



# LOYOLA ACADEMY

(DEGREE & PG COLLEGE)

OLD ALWAL, SECUNDERABAD - 500 010, TELANGANA, INDIA

(Autonomous and Affiliated to Osmania University)

Re-accredited with 'A' Grade (III Cycle) by NAAC

A "College with Potential for Excellence" by UGC

www.loyolaacademyugpg.ac.in Ph: 040-27862363/27860077 Fax: 040-27867939



## INSTITUTION'S INNOVATION COUNCIL

### ANNUAL REPORT 2021-22

Loyola Academy (LA) is managed and administered by members of the Society of Jesus from the "Jesuit Province Society-Hyderabad," which encompasses both the states of Telangana and Andhra Pradesh. In recognition of the achievements and quality pursuit of higher educational needs, the UGC awarded LA the rare status of "COLLEGE with POTENTIAL for EXCELLENCE" (CPE) in 2008 and extended CPE phase II projects in 2015. Furthermore, the National Assessment and Accreditation Council (NAAC) continuously accredited Loyola Academy with a "A grade" for three cycles, namely 2005, 2011 and 2019, and also granted an extension of autonomous status for another five years in recognition of its excellent contribution to the cause of higher education.

Loyola Academy has registered for the Institutions Innovation Council in August 2022, but the college is always focusing on IPRs training, bringing young and dynamic entrepreneurs by training them with the assistance of industry and academic experts. Students were also encouraged to start their own businesses at college.

Loyola Academy's Innovation council aims to foster innovation by creating an eco-system on our campus, as well as by identifying, mentoring, and nurturing students who have the potential to be innovative and entrepreneurial. These students are given a platform where they can be and will then be transformed into start-up entrepreneurs by the council's provision of funding, investment opportunities, and networking support to ensure the success of the innovation and venture.

It incentivizes faculty to obtain patents and publish research findings. During the academic year 2021-22, college faculty published a total of 19 patents. On September 13th, 2021, as part of the IQAC's quality initiative to provide an ecosystem for research innovation, incubation, entrepreneurship, and start-ups on campus, IQAC organised a one-day workshop in collaboration with the department of chemical technology and TASK (Telangana Academy for Skills and Knowledge), Hyderabad, Telangana State, and ProSAM Bio, Hyderabad, Telangana State.



# LOYOLA ACADEMY

(DEGREE & PG COLLEGE)

OLD ALWAL, SECUNDERABAD - 500 010, TELANGANA, INDIA

(Autonomous and Affiliated to Osmania University)

Re-accredited with 'A' Grade (III Cycle) by NAAC

A "College with Potential for Excellence" by UGC

[www.loyolaacademyugpg.ac.in](http://www.loyolaacademyugpg.ac.in) Ph: 040-27862363/27860077 Fax: 040-27867939



As a part of the quality initiative taken up by the IQAC to promote research on the campus and increase the number of quality research papers published by the teaching staff, a one-day online workshop on "Nature of Research and Skills Required: Critical Thinking and Ethics" was conducted by the IQAC in collaboration with the department of Chemical Technology and TASK (Telangana Academy for Skills and Knowledge), Pro SAM Bio, Hyderabad, Telangana State, on September 23, 2021.

The Department of Biotechnology organised an Industry Academia interface with Biological E. Limited Agri Biotech on October 26<sup>th</sup>, 2021; November 6<sup>th</sup>, 2021; and February 6<sup>th</sup> 2022, to motivate students to become entrepreneurs.

The department of Bachelor of Business Administration (BBA) holds monthly interactive sessions to enhance students' knowledge of the business world and prepare them to be future entrepreneurs. On January 19<sup>th</sup>, 2022,

An Entrepreneurial Five-Day Virtual National Level Workshop was held at Loyola Academy Degree and PG College, Hyderabad on 07-12-2021 to 11-12-2021. The workshop has been hosted by the Entrepreneurial Club of the MBA department, which brought together 106 colleges from almost 16 states across India.

On 11/1/22, the Department of Computer Science and Engineering hosted an INTERNATIONAL webinar for students on "MACHINE LEARNING." M. Srinivas Reddy, Trainer and Managing Director of DATA HILLS SOLUTIONS (MICROSOFT CERTIFIED)

Loyola Academy will hold a technical talk on the NASSCOMM FUTURE SKILLS PROGRAM ON EMRGING TECHNOLOGIES on February 16, 2022 in the Inigo Hall for M.Sc. Data Science students in their first and second years.

Innovation 2022, a project exhibition was conducted on National Science Day, that is, February 28, 2022, which displayed the major projects done by the final year students and minor projects done by the second year students. There were 17 major projects and 25 minor projects displayed by the final year and second-year students of the department of B.Sc. Electronics and Communication Technology.



# LOYOLA ACADEMY

(DEGREE & PG COLLEGE)

OLD ALWAL, SECUNDERABAD - 500 010, TELANGANA, INDIA

(Autonomous and Affiliated to Osmania University)

Re-accredited with 'A' Grade (III Cycle) by NAAC

A "College with Potential for Excellence" by UGC

www.loyolaacademyugpg.ac.in Ph: 040-27862363/27860077 Fax: 040-27867939



The Department of chemical technology has organized-

- (i) One virtual seminar on the following topics inviting eminent speakers from around the globe:
  - (a) Prospects of Chemical Technology by **Dr. Praveen Kumar Gajula, USA**
  - (b) Future Trends and Technologies in Pharmaceutical Industry by **Shri. Bangarubabu Rongali**
  - (c) Importance of Analytical Chemistry in Pharmaceutical Industry by **Dr. P V V Satyanarayana**
- (ii) Presented various models:
  - (a) Rocket
  - (b) Satellite
  - (c) Cement Industry
  - (d) Volcanic Eruption
  - (e) Solar Drier
  - (f) Chalk based Chromatography
  - (g) Lollypop (oxidation-reduction) experiment

Students from different departments participated in the event. The Agricultural department set up 16 exhibits, which included horticulture, mushroom cultivation, organic inputs, hydroponics, and other agricultural-related exhibits. All the attendees were very enthusiastic and keen on learning the new concepts that were presented by the students. There was an exchange of ideas and knowledge between students from inter-departments. All the students made the event a grand success by putting in their efforts and views. The event gave an opportunity for all the students to witness, interact, and learn from other departmental projects.

Total number of participants: 350 and total students visited from Loyola Academy and other institutions **950**.

The Department of M.Sc. Food Technology and Management has actively participated in the National Conference " Emerging Trends and Adaptable Techniques in the Field of Processing Industries" organised by Osmania University, Hyderabad, Telangana, on December 14th and



# LOYOLA ACADEMY

(DEGREE & PG COLLEGE)

OLD ALWAL, SECUNDERABAD - 500 010, TELANGANA, INDIA

(Autonomous and Affiliated to Osmania University)

Re-accredited with 'A' Grade (III Cycle) by NAAC

A "College with Potential for Excellence" by UGC

[www.loyolaacademyugpg.ac.in](http://www.loyolaacademyugpg.ac.in) Ph: 040-27862363/27860077 Fax: 040-27867939



15th, 2021. This seminar has helped students to learn many issues in regards to research procedures. It was a very helpful and enriching experience.

The Department of B.Com Honours of Loyola Academy, Hyderabad conducted their first ever National Level Management Fest on the 28th and 29th of January 2022.

This was a competition where students from all across the nation were invited to demonstrate their managerial abilities. Several competitions were held in the fields of HR, Finance, Entrepreneurship, Marketing, Best Manager, and Business Quiz.

Loyola Academy has a total of 33 UG departments and 7 PG departments. Many departments take students on industrial visits once a year to give them exposure to various activities done in industries like processing, instrumentation, and quality aspects in the processing of varied confectionery products like biscuits, center-filled biscuits, and candies.

The BBA department hosted "NEGOTIUM – 2022," a national level e-event on March **17th, 2022, which** allowed students to delve deeper into the nuances of business administration.

The Indian School of Business, Mohali collaborated with the Department of Agricultural Science and Rural Development and the Department of Mass Communication and Journalism, Loyola Academy to organise the India Data Portal Workshop, an initiative developed by ISB's think-tank, the Bharti Institute of Public Policy, on 25.04.2022 to help students understand the multilingual internet portal ([www.indiadataportal.com](http://www.indiadataportal.com)) and to access and utilise the various data sets present in it, stretching from agriculture-focused economic indicators to fertiliser sales.

As a part of the quality initiative taken up by the IQAC and the department of chemical technology (Innovation, Incubation, Entrepreneurship, Start-up: IIES cells) in collaboration with INNOVE Intellectuals, Ghaziabad, Uttar Pradesh to promote research on the campus and increase the quality of research papers, patents, and all other IPR activities on campus, a one-day online workshop on "Academic IPR Strategies required for Innovative Research & Start-ups Facilitation" was conducted on March 19th March 2022 at 03:00 PM, in online mode by using the MS-teams platform.



# LOYOLA ACADEMY

(DEGREE & PG COLLEGE)

OLD ALWAL, SECUNDERABAD - 500 010, TELANGANA, INDIA

(Autonomous and Affiliated to Osmania University)

Re-accredited with 'A' Grade (III Cycle) by NAAC

A "College with Potential for Excellence" by UGC

[www.loyolaacademyugpg.ac.in](http://www.loyolaacademyugpg.ac.in) Ph: 040-27862363/27860077 Fax: 040-27867939



At Loyola Academy Nasscomm Training Program, in collaboration with Mouktik, has conducted free training on current emerging technologies like Python, AI, IOT, UI, and UX from 16th, 2022 to March 25th, 2022. The training programme was especially good and valuable for us because it helped students stay current on newer technologies in the field.

To increase understanding of entrepreneurship, innovation, and leadership The departments of Business management UG and PG celebrated World Entrepreneurship Day on August 25<sup>th</sup>, 2022.

Mr. Vinu Charles, who was a marketing manager for Radiant Software Ltd. in Coimbatore, Tamilnadu, was also an entrepreneur, a lecturer, a process developer, and an Associate Professor, was also an online facilitator at Victoria University in Australia. I gave a talk on leadership in the digital era on July 30<sup>th</sup>, 2022.

The department of Electronics Technology organised a two-day skill training workshop programme on embedded systems and Raspberry Pi Pico on August 1st and 2nd, 2022 in collaboration with NSIC Hyderabad.

The Department of Agriculture Science and Rural Development has an Agricultural Experience Learning Program (AELP), through which the department has taken the initiative of growing vegetables in hydroponics to demonstrate the working model, which helps students gain knowledge on various methods of growing vegetables and their benefits. AELP also has organic farming, food processing and value addition, nursery management, and mushroom cultivation training programmes. Loyola Academy has also started preparation for Institutes Innovation Council Activities for 2022-2023.

Faculty Achievement: Dr. K. Rama received an award for her participation in the "Global Village Conclave Contest-2022" (Gramodaya) on the theme of "Waste Management," held on January 24th and 25th, 2022 by the Centre for Rural Development and Technology as part of the "Unnat Bharat Abhiyan."



# LOYOLA ACADEMY

(DEGREE & PG COLLEGE)

OLD ALWAL, SECUNDERABAD - 500 010, TELANGANA, INDIA

(Autonomous and Affiliated to Osmania University)

Re-accredited with 'A' Grade (III Cycle) by NAAC

A "College with Potential for Excellence" by UGC

www.loyolaacademyugpg.ac.in Ph: 040-27862363/27860077 Fax: 040-27867939



Achievement of Mr.AV Srikar of B.Com Honors

