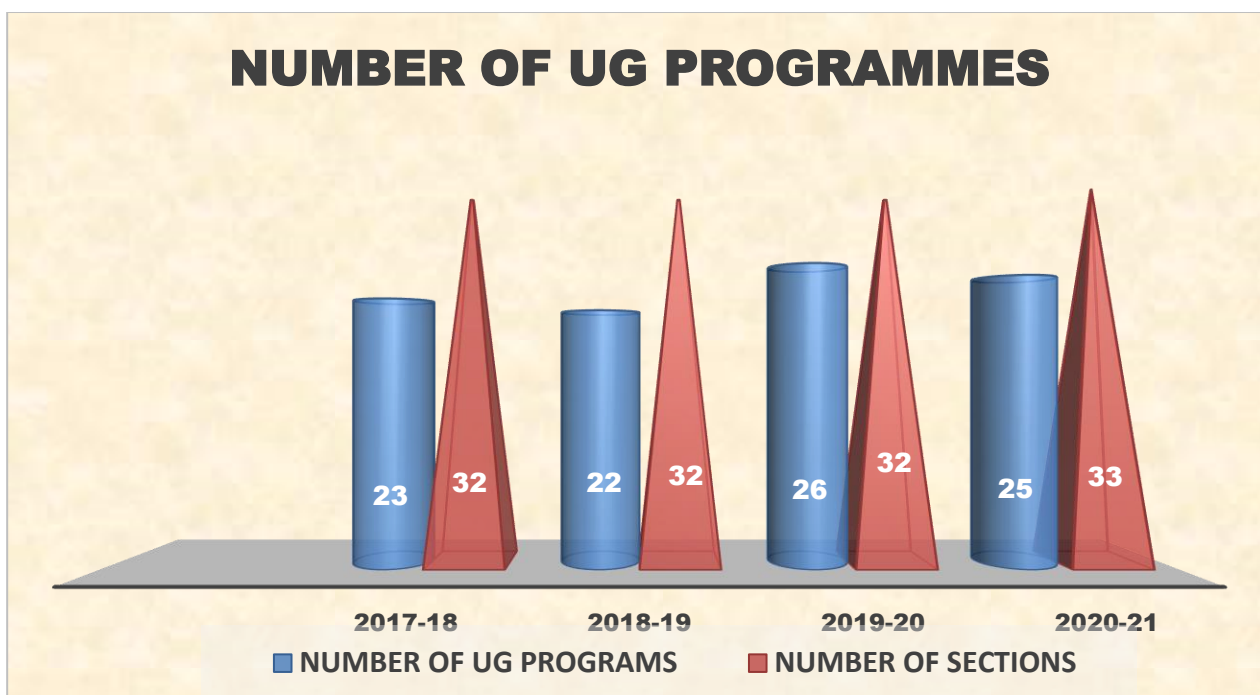
Four new Undergraduate Courses viz.

(1) B.Sc. Mathematics, Statistics and Computer Science (Big Data Analytics);

(2) B.Sc. Mathematics, Statistics and Computer Science (Artificial Intelligence);

(3) B.Sc.,Agriculture and Rural Management;

(4) Bachelor of Management Studies (BMS) in e-Commerce Operations,

The last one being a collaborative Programme with Logistics Sector Skill Council, MHRD, Govt. of India, were started in the current academic year 2020-2021.

With this, the total number of UG Programmes offered at present stand at 25 with 33 sections, while that of Intermediate and PG Courses stand at five and six respectively.

	Intermediate (E.M.)		B.Com., (E.M.)
1	Maths, Physics, Chemistry	20	B.Com. General
2	Botany, Zoology, Physics & Chemistry	21	B.Com. Computers
3	Commerce, Economics & Civics	22	B.Com. Professional
4	Maths, Economics & Commerce	23	B.B.A. (Bachelor of Business Administration)
5	History, Economics & Civics (TM)	24	B.B.A. Aviation Management
	Undergraduate Courses	25	B.B.A. Logistics Management
	B.A., (E.M.)		
1	Economics, Politics & History		**Post Graduation(E.M.)**
2	Economics, Tel. Literature & History (TM)	25	MCA
3	Eng. Literature, Politics & History	26	MBA
4	Maths, Statistics & Economics	27	M.Sc. Maths
		28	M.Sc. Physics
	B.Sc., (E.M.)	29	M.Sc. Chemistry
5	Chemistry, Maths& Physics	30	M.Sc. Botany
6	Maths, Statistics & Physics		
7	Botany, Zoology & Chemistry		
8	Zoology, Botany, & Chemistry		
9	Biotechnology, Microbiology & Chemistry		
10	Comp. Science, Maths& Physics		
11	Maths, Statistics &Comp.Science		
12	Maths, Electronics &Comp.Science		
13	Visual Communication, Electronics &Comp.Science		
14	Food Tech., Microbiology & Chemistry		
15.	Electronics Technology		
16	Hospitality and Hotel Administration		
17	Maths, Statistics, Comp. Science with Big Data Analytics		
18	Maths, Statistics, Comp. Science with Artificial Intelligence		
	UGC B. Voc.Programmes (E.M.)		
19	Paramedical & Hospital Administration		

ACADEMIC YEAR	NUMBER OF UG PROGRAMS	NUMBER OF SECTIONS
2020-21	25	33
2019-20	26	32
2018-19	22	32
2017-18	23	32

OPTIMUM UTILIZATION OF RESOURCES

I.   **ELECTRICITY:** To reduce the expenditure on electricity and to make the campus environmental friendly following were instituted

  ➢ Rooftop Solar panels are installed for solar power generation
  ➢ LED bulbs are used in various places in the college for achieving proper lightings
  ➢ LED street lights are installed in the walkways
  ➢ The CFL fittings with higher rating wattage are replaced with LED fittings with lower wattage with the same luminous level in street lights and other possible areas of the campus.

Solar Panels

LED BULBS USAGE ON THE CAMPUS

II. **WATER:** A strategic plan is adopted for Water Conversation and attain sustainability.

  ➢ RO plants are installed in all the floors main building and hostels. The purified water from the RO plants are used for drinking purpose.

  ➢ An initiative to install Rooftop-Rain Water Harvesting Structure. The collected rain water is directed in the percolation pits located at feasible points inside the campus to recharge the ground water.

  ➢ The rain water harvesting sumps has a provision of collecting almost 80% of the rainfall.

III. **WASTE MANAGEMENT:** To make the campus zero waste zone waste management is initiated

- The biodegradable and non-biodegradable waste is collected separately in colour code garbage bins.
- The institution observes NO PLASTIC policy for all stakeholders.
- Dry waste is given for recycling. MoU with Suraj Krishna Greenaries an authorized agency of ITC is in function for disposal of dry waste.
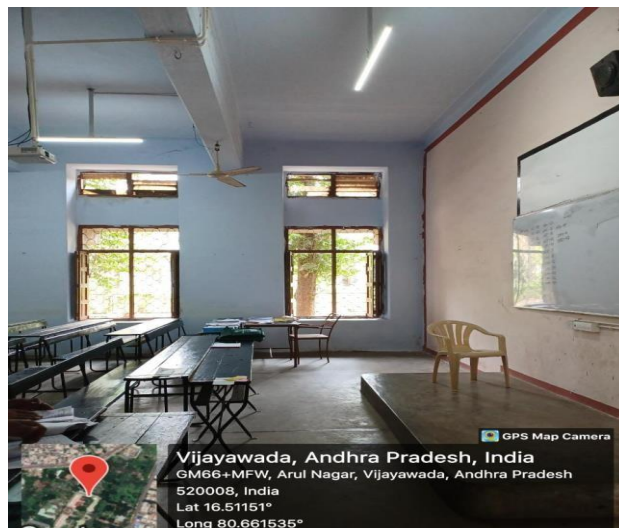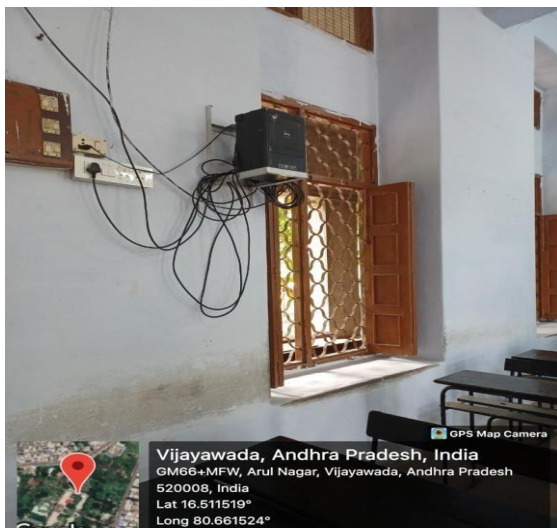- The administrative office is digitized to reduce usage of paper.

ENHANCING INFRASTRUCTURE IN CLASS ROOMS

In order to enhance the teaching learning strategy and to give the best academic experience to students its planned to

- ➢ Replace black boards in all the class rooms with glass boards.
- ➢ To install AV projects in all the class rooms
- ➢ Wifi access throughout the campus
- ➢ Additional seminar halls for students to conduct various activities
- ➢ Increasing computers in Labs
- ➢ Installing AV cabinets to monitor all the accessories need to operate it.
- ➢ Visual Labs

CAMPUS ENRICHMENT

As ALC is one of the oldest college in Andhra Pradesh, it planned to bring out certain campus improvements and renovations.

- ➢ Ramps were constructed for Visually Challenged students
- ➢ Renovation of Administrative block
- ➢ Academic Council hall upgradation
- ➢ Parking area enhancement for both two and four wheelers

- Beautification of campus
- Hoarding
- Renovating dispensary