

LOYOLA ACADEMY, DEGREE & PG COLLEGE

(Autonomous, Affiliated to Osmania University)

“A College with Potential for Excellence” (CPE) by NAAC

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DEPARTMENT OF B. Sc. COMPUTER SCIENCE & INTERNET OF THINGS



DEPARTMENT REPORT

ACADEMIC YEAR 2022-23



INDEX

S. No	Particulars of the Department	Page Number
1	Vision & Mission of the Department	1
2	About the Department	2
3	Highlights of the Department	2
4	Departmental Prospectus	3
5	Program Outcomes	4-8
6	Faculty Profile	9
7	Departmental activities	10 - 20
8	Staff Achievements	21 - 24
9	Student Achievements	25 – 27
10	Technical Seminars by the Students	28
11	Parent - teacher & student meeting report	29 – 30
12	List Of Students	31 – 32
13	Result Analysis	33
14	Bridge Course	34 – 35
15	Certificates	36 – 56

VISION & MISSION OF THE DEPARTMENT

VISION:

The Department of Computer Science and Internet of Things's vision is to provide students with a quality education, foster professionalism, and improve their problem-solving abilities in the fields of computer science and IoT with the goal of preparing them for careers in the industry and involving them in potential areas of research that they can engage in to pursue and continue their professional development.

MISSION:

- To deliver high-quality education by utilising available resources, infrastructure, and technology in the Internet of Things.
- To provide students with cutting-edge research, creativity, and entrepreneurial facilities so they can develop moral solutions for the good of society.
- To collaborate with the industry to keep pace with fast evolving technology for life-long learning

ABOUT THE DEPARTMENT

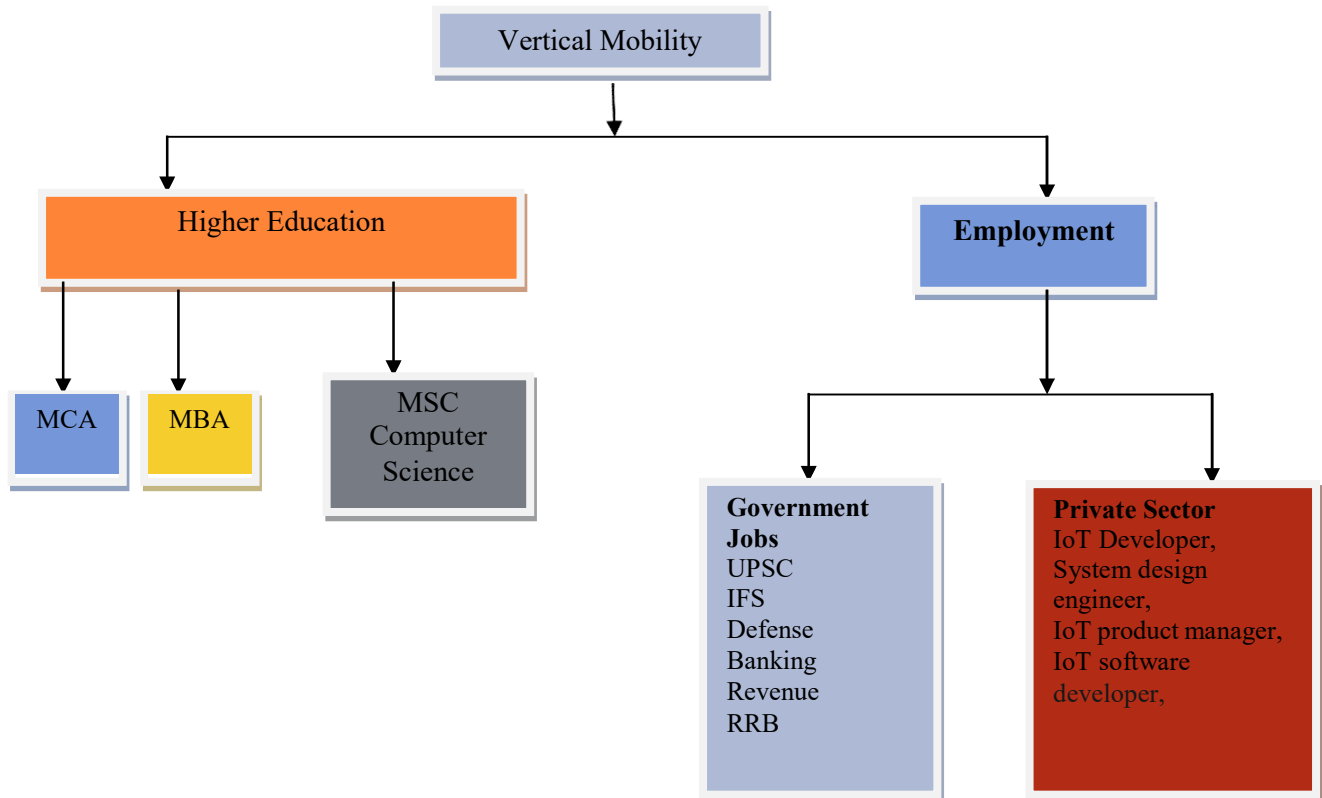
A new program called Computer Science and Internet of Things was launched in the academic year 2022–2023 with an intake of 50 students in order to satisfy the needs of the global community and prepare students to enter the engineering workforce. A distinct department called the "Department of Computer Science IoT" was established to carry out the program's academic and research operations. Students in this program will learn how to create smart applications that use microcontroller-based development boards, sensors, actuators, interface modules, and more to execute cloud operations through mobile apps, simulation tools, prototype devices, etc.

The curriculum is specially designed to satisfy the demands of students who must understand the fundamental functional and procedural features of this specialism and develop their careers to meet the demands of the global marketplace. The course's theme contains topics including software design, hardware design, networking, and holistic subjects. The application of many technologies, including software programming, embedded systems, ad hoc sensor networks, communication protocols, cloud computing, web services, big data analytics, etc., is taken into consideration in this curriculum.

Highlights of the Department

- Ensure that the students have solid analytical, programming, and problem-solving skills.
- Establish a learning environment that supports higher education through faculty development, personal growth, ethical academic standards, and research initiatives.
- Providing opportunities in order to promote organizational and leadership skills in students through various co-curricular and extra – curricular activities
- Making students employable and preparing them for the workforce through training and internships
- Collaboration between departments and industry can be improved through participation in professional society events, guest lecturers, and industrial visits.

DEPARTMENTAL PROSPECTUS



Bachelor of technology in Internet of Things specialization opens the door of opportunities for fresh graduates. As more than 300 tech start-ups in India alone are engaged in IoT-related projects, there exists plenty of job opportunities in major Software companies like

- TCS
- Huawei,
- Siemens,
- Bosch,
- SAP India Pvt Ltd,
- PTC India Ltd,
- HQ Software,
- ScienceSoft,
- Wipro

PROGRAM OUTCOMES

- ✓ **PO1. Scientific Knowledge:** Apply the knowledge of Science, Mathematics, Engineering & Technology fundamentals to solve the complex problems.
- ✓ **PO2. Design/development of solutions:** Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
- ✓ **PO3. Problem analysis:** Identify, formulate, research literature, and analyze complex scientific problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
- ✓ **PO4. Modern tool usage:** Create, select and apply appropriate techniques, resources, modern technology and IT tools to complex science and technological activities.
- ✓ **PO5. Environment and sustainability:** Understand the impact of professional science and technological solutions in societal and environmental contexts and for sustainable development.
- ✓ **PO6. Individual and team work:** Function objectively as an individual and as a member in diverse teams.
- ✓ **PO7. Communication:** Communicate effectively on complex science & technology activities with society at large and able to write effective reports and documentation.
- ✓ **PO8. Life-long learning:** Recognise the need and ability to engage in independent and lifelong learning in the context of technological change.

PROGRAM SPECIFIC OUTCOMES

- ✓ **PSO1:** Apply the fundamental knowledge of computer science and engineering in developing effective software for real world complex engineering problems by adapting advanced technologies
- ✓ **PSO2:** Design and configure various internet of things based smart applications using contemporary hardware and software tools
- ✓ **PSO3:** Able to acquire the practical competency through emerging technologies and open-source platforms related to the areas of IoT.
- ✓ **PSO4:** Design and implement industrial IoT based solutions for improving operational efficiency by investigating existing industrial environment
- ✓ **PSO5:** Able to provide diversified solutions in product development by adhering to ethical values for the benefit of society.

COURSE OUTCOMES

SEMESTER-1

GENERAL ENGLISH –I

CO1: To distinguish between words which are either spelt or pronounced alike, yet render distinct meanings; imparting a sound clarity on everyday usage of language, and for developing the art of parallel listening and writing

CO2: To construct vocabulary and to gain understanding on the tense component, a pivotal constituent for language structuring and vocabulary building

CO3: To identify with economical word constructions, paying specific attention in constructing sound writing skills

CO4: To interpret functional grammar, the basic part involved in sentence constructing to improve linguistic skills

CO5: To develop communication skills to provide a platform for language efficiency for effective language delivery

VALUE EDUCATION & PERSONALITY DEVELOPMENT

CO1: Differentiate accepted norms and counter values and to identify the various dimensions of Human Development.

CO2: Demonstrate Love and Experience of God and identify the Basic Issues of Life and Happiness as a life goal.

CO3: Understand the importance of Concern for others and critique the various problems that deter the growth of the society.

CO4: Recognize the traits of a good personality and practice Self-exploration.

CO5: Interpret the Purpose of Life and Goal Setting and demonstrate Self-management

FUNDAMENTALS OF INFORMATION TECHNOLOGY

CO1: Understand basic computer terminology and number systems.

CO2: Learn about operating systems, and its types.

CO3: Learn about the applications of Information technology.

CO4: Importance of system development and the phases of SDLC

CO5: Use of modern means of communications, types of networks and topologies

MATHEMATICS FOUNDATION FOR ELECTRONICS

CO1: Categorize the differential equations with respect to their order and linearity. Solve differential equations of first order using numerical and analytical methods.

CO2: Analyze and solve differential equations of first order basic application problems described by first order differential equations, orthogonal trajectories.

CO3: Solve second order Homogeneous Equations with Constant Coefficients. Obtain exact and numerical solutions using differential equations technology.

CO4: Formulate the solution set of a system of linear equation.

CO5: Solve the characteristic polynomial, eigen vectors, eigen values.

BASIC ELECTRONICS AND CIRCUITS

CO1: Able to understand what is electronics and terms related to it.

CO2: Understanding the passive components and their connections, sources & laws

CO3: Understanding the fundamentals of alternating current and terminology

CO4: Analyze semiconductors and understand the working of a diode and its applications.

CO5: Able to understand the construction and working of transistor, power supply.

PROBLEM SOLVING AND PROGRAMMING THROUGH 'C'

CO1: Explain the basic introduction of computer and programming languages.

CO2: Categorize different data types, operators and data input /output functions in 'C'.

CO3: Develop programs using 'C' control structures, arrays and string concept.

CO4: Sub divides larger problems into smaller ones using 'C' functions.

CO5: Create programs using the concept of structures, union and file handling in 'C'.

SEMESTER-11

GENERAL ENGLISH -II

CO1: To identify a sound understanding on the formation of words and to demonstrate the functional grammatical component in the sentence

CO2: To paraphrase ideas and thoughts in a coherent, neat and organized manner in order to utilize the writing skills for sound writing propagandas.

CO3: To create an understanding on Indian Literature, alongside to develop and chisel their communication skills.

CO4: To recognize the moral element which underlies in the short story; an exposure to informal language

CO5: To develop listening and speaking skills through effective sentence constructions and efficient delivery

INDIAN HERITAGE AND CULTURE

CO1: Understand better about the origin of ancient Indian culture the contributions of great rulers from both north and south India for Indian culture in ancient days

CO2: Analyse how Persian culture entered into India and it influence the Fine Arts of Indian society like Classical Music, Dance and Architecture.

CO3: Assess how the Indian orthodox society turn into modern and western society in the 19th century. It also edifies the students with spiritual doctrines of various Religions.

CO4: Evaluate various challenges face by the youth and the evils effects of terrorism on society

CO5: Create belongingness among the students by bringing awareness of the rights and duties to make the world a better place and it throw light on gender sensitization issues of women, Children and LGBT

COMPUTER NETWORKS

CO1: Identify basic computer network topologies and protocols and explain Data Communication System components

CO2: Classify different error detecting techniques.

CO3: Construct sub-netting and routing mechanisms.

CO4: Sketch the routing protocols and analyze how to assign the IP addresses for the given network

CO5: Develop network design and implementation

VECTOR CALCULUS & LAPLACE TRANSFORMS

CO1: Categorize the vector-valued functions of a real variable and their curves, Gradient vector fields and constructing potentials.

CO2: Analyze the differential ideas of divergence, curl and the Laplacian along with their physical interpretations

CO3: Use the application of Green's theorem in the plane, Gauss divergence theorem and Stake's theorem.

CO4: Solve the Laplace transform of standard functions from the definitions.

CO5: Combine the necessary Laplace transform techniques to solve second-order ordinary differential equations.

LOGIC & DIGITAL CIRCUITS

CO1: Convert different type of codes and number systems which are used in digital communication and computer systems.

CO2: Employ the codes and number systems converting circuits and Compare different types of logic families which are the basic unit of different types of logic gates in the domain of economy, performance and efficiency.

CO3: Analyze different types of digital electronic circuit using various mapping and logical tools and know the techniques to prepare the most simplified circuit using various mapping and mathematical methods.

CO4: Design different types of with memory element digital electronic circuits for particular operation, within the realm of economic, performance, efficiency, user friendly and environmental constraints.

CO5: Assess the nomenclature and technology in the area of memory devices and apply the memory devices in different types of digital circuits for real world application.

C++ and DATA STRUCTURES

CO1: Differentiate between object-oriented programming and procedure-oriented programming.

CO2: Develop programs using object oriented programming features.

CO3: Organize the data using sorting and various linear data structures and determine the time complexity

CO4: Illustrate non-linear data structures like trees, graph

CO5: Choose appropriate data structures to represent data items in real world problems

FACULTY PROFILE

Dr. L. Radhika Rani

Dr. L. Radhika Rani is currently working as an Assistant Professor in Computer Science and Internet of Things with a teaching experience of 19 years. She completed Ph. D in Physics from Department of Physics, Jawaharlal Nehru Technological University in the year 2017, Hyderabad. Currently she also serves as 'Innovation cell Coordinator'.



Dr Radhika Rani was honoured with National Academic Excellence Award and in the academic year in the academic year 2022 – 23 by I2OR – registered MSME with the Ministry of MSMS, Govt. of India (UDAY – PB – 20 – 0002405) and she also received I2OR International Educational Excellence Award 2023 in appreciation to the teaching excellence in the field of Electronics. She also selected as a Science communicator for Hyderabad Chapter in 105th session of the Indian Science congress from March 19-20, 2018 at ManipurUniversity, Kanchipur.

Dr. Radhika Rani's research interest includes Bio medical signal Processing, Python Programming, Embedded Systems. Dr. Radhika Rani published papers in peer reviewed journal and presented papers in various conferences. She serves on the organizing and program committee of several international conferences, workshops and Faculty Development Programs. She is the Life member in "Indian Science Congress Association" (ISCA)

Ms. T, Suneetha



T. Suneetha is currently working as an Assistant Professor in Computer Science Internet of Things with a teaching experience of 8 years. Her educational qualifications are M.C.A, M.Tech (C.S.E), Pursuing Ph. D in Computer Science and Engineering. She is having 5 patents. She published research paper in many international and National Journals. She also author for books. She participated in many seminars, workshops and Faculty development programs. She received received best paper presentation award entitled "A NOVEL E-LEARNING USING EDUCATIONAL CLOUDS" in International Multidisciplinary on Emerging Technologies (IMCOET – 2022) on 21st to 25th November 2022 held at Loyola Academy, Alwal.

DEPARTMENTAL ACTIVITIES

GUEST LECTURE

“IMPORTANCE OF IOT AND HOW IT IS EMERGING WITH OTHER TECHNOLOGIES”

Name of the Event: Importance of IoT and how it is emerging with other technologies

Name of the Resource Person: Mr. Ramanjaneyulu B

Date: 12-1-2023

Venue: MCA Lab

No of Students Participated: 50

No of Faculty Participated: 2

The Department of B. Sc Computer science and Internet of things has organized a Guest lecture on Importance of IoT and how it is emerging with other technologies on 12th January 2023 in collaboration with Pantech Solutions Private Limited.

Objective:

The main objective of the lecturer is to provide clear and concise talk on different kinds of microprocessors, microcontrollers, embedded systems, Sensors and the practical applications of IoT in our day to day lives, we had the pleasure of hosting a guest lecturer, Mr. Ramanjaneyulu B, to speak about the importance of IoT (Internet of Things) and how it is emerging with other technologies.

Ramanjaneyulu B is an expert in the field of IoT and has over 3 years of experience in the industry.



The Guest Lecture was conducted by Mrs. T.Suneetha (HOD-B.Sc. Computer Science and Internet of Things) as on 12th January 2023 from 9.30 am to 01:00 pm. Chief guest. Mr. Ramanjaneyulu, an experienced senior engineer and embedded developer at Pantech Solutions Private Limited, Ameerpet, Hyderabad. He has pursued his B.Tech, Elcetronics And Communication Engineer from Prakasham Engineer College, Prakasham Dist., Andhra Pradesh. He is well versed with the technical skills in programming languages like C, C++, Python, Embedded C and as well as with other domains like Embedded system and IOT. He has been working on research and development of embedded application like Controllers Arduino, Nodemcu & Raspberry Pi, ARM, PICp 8051, MSP430; His current field of work is machine learning with Python, OpenCV with Raspberry pi.



The session was an enlightening experience for the students as they understood the scope of IoT in the field of IT. The guest lecturer gave the students a clear and concise talk on the basic terms used in the field which includes different kinds of microprocessors, microcontrollers, embedded systems, Sensors and the practical applications of IoT in our day to day lives, He brought to light

the technologies which are behind many of our day to day appliances. He also spoke about certain issues which we face today in the field of IT which included the alarming problem of 5G radiation. The concept of IoT has now become much clearer and the job opportunities now seem to be immense. The thought of making numerous things automatic in the field of agriculture, national security, medical etc, is a boost for the students to work much harder and try to change the world.



He also discussed the practical applications of IoT, and this is where things really got interesting. He brought in a virtual Arduino board and a set of LEDs, and demonstrated how they can be used to create a simple IoT-enabled device. The students were able to see how the Arduino board was programmed to collect data from the LEDs, and how the data was then transmitted to a cloud-based platform for analysis. This practical session included the usage of “Tinker cad”, a web-based software used to visualize the practical components which will be very helpful to the students. He also showed a video on the applications of IoT in our day-to-day lives which included advanced devices like robots, cars controlled by sensors, object identifiers etc.

Overall, the guest lecture was an insightful and engaging experience for the students. It provided them with a deeper understanding of the importance of IoT and how it is emerging with other technologies. The practical demonstration of creating an IoT-enabled device with a virtual Arduino board and LEDs was particularly impressive, and it gave the students a taste of what it is like to work with IoT in a real-world setting.





Outcome:

In conclusion, the guest lecture on IoT was an enlightening and valuable experience for the students, and it has sparked a renewed interest in the field of IoT among many of them. We would like to thank Ramanjaneyulu B further time and expertise, and we hope to have him back in the future for more informative and engaging presentations.



The Wonderful session ended with the felicitation of the Guest Lecturer Mr. Ramanjaneyulu B with a Memento by the HOD of B.Sc. Computer Science and Internet Of Things, Mrs. T.Suneetha and with the vote of thanks by K.Samyog Reddy. Few group photos were taken with the students and staff as a mark of respect.



All the students as well as the staff members have given a positive feedback towards the Lecturer as well as his way of teaching which was informative and interactive and also his insights on IOT were very helpful for all the students. As new students in this technology, we believe that his experiences and suggestions would lead us to become better future developers in this blooming industry. The practical session introduced all the students to the basics of Arduino and IDE software tools, which was a unique experience for all. All the students and staff members are very grateful to him for his precious time and help; which he provided for the students to get a clear and concise idea on IOT and its scope in the future.. Special thanks to Mrs. T.Suneetha for taking a great initiative for conducting this wonderful session.

INDUSTRIAL TOUR

Name of the Event: Industrial Visit

Date: 28-2-23

Venue: Sirveen Control Systems

No of Students Participated: 50

No of Faculty Participated: 2

Objective:

Objectives of industrial visit are to provide students an insight regarding internal working of companies. Industrial visits provide an excellent opportunity to interact with industries and know more about industrial environment.

About the Industry:

Sirveen Control Systems was founded in 1982 with the intention to serve Indian Railways & beyond with high quality, India designed & made electronic products. Over the last 40 plus years, Sirveen has been at the forefront of adopting technologies to ensure customer satisfaction through high quality products that have proven to be highly reliable and customer friendly.



At the beginning of the session the students were give a small talk by the HR Mr Srikanth who gave the students the official plan for the day .The class was then divided into batches of 24 each and each of them were sent to attend different sessions at different locations. Mr Srikanth spoke to the first batch of students about the different kinds of products manufactured by the company, he provided the students with various insights about the different electrical components used in the industries. The initial sessions for both batches ended with a lunch break where students shared their lunch and had a good time of fellowship with each other.



Following the lunch hours the practical sessions for the students began with each batch dividing itself into a group of 5 to 6 members. The batches were taken separately to different sites where complex machines were being operated. Some of the machines included the LCC(loco current controller),RMCP,PCB BOARD etc. The working staffs were very soft and gentle and kindly proceeded to show us the various ways in which these components were constructed and operated the students were amazed at the technology and took in all the knowledge they could get.



The last session of the day was taken by a senior employee at Sirveen who spoke about the importance of Data logging and embedded system. The session helped the students understand the usage of embedded system in railway lines.



Outcome:

Industrial visits play a crucial role in increasing networking opportunities while building a good relationship with companies. For students, such trips open many doors for corporate training and internships, which in turn increase the students' employability.

The 2022-23 industrial tour for the students of the BSc Computer science and Internet of Things was a new and profound experience for the students as they were able to experience the feeling of being “on site” for the very first time in their lives. The students owe their gratitude to the management, the staff including all the staff who accompanied the student's . We also owe our gratitude to Mrs. T Suneetha for managing the whole tour in an efficient and smooth manner.



PLANET
(PROGRAM OF LOYOLA ACADEMY FOR NEIGHBORHOOD EMPOWERMENT AND
TRANSFORMATION)

Name of the Event: PLANET

Date: 1-3-2023

Venue: Friends of the Birds of the Air Ashram”, Bandlaguda

No of Students Participated: 50

The students of B.Sc. Computer Science and the Internet of Things were taken to the "Friends of the Birds of the Air Ashram", Bandlaguda, near Nagaram, Hyderabad, for the PLANET. Our college took a fantastic step in exposing the students to the realities of life while simultaneously providing them with the chance to learn about humanities. It is a rehabilitation centre for the destitute. Where abandoned parents are rejected by children, people who were once professors, businesspeople, and doctors are being taken care of by Fr. Pal and Dr. Anusha (an oncologist who has dedicated herself for the sake of these destitute and treats them medically).

The tour started at 9:30 a.m. when all the students gathered at the college with Mr. Stephen. All 50 IoT students and Mr. Stephen travelled on the college bus. We all reached the destination at 10:35 am. After reaching the destitute home, we were all seated in a small hall where all the people over there used to pray.

We were all heartily welcomed by Fr. Pal, who takes care of the destitute home, with a small introduction speech about the destitute home. He also enlightened all the students with the fundamental key required to achieve success in the future, which is humanity.



After this enlightening talk, we were all introduced to the next guest, Mr. Joseph, a software engineer in the field of IT and also one of the unofficial members of the destitute home, who works for the

destitute, which he sees as his second family. He has admitted many of the people suffering on the roads and streets to this organization. He shared with us how he helps the people. He also guided us on how we can help others and try to have a humane approach towards the destitute. He also shared some of his experience on how he manages his personal work and Ashram work in a flexible way.

After the 3 wonderful sessions, we were divided into groups of 6–8 students, and each group was allotted some work, like cleaning the rooms, stairs, kitchen, wiping the floor, etc., to help the destitute. All the students enjoyed the visit by playing cricket with the destitute, talking and interacting with them, playing songs for them, etc.



We all left the premises at 3:00 p.m. with Mr. Stephen and returned to the college at 3:55 p.m. All the students enjoyed it thoroughly and are thankful to Mr. Stephen and the management of Loyola Academy for taking this great initiative for all the students of Loyola Degree and PG College.

STAFF ACHIEVEMENTS

AWARDS:

- Dr.Radhika Rani got I2OR International Educational Excellence Award 2023 by International Institute of Organized Research (I2OR) on the occasion of International Day of Education, 24th January 2023.
- Dr.Radhika Rani received best paper presentation award at International Multi-Disciplinary Conference on "Innovations in Science and Technology for Sustainable Ecosystem - Challenges and Opportunities" on 2nd and 3rd December 2022 organized by R.B.V.R.R. Women's College, Narayanaguda, Hyderabad
- Dr.Radhika Rani received best paper presentation award Dr.Radhika Rani received best paper presentation award entitled " Design and development of cholesterol detection using hand print image " in International Multidisciplinary Conference on Emerging Technologies (IMCOET – 2022) on 21 st to 25 th November 2022 held at Loyola Academy, Alwal.
- Dr.Radhika Rani got I2OR International Academic Excellence Award 2023 by International Institute of Organized Research (I2OR) on the occasion of National Science Day, 28th February 2023.

PATENTS:

- Dr Radhika Rani published a patent with Application Number 202231038458 entitled Design and implementation of an IoT based Monitoring system for inland vessels using multiple sensor networks
- T. Suneetha, Assistant Professor from Computer Science and Internet of Things have been published a patent The maximum capacity estimation model for smart apartment management using wireless sensor network with Application No.202241034936 A and the Publication Date : 24/06/2022
- T. Suneetha, Assistant Professor from Computer Science and Internet of Things have been published a patent Efficient Wearable Sensor Device for Predicting the Heart Rate Using Machine Learning Approach with Application No.202241044975 A and the Publication Date : 12/08/2022

- T. Suneetha, Assistant Professor from Computer Science and Internet of Things have been published a patent IOT based heart disease prediction using deep Neural network with Application No.202241043114 A and the Publication Date : 19/08/2022
- T. Suneetha, Assistant Professor from Computer Science and Internet of Things have been published a patent IOT Based stress level Identification in EEG signal using Artificial Intelligence technique with Application No.202241047490 A and the Publication Date : 26/08/2022
- T. Suneetha, Assistant Professor from Computer Science and Internet of Things have been published a patent Secure the internet of vehicles communication using Block chain Technology with the Application No.202241052630 A and the Publication Date : 23/09/2022

RESEARCH PAPER PUBLICATIONS:

- Dr Radhika Rani published a paper on Design and development of cholesterol detection using hand print image in Dogo Rangsang Research Journal : ISSN 2347-7180 with IF=5.127 UGC Care Approved, Group I, Peer Reviewed, Bilingual and Referred Journal
- T. Suneetha, Research Scholar, Department of Computer Science and Engineering, Sunrise University, Alwar, Rajasthan. & Assistant Professor, HOD Department of Computer Science and Internet of Things, Loyola Academy Published an article on “A novel e-learning using educational clouds ” in Dogo Rangsang Research Journal : ISSN 2347-7180 with IF=5.127 UGC Care Approved, Group I, Peer Reviewed, Bilingual and Referred Journal

PRESENTED PAPERS/RESOURCE PERSON/ATTENDED SEMINARS/ FDPS/ CONFERENCES, WORKSHOPS

- Dr.L.Radhika Rani Presented a paper in one day International Conference on “Education 5.0-Role Institution, Industry and Society (ERIIS-2022)” Organised by NIT, Warangal, India 14-15th October 2022.
- Dr.L.Radhika Rani, Department of Electronics and Communication Technology, Presented a Paper titled “Estimation of Acoustic Features of Infant’s cries for detection of Heart Disorders” at International Conference on Enhanced Techniques in Real-Time Applications (ICETRA 2022) held on 29-12-2022 at United College of Arts and Science, Coimbatore.
- Dr.Radhika Rani Presented a paper at International Multi-Disciplinary Conference on "Innovations in Science and Technology for Sustainable Ecosystem - Challenges and

Opportunities" on 2nd and 3rd December 2022 organized by R.B.V.R.R. Women's College, Narayanaguda, Hyderabad

- Dr.L.Radhika Rani Presented a paper in one day International seminar on “Recent innovations in Science and Technology for sustainable Ecosystem” Organised by Department of Botany AVK College for Women , Hassan sponsored by Govt.of Karnataka, held on 22nd July 2022.
- Dr.L.Radhika Rani has presented paper entitled ” Design and development of cholesterol detection using hand print image” in International Multidisciplinary Conference on Emerging Technologies IMCOET – 2022) on 21st to 25th November 2022 held at Loyola Academy, Alwal.
- Dr.L.Radhika Rani has participated three day Faculty development program on Idea Generation conducted by ICT Academy in collaboration with AV college of Arts and Science Hyderabad, 26th to 28th October 2022
- T. Suneetha, Assistant Professor, Department of Computer Science and Internet of Things, Loyola Academy has participated in 3 Day National Webinar on Latest competition and technical rules in athletics held from 01-08-2022 to 03-08-2022 on the occasion of National sports day conducted by Chaitanya Bharathi Institute of Technology.
- T. Suneetha, Assistant Professor, Department of Computer Science and Internet of Things, Loyola Academy has participated in National Workshop on “Outcome based education”
- T. Suneetha, Assistant Professor, Department of Computer Science and Internet of Things, Loyola Academy has presented at the International Multidisciplinary Conference on Emerging Technologies IMCOET 2022.
- T. Suneetha, Assistant Professor, Department of Computer Science and Internet of Things, Loyola Academy has participated in IP Awareness/ Training Program under National Intellectual Property Awareness Mission.

REFRESHER COURSES/FDPS/ GIAN/SYMPOSIUM:

- Dr L. Radhika Rani undergone IA Training Foundation course 30 hours conducted by AICTE
- Dr.L.Radhika Rani has participated in 15 days workshop conducted by Department of Electronics and Communication Technology in Collaboration with NSIC Hyderabad, from 1-8-2022 to 15-8-2022.

- T. Suneetha, Assistant Professor, HOD Department of Computer Science and Internet of Things, Loyola Academy has participated in One Week Faculty Development Program on “Amazon Web Services (AWS)” during the period of 22nd – 27th August 2022 Organized by Department of Electrical, Electronics and Communication Engineering, School of Technology, GITAM (Deemed to be University), Hyderabad in collaboration with BrainOVision Solutions India Pvt.Ltd & All India Council For Technical Education (AICTE)
- T. Suneetha, Assistant Professor, HOD Department of Computer Science and Internet of Things, Loyola Academy has participated in NAAC sponsored National e-Conference on “Implementation of NEP in Higher Education Institutions” organized by Internal Quality Assurance Cell.
- T. Suneetha, Assistant Professor, HOD Department of Computer Science and Internet of Things, Loyola Academy has participated in the “International Virtual FDP on “Personality Grooming – Handling Stress and Emotional Intelligence” .

BOOK CHAPTERS PUBLISHED:

- Dr. Radhika Rani, Department of Electronics and Communication published a book chapter by Institute for Information Technology Publications in the International Conference on Enhanced Techniques in Real-Time Applications ISBN: 978-93-91347-37-6 organised by department of computer science in association with ICT academy of Tamilnadu 29.12.2022 Coimbatore
- T. Suneetha, Assistant Professor from Computer Science and Internet of Things have been published a books chapter entitled Technologies of Information & Communication,2022 Edition, Arinna Publishing and Royal book publishing with ISBN No: 9789395423014 and with the supporting authors Dr. J. Sofia Bobba, Dr. Jenifer Mahilraj, G. Sirisha, Prof. Valli Madhavi Koti and T. Suneetha
- T. Suneetha, Assistant Professor from Computer Science and Internet of Things have been published a books chapter entitled Artificial Intelligence in the field of HEALTH, 2022 Edition, Arinna Publishing and Royal Book Publishing with ISBN No: 9789391131746 and with the supporting authors Dr. Mohammed Abdul Wajeed, Dr. S. Vanithamani, Dr. Abdulrahim Mithwani, T. Suneetha and James Meroka Onsinyo.

Admission to Ph. D Programme:

- T. Suneetha, Assistant Professor from Computer Science and Internet of Things got admission to Ph. D Programme on 24-5-2022 in Computer Science and Engineering in SunRise University, Rajasthan, Alwar.

STUDENTS ACHIEVEMENTS

LIST OF PRIZE WINNERS IN VARIOUS ACTIVITIES

S. No	Name of the Student	UID Number	Name of the Event Participated	Prize Details	Date	Venue
1	D.Jahnavi	111722045001	Resonance	2nd prize in mehendi completion	9/12/2022	Loyola Academy
2	Joel Varghese	111722045011	Magic youth debate	1st prize in debate	21/12/2022	Loyola Academy
3	Joel Varghese	111722045011	Technovaganza	2nd prize in rebus	21/02/2023	Loyola Academy
4	Joel Varghese	111722045011	Bhasa Divas	2nd prize in debate	19/12/2022	Loyola Academy
5	Joel Varghese	111722045011	Data fission	3rd prize in debate	02/03/2023	Loyola Academy
6	Joel Varghese	111722045011	Data fission	1st in quiz	02/03/2023	Loyola Academy
7	Anshu Varma	111722045007	Technovaganza	1st prize in live project	21/02/2023	Loyola Academy
8	Abhishek srigiri	111722045015	magic youth debate	1st prize in debate	21/12/2022	Loyola Academy
9	Abhishek srigiri	111722045015	Technovaganza	1st prize in quiz	17/02/2023	Loyola Academy
10	Abhishek srigiri	111722045015	Technovaganza	1st prize in live project	21/02/2023	Loyola Academy
11	Abhishek srigiri	111722045015	Data fission	1st prize in quiz	02/03/2023	Loyola Academy
12	Abhishek srigiri	111722045015	Data fission	3rd prize in debate	02/03/2023	Loyola Academy
13	K.Samyog Reddy	111722045014	Technovaganza	1st prize in live project	21/02/2023	Loyola Academy
14	K.Samyog Reddy	111722045014	Magic youth debate	1st prize in debate	21/12/2022	Loyola Academy
15	K.Samyog Reddy	111722045014	Bhasa Divas	2nd prize in debate	19/12/2023	Loyola Academy
16	Dhruv Jhamb	111722045031	Technovaganza	2nd prize in quiz	17/02/2023	Loyola Academy
17	Sai Sri Sudeep	111722045045	Technovaganza	3rd prize in quiz	17/02/2023	Loyola Academy
18	Joel Varghese	111722045011	club day	2nd prize in rj	07/03/23	Loyola Academy
19	K.Samyog Reddy	111722045014	Donated blood	Participation	27/09/22	Loyola Academy
20	Dhruv Jhamb	111722045031	CyberMania 1.0	2nd prize in TypeRacer	11/03/23	Loyola Academy

LIST OF STUDENTS PARTICIPATED IN VARIOUS ACTIVITIES

S. No	Name of the Student	UID Number	Name of the Event Participated	Date	Venue
1	D.Jahnavi	111722045001	Informatique	20/12/2022	Loyola Academy
2	D.Jahnavi	111722045001	Ignite SRM University	17/02/2023	Loyola Academy
3	D.Madhavi	111722045012	Rebus puzzle	21/02/2023	Loyola Academy
4	G.Nikitha	111722045003	Rebus puzzle	21/02/2023	Loyola Academy
5	Anshu Varma	111722045007	Informatique	20/12/2022	Loyola Academy
6	Anshu Varma	111722045007	Ignite SRM University	17/02/2023	Loyola Academy
7	Anshu Varma	111722045007	World science day	10/11/2022	Loyola Academy
8	Anshu Varma	111722045007	Ignite SRM University	03/03/2023	Loyola Academy
9	P. Sravani	111722045023	Rebus puzzle	21/02/2023	Loyola Academy
10	D.Jahnavi	111722045001	Ignite SRM University	04/03/2023	Loyola Academy
11	Anshu Varma	111722045007	Rebus puzzle	21/02/2023	loyola academy
12	Anshu Varma	111722045007	online quize	21/02/2023	loyola academy
13	K.Samyog Reddy	111722045014	volunteered at the ESL snapdragon pro series	04-06/10/2022	Hitex exhibition center
14	K.Samyog Reddy	111722045014	Technovaganza	21/12/2022	Loyola Academy
15	K.Samyog Reddy	111722045014	Technovaganza	21/12/2022	Loyola Academy
16	K.Samyog Reddy	111722045014	Technovaganza	21/12/2022	Loyola Academy
17	K.Samyog Reddy	111722045014	Informatique	12/11/2022	Loyola Academy
18	Anshu Varma	111722045007	Cybermaniai.o	11/03/2023	Loyola Academy

LIST OF STUDENTS COMPLETED INTERNSHIP

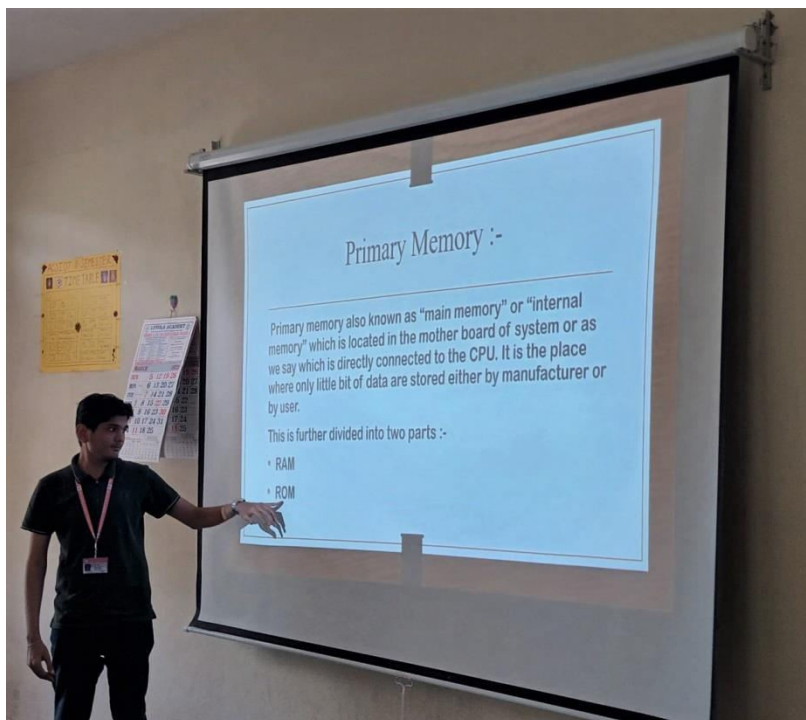
S. No	Name of the Student	UID Number	Name of the organisation	Duuration	Date
1	N.Vijay	111722045017	Suparaja cyber security	2days	2/10/2022
2	K. Nivas	111722045013	Suparaja cyber security	2days	2/10/2022
3	RS. Martin	111722045018	Suparaja cyber security	2days	2/10/2022

LIST OF NCC STUDENTS

S. No	Name of the Student	UID Number	Position Held
1	B.Srichand	111722045009	cadet
2	K.Nivas Yadav	111722045013	cadet
3	Kalyan Yadav	111722045032	cadet
4	K.Ankith	111722045044	cadet
5	G.Vamshikrishna	111722045036	cadet
6	Nitish kumar ray	111722045046	cadet

TECHNICAL SEMINARS BY THE STUDENTS

Most of the young graduates lack the confidence and fluency while interacting verbally. Coming either from rural or sub-urban background, many students hold good academic record and industrial skills but lack behind while expressing themselves. This small yet major drawback often hinders the achievements of students while campus placements. Speaking about a researched topic in seminars and workshops before a gathered audience boosts the confidence of the students preparing them precisely for interviews and group discussions. So to overcome these problem the Department of B. Sc Computer science and Internet of things has organized Technical seminars to the students. Total 50 students of ACSIoT were divided into 25 groups and one topic is allotted to each group.



PARENT - TEACHER & STUDENT MEETING REPORT

A Parent Teacher Meeting for ACSIOT class was held on 11th February 2023.

Agenda of the meeting:

- ✓ Interaction between parents and teachers for creating healthy teaching-learning environment.
- ✓ To refresh rules and regulations of Loyola Academy.
- ✓ To inform parents regarding detain Rules and Attendance Rules.
- ✓ To check and improve academic performance of students.
- ✓ To improve result of students by taking various actions.
- ✓ Feedback will be given by parents.

Attendance of meeting:

Class: ACSIOT

Semester: 2

Total Strength: 50

Number of Parents attended: 39

Number of Parents absent: 11

Attendance Percentage: 78

Highlights of Meeting:

- Parents are familiar with rules and Regulations of Loyola Academy.
- Parents have checked attendance and academic performance of their ward.
- Parents were known about their wards behavior, Discipline and Punctuality.
- Contact numbers of all department faculties are provided to parents for better communication.

Suggestions given by the parents:

- Lecturers push the students towards self learning
- Apart from teaching curriculum lectures has to provide the information regarding the importance of course and its uses
- Department need to organise internships and projects to the students to improve their practical knowledge

Action taken by the department

- ✓ Planning to conduct a lecture on carrier guidance on IOT
- ✓ Planning to send the students to internship during second year
- ✓ Planning to take up student major projects during final year

The above mentioned remedies informed to parents

Feed back:

Parents expressed their gratification towards the institution in enhancing the personality of the students under the able guidance of Principal. They also appreciated the efforts being made by the college for the overall development of their ward. Parents were very happy regarding the activities going on in the college.



STUDENTS MENTORING LIST**Class:** ACSIOT**Class Teacher:** Mrs. T. Suneetha

S.No	STUDENT NAME	UID NUMBER
1	DESHPANDE JAHANVI	11172204501
2	GODUGULA LAKSHMI RAI	111722045002
3	GADDAM NIKHITHA	111722045003
4	KAIRAKONDI RAMYA	111722045004
5	KONDUR AKHILA	111722045005
6	AMBALA ANUDEEP	111722045006
7	ANSHU VARMA	111722045007
8	BIKKU KUMAR YADAV	111722045008
9	BOKKA SRICHAND	111722045009
10	JAITHRA RAMADUGU	111722045010
11	JOEL VARGHESE	111722045011
12	DONTHULA MADHAVI	111722045012
13	K NIVAS	111722045013
14	KUCHIKULLA SAMYOG REDDY	111722045014
15	SRIGIRI ABHISHEK	111722045015
16	THURIMERLLA SRIPOOJA	111722045016
17	NANDARAM VIJAY	111722045017
18	RS MARTIN	111722045018
19	RS GURU SHUSRUTH	111722045019
20	SHUBHAM TIWARI	111722045020
21	VIRUPAKA SAI KUMAR REDDY	111722045021
22	VUDDAMARI PRAMOD	111722045022
23	PONDUGULA SRAVANI REDDY	111722045023
24	SHIVANAND KAMALEKAR	111722045024
25	GADDAM NAVEEN	111722045025
26	MALYALA SRINATH	111722045026
27	RAJABOINA SAIRAJ	111722045027
28	ASHUTOSH KUMAR SAHU	111722045028
29	NOMULA PRAKASH	111722045029
30	BAGADI JAI KIRAN	111722045030
31	DHRUV JHAMB	111722045031
32	PENJARALA KALYAN YADAV	111722045032
33	SURESH CHOUDHARY	111722045033
34	RM CHETAN	111722045034
35	ANGIREKULA GOETHAM SURYA	111722045035
36	GADDAM VAMSHIKRISHNA	111722045036
37	VHALLA VINAY KUMAR	111722045037
38	VONTARI SAI KRISHNA REDDY	111722045038
39	MULE GNANESHWAR REDDY	111722045039
40	BOODHARI VARSHITHA	111722045040

41	PULI AJAY KUMAR	111722045041
42	VANGATI SAI TEJA	11172204542
43	ANUJ MANDAL	111722045043
44	KAMINI ANKITH	111722045044
45	PAGDALA SAI SRI SUDEEP	111722045045
46	NITISH KUMAR RAY	111722045046
47	ALAGESAN BALA MURLI KRISHNAN	111722045047
48	PAMPARI HARISH	111722045048
49	KORVI CHANDAN	111722045049
50	MARYALA LOKESH REDDY	111722045050

RESULT ANALYSIS
RESULT ANALYSIS FOR THE ACADEMIC YEAR 2022 – 23
ODD SEMESTER
EXAM HELD IN THE MONTH OF DECEMBER 2021

SEMESTER – I (BATCH 2022-2025)

S. No	Name of the Subject	Name of the Faculty	No. Of Students appeared	No. of Students Failed	No. of Students passed	Pass Percentage
1	Fundamentals of Information Technology (SEC-I)	K. Hima Bindu	50	9	41	82%
2	Mathematics Foundation For Electronics (Core-1)	M.V. Raj Gopal	50	17	33	66%
3	Basic Electronics and Circuits (Core-2)	R. Dhanunjay Rao	50	22	28	56%
4	Problem solving and Programming in C (Core-3)	T. Suneetha	50	10	40	80%
5	Fundamentals of Information Technology– Lab (SEC-I)	K. Hima Bindu	50	0	50	100%
6	Basic Electronics and Circuits–Lab (Core-2)	R. Dhanunjay Rao	50	0	50	100%
7	C Programming-Lab (Core-3)	T. Suneetha	50	0	50	100%
8	General English-I (AECC-1)	Fr. Joseph kumar S. J	50	1	49	98%
9	Value Education and Personality Development (AECC-2)	Fr. Joseph kumar S. J	50	2	48	96%

BRIDGE COURSE FUNDAMENTALS OF ELECTRONICS

This course provides complete comprehensive idea on electronic components and elements that are used in day to day life.

Students were learnt the concepts in exemplary way and has shown interest in acquiring knowledge related to electronics.

On completion of course students has acquired sufficient terminology related to electronic devices and their applications which will help them in understanding IoT devices and their implementation.

Students were actively participated in scheduled classes and was assessed by post test in which they secured >70% of marks.

PRE ASSESSMENT MARKS:

S.No	UID No:	Name of the Student	Marks Obtained Max: 30M
1	111722045001	D. Jahnavi	15
2	111722045002	G. Lakshmi Prasanna Raj	16
3	111722045003	G.Nikhitha	14
4	111722045004	K.Ramya	15
5	111722045006	A.Anudeep	12
6	111722045007	Ashu Varma	11
7	111722045008	Bikku kumar yadav	11
8	111722045009	B.Srichand	12
9	111722045011	Joel Varghese	12
10	111722045012	D.Madhavi	9
11	111722045013	K.Nivas	16
12	111722045014	K.Samyog Reddy	12
13	111722045015	K.Sadgunachary	14
14	111722045017	N.Vijay	15
15	111722045018	R.Santhosh Martin	12
16	111722045019	R.S.Gurusushruth	11
17	111722045020	Shubham Tiwari	12
18	111722045021	V.Saikumar Reddy	11
19	111722045022	V.Pramod	10
20	111722045023	P.Sravani Reddy	11
21	111722045024	Shivanand Kamalekar	12

POST ASSESSMENT MARKS

S.No	UID No:	Name of the Student	Marks Obtained Max: 30M
1	111722045001	D. Jahnavi	26
2	111722045002	G. Lakshmi Prasanna Raj	23
3	111722045003	G.Nikhitha	25
4	111722045004	K.Ramya	27
5	111722045006	A.Anudeep	23
6	111722045007	Ashu Varma	24
7	111722045008	Bikku kumar yadav	26
8	111722045009	B.Srichand	21
9	111722045011	Joel Varghese	22
10	111722045012	D.Madhavi	21
11	111722045013	K.Nivas	24
12	111722045014	K.Samyog Reddy	27
13	111722045015	K.Sadgunachary	25
14	111722045017	N.Vijay	23
15	111722045018	R.Santhosh Martin	27
16	111722045019	R.S.Gurusushruth	26
17	111722045020	Shubham Tiwari	21
18	111722045021	V.Saikumar Reddy	22
19	111722045022	V.Pramod	23
20	111722045023	P.Sravani Reddy	24
21	111722045024	Shivanand Kamalekar	21

CERTIFICATES

FACULTY CERTIFICATES

R.B.V.R.R. WOMEN'S COLLEGE
Hyderabad, Telangana, India

International Multi-Disciplinary Conference on
"Innovations in Science and Technology for Sustainable Ecosystem – Challenges and Opportunities"
2-3 December 2022

Certificate

This is to certify that

Dr. Radhika Rani-L.
Loyola Academy, (Secunderabad).
has participated and presented a Paper (Oral / Poster) entitled
Design and Development of Coal Mine Surveillance Robot.
in International Multi-Disciplinary Conference on
"Innovations in Science and Technology for Sustainable Ecosystem – Challenges and Opportunities"
organized by Department of Botany and Food & Nutrition, R.B.V.R.R. Women's College, Hyderabad from 2-3 December 2022

Dr. S. Ravi Kiran
Organizing Secretary

Dr. B.S. Ravi Kumar
Convener

Dr. A. Rajani
Convener

J. Achyutha Devi
Patron

Ministry of Education
Government of India

MoE's INNOVATION CELL
(GOVERNMENT OF INDIA)

INSTITUTION'S INNOVATION COUNCIL
(Ministry of Education, Government of India)

AICTE
All India Council of Technical Education

This is to certify that

Dr.L.Radhika Rani

of

Loyola Academy, Telangana

has undergone Innovation Ambassador (IA) training 'Foundation Level' (Total 15 Sessions of 30 contact hours) conducted in online mode by MoE's innovation Cell & AICTE during the IIC calendar year 2021-22.

Dr. Abhay Jere
Dr. Abhay Jere
Chief Innovation Officer
MoE's Innovation Cell

Mr. Dipan Sahu
Mr. Dipan Sahu
Assistant Innovation Director
MoE's Innovation Cell

Date of Issue: 29-10-2022

E-certificate No: IA/Foundation/1021176











SunRise University
 Bagad Rajput, Tehsil-Ramgarh, District-Alwar (Rajasthan)
 Estd. 2011
 Approved by Govt. of Rajasthan vide SunRise University Act, 2011
 and Recognized by UGC Act, 1956 u/s 2 (f)
 Toll Free No. 1800 889 5112 | Email Id: registrar@sunriseuniversity.in

Date – 24-05-2022

To,
Taduri Suneetha
 S/D/O Venkateswarlu

Sub: Pre-PhD Entrance Test and Personal Interview clearance letter.

Dear Scholar

This is to inform you that you have qualified the Pre-Ph.D. Entrance Test and Personal Interview held on 24.04.2022 & 22.05.2022 respectively for the admission to Ph. D Programme (Computer Science & Engineering) of the University.

You are directed to deposit your first year fee as per schedule by Cash, Online or Demand Draft (in favor of 'Sunrise University', payable at Alwar.)

You are instructed to attend the Course Work Programme at the University campus on weekends commencing from 04-06-2022.

If you are employed in any organization, it is mandatory to submit your "No Objection Certificate" issued by your organization for doing Ph.D.




Director/Dean Research



Registrar

website : www.sunriseuniversity.in



DOGGO RANGSANG
 Research Journal
 দগুগো বাংছাং
 গবেষণা পত্রিকা

ISSN : 2347-7180

CERTIFICATE OF PUBLICATION

This is to certify that the article entitled


A NOVEL E-LEARNING USING EDUCATIONAL CLOUDS

Authored By

T. Suneetha,
 Research Scholar, Department of Computer Science and Engineering, Sunrise University, Alwar, Rajasthan. & Assistant Professor, HOD, Department of Computer Science and Internet of Things, Loyola Academy, Alwar, Secunderabad

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 University Grants Commission



Chief Editor
 (Hon.) – Dr. Upen Rabha Hakacham



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INSTITUTE OF TECHNOLOGY (A)**
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EDUCATION



DEPARTMENT OF PHYSICAL EDUCATION

3 DAY NATIONAL WEBINAR

on

**LATEST COMPETITION
AND TECHNICAL RULES IN ATHLETICS**

Certificate of Participation





This is to certify that Dr./Mr./Ms. Mrs T. Suneetha of Loyola Academy Degree and PG College has participated in 3 Day National Webinar on **LATEST COMPETITION AND TECHNICAL RULES IN ATHLETICS** held from 01-08-2022 to 03-08-2022 on the occasion of **NATIONAL SPORTS DAY** .



Dr. R. Rajeswari
Convener



Prof. P. Ravinder Reddy
Principal



GITAM
(DEEMED TO BE UNIVERSITY)
VISAKHAPATNAM • HYDERABAD • BENGALURU







**CERTIFICATE
OF PARTICIPATION**

PROUDLY PRESENTED TO

Thaduri Suneetha

for successful completion of One Week Faculty Development Program on
“Amazon Web Services (AWS)” during the period of 22nd - 27th August 2022
 Organized by Department of Electrical, Electronics and Communication Engineering,
 School of Technology, GITAM (Deemed to be University), Hyderabad
 in collaboration with BrainOVision Solutions India Pvt.Ltd &
 All India Council For Technical Education (AICTE)



Ganesh Nag
Poddi
Founder & CEO



M Naresh Kumar
Asst.Prof., Convener
GITAM



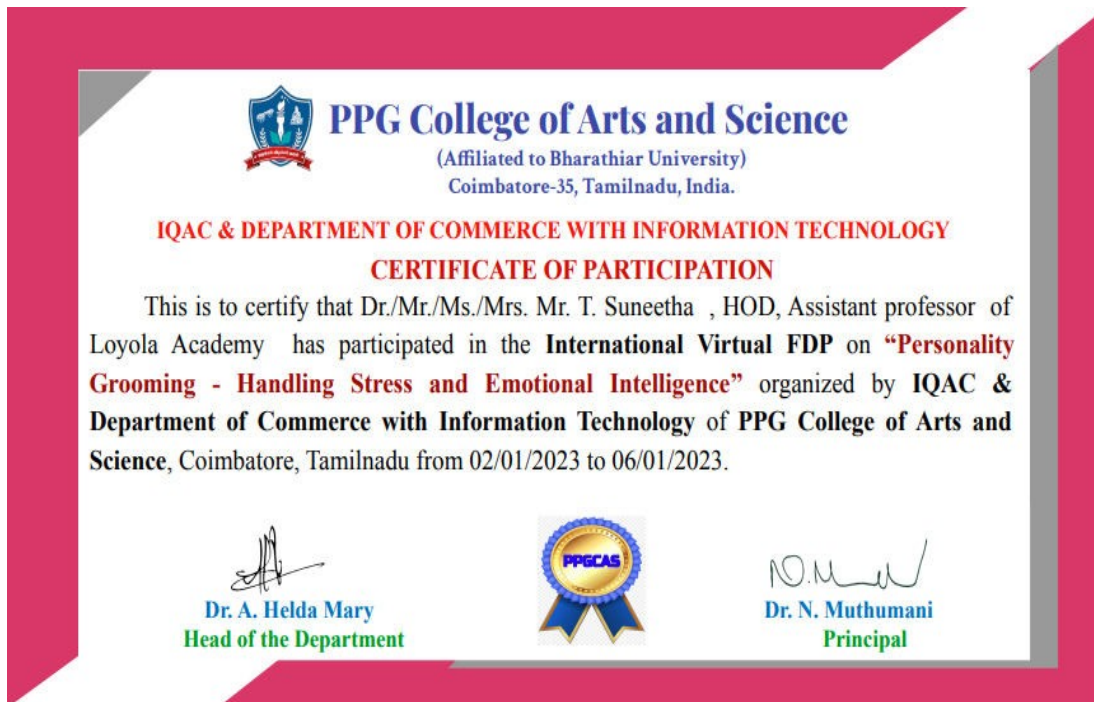
Prof. T. Madhavi
HoD-EECE
GITAM



Prof. N Seetharamaiah
SoT-Principal
GITAM





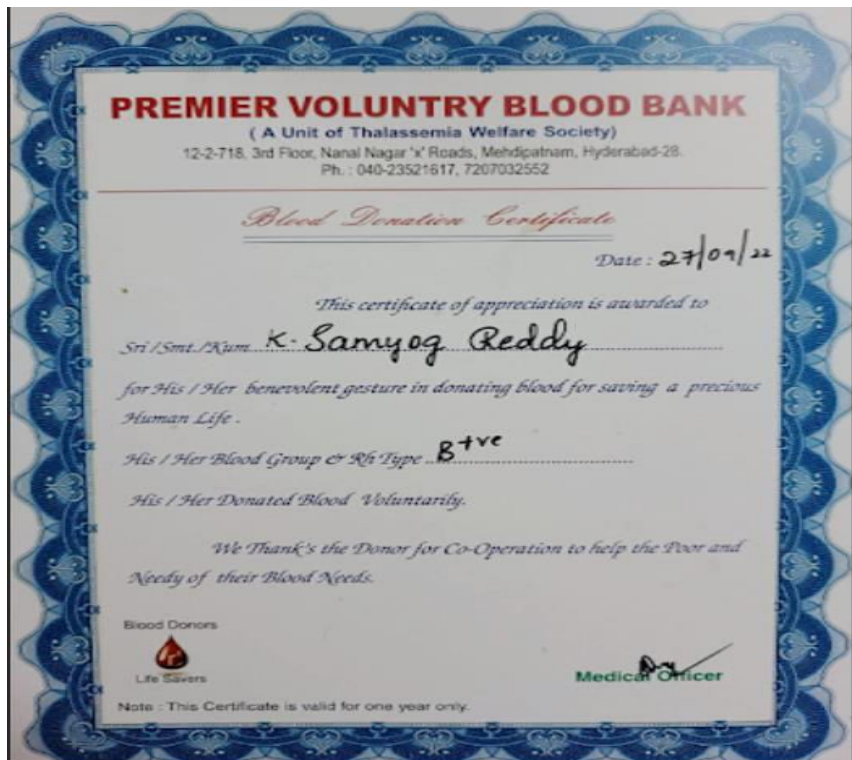


STUDENT CERTIFICATES

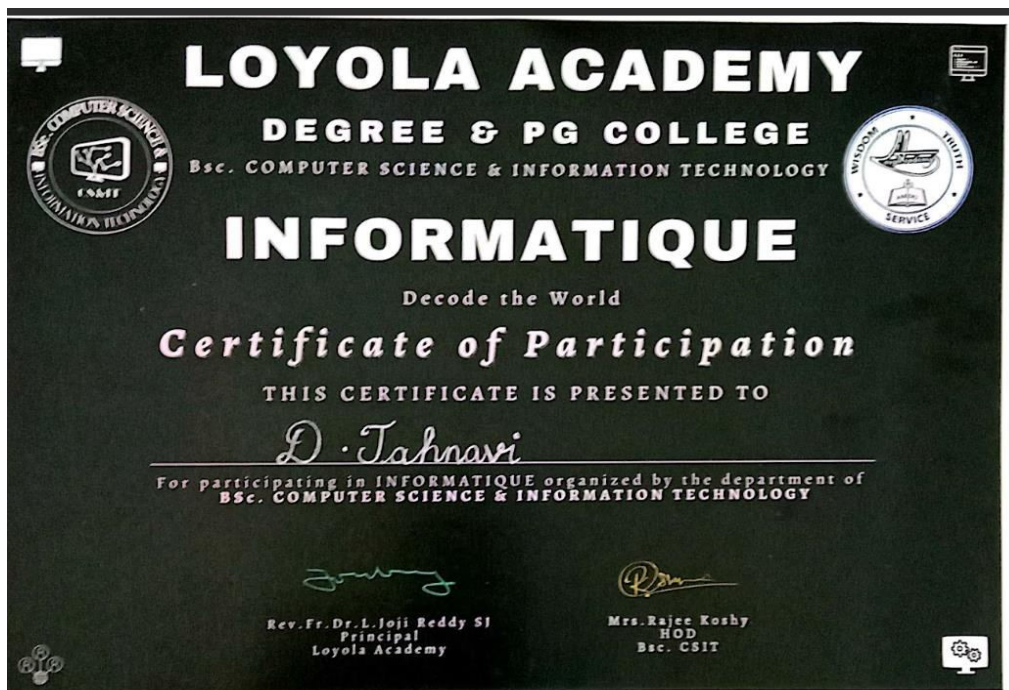




















GOVERNMENT DEGREE COLLEGE
KHAIRATABAD, HYDERABAD
RE-ACCREDITED WITH 'B+' GRADE BY NAAC
WORLD SCIENCE DAY - 2022
CERTIFICATE OF MERIT



Bsc. CSIoT

This is to certify that Anshu varma of Year/Group of
LOYOLA ACADEMY has successfully completed the online quiz in **“General Science”** organized by
DEGREE AND PG
COLLEGE the Departments of Physics on **10.11.2022** on the eve of **“World Science Day –for Peace and Development.”**


Ms.Chandana.N
 Head/Convenor


Dr.B.Rajendra Kumar
 Principal





RAMAPURAM
SRM
SRM Institute of Science and Technology

Faculty of Engineering and Technology
 Department of Computer Science and Engineering

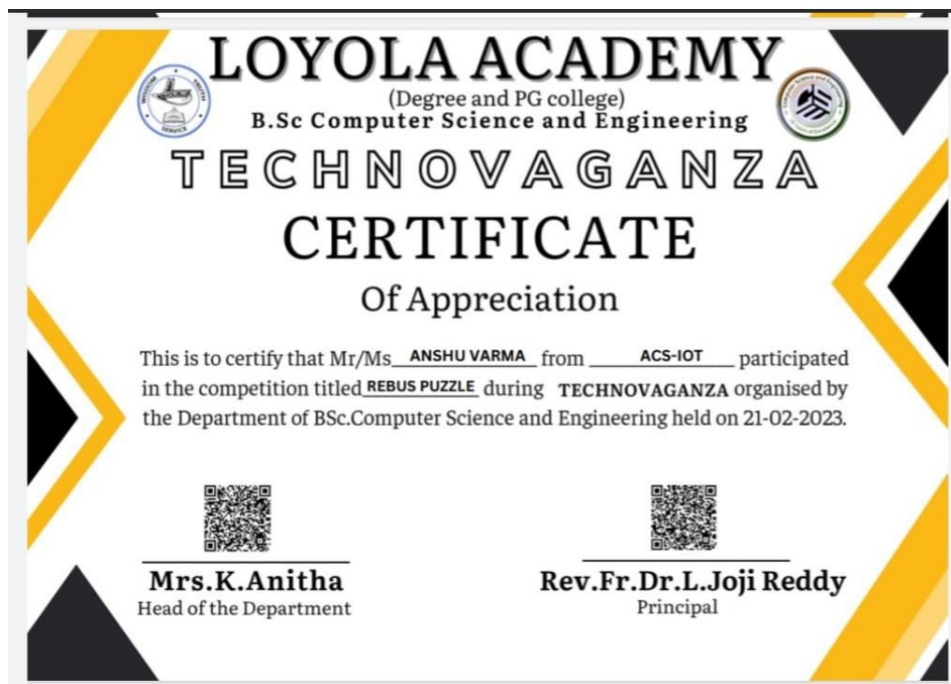
INGINITE 2023

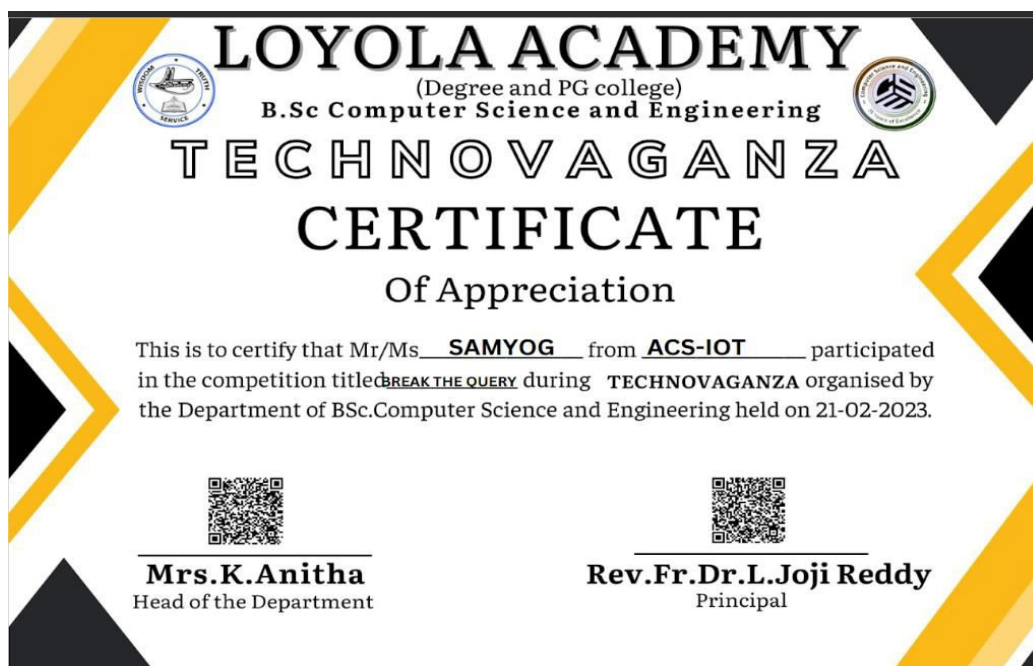
Certificate



This is to certify that
ANSHU VARMA
 of
Degree 1st year
 has participated in the
Webinar on GOOGLE COLAB TUTORIAL held on 3rd March,
 offered by **IGNITE 2023**, organized by
Department of Computer Science and Engineering
SRM IST Ramapuram Campus , Chennai.


Dr. K. Raja
Prof. & Head., Dept. of CSE
 SRM IST, Ramapuram


Dr. M. Murali Krishna
Dean - Engineering & Technology
 SRM IST, Ramapuram









LOYOLA ACADEMY
(Degree and PG college)
B.Sc Computer Science and Engineering



TECHNOVAGANZA
CERTIFICATE
Of Appreciation

This is to certify that Mr/Ms K.SAMYOG from ACS-IOT participated in the competition titled DEBATE during **TECHNOVAGANZA** organised by the Department of BSc.Computer Science and Engineering held on 21-02-2023.



Mrs.K.Anitha
Head of the Department



Rev.Fr.Dr.L.Joji Reddy
Principal



LOYOLA ACADEMY
(Degree and PG college)
B.Sc Computer Science and Engineering

TECHNOVAGANZA
CERTIFICATE
Of Appreciation

This is to certify that Mr/Ms K.SAMYOG from ACS-IOT participated in the competition titled ONLINE QUIZ during **TECHNOVAGANZA** organised by the Department of BSc.Computer Science and Engineering held on 21-02-2023.



Mrs.K.Anitha
Head of the Department

Rev.Fr.Dr.L.Joji Reddy
Principal

