

PIXELS

Department of Computer Science and Engineering

INDUSTRY-ACADEMIA INTERACTION



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
ORGANIZES
WEBINAR

INTRODUCTION TO AR & VR
8TH DECEMBER 2021, 7:30 PM

ER. SHYAM PRADEEP
INFUSORY FUTURE TECH LABS PVT. LTD.,
THRISSUR
CO-FOUNDER AND CHIEF OPERATIONS OFFICER

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On 8 December 2021, the Department of CSE & Vega organized a Webinar as part of Industry - Academia Interaction on the topic "Introduction To AR & VR" in association with Infusory Future Tech Labs Pvt. Ltd., Thrissur. Mr. Er. Shyam Pradeep, Co-founder, and Chief Operations Officer, Infusory Future Tech Labs Pvt. Ltd. was the resource person. The Webinar started with a welcome speech by Prof. Anju Raveendran, HOD (CSE), and expressed gratitude to Prof. Dr. C. P. Sunil Kumar FIE, Academic Director, SNGIST Group of Institutions and National Executive Council Member, ISTE, New Delhi, for arranging such an informative webinar session. Students from S3(2020-24 Batch), S5(2019-23 Batch), S7(2018-22 Batch) B.Tech CSE, and all faculty from the CSE department have participated.

CONGRATULATIONS



The result of B. Tech S6 (R,S) Exam July 2021 published and we are pleased to announce that our student, Ms. Anjali C. A. (2018 - 2022 Batch) secured O grade in all courses of Semester VI.

CHRISTMAS CELEBRATION @ 2021

Christmas brings cheer and love and we celebrate it with the same fervor, spreading the message of love and joy among our students. The pre-Christmas celebration was held on 23 December 2021. A series of activities related to the theme was organized for the students such as Crib making, Christmas card making, Carol competition and Christmas tree making.



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
Presents
Lumina Stelelor Seava
CAROL COMPETITION
On 23rd December 2021, 10:00 am
After inauguration
And also wishes
A Joyous Christmas to all!
For enquiries contact:
MERIN BENNY (9072325290)
MARTIN PAUL (9400225616)

CAROL COMPETITION

The campus was decorated with Christmas trees and goodies which set the perfect aura for the event. Colorfully dressed choirs filled the air with melodious carols. Students of CSE department bagged the championship winning the best malayalam carol at 'Lumina Stelelor Seara Carol Competition'. The participants include Martin Paul, Merin Benny, Delna K. J., Sneha K. J., Aswin Sivan, Aswin Anil, Prayag K. Davis (S7 CSE), Kripa Mariya Thomas (S5 CSE), Edwin Benny, Alan K. Anil and Ancitta Alex (S3 CSE). The competition was judged by Dr. Sagini Thomas Mathai, Principal, Prof. Soni P. M. (MCA) and Prof. Tilson Thomas (ME).



CRIB-MAKING COMPETITION

The crib-making competition was organized by the EEE & ECE department. The first prize was bagged by the CSE department. The participants are Jenin Joseph, Dhipin M. K., Alan K. Anil, Althaf Hussain M. U., Ashna Manoj, Shilpa Shivanandhan and Binu Krishnan (S3 CSE). The creativity and originality of the crib were well appreciated by the judges. The prize was distributed by Prof. K. S. Pradeep (Manager), Mr. V. P. Asprasad (Treasurer) and Dr. Sagini Thomas Mathai (Principal).



CHRISTMAS TREE MAKING COMPETITION

The participants of Christmas tree making include Edwin Benny, Alan K. Anil, Anulakshmi Shibu (S3 CSE), Merin Benny and Sanjana Sajeevan (S7 CSE).



CAKE CUTTING CEREMONY

At the end of the celebration Prof. Anju Raveendran, HOD (CSE) congratulated the students for organizing the events and for their participation. The students from S3,S5 & S7 CSE department attended the cake cutting ceremony.



ADVISORY MEETING

The Department of CSE conducted an advisory meeting on 01/12/2021 for S7 CSE (2018 - 2022) Batch, after completing the first internal examination. All parents attended the meeting and progress reports were delivered to each parent.

PLACEMENT



Congratulations to Ms. Anjali C. A. (2018 - 2022 Batch), for getting placed as Software Engineer, IBS Software, Trivandrum.

TECH SAVVY



Malika Joshi (S7 CSE)

INTELLIGENT PROCESS AUTOMATION : THE ENGINE AT THE CORE OF THE NEXT-GENERATION OPERATING MODEL

Intelligent Process Automation is one aspect of a broader shift in technology, that of Automation as a whole. From driverless cars to autonomous drones, automation is helping make seemingly space-age technologies available today by creating and leveraging new forms of intelligence. Whether it's customer communications in the form of desktop assistants, or automated tasks across an enterprise, automation is transforming the way we live and work.

Forrester predicts that "this automation will become the tip of the digital transformation spear, impacting everything from infrastructure to customers and business models." To deliver services based on this automation, organizations need to orchestrate their complex operations through automated processes.

Intelligent Process Automation (IPA) is the collection of technologies that come together to manage, automate and integrate digital processes. The primary technologies that make up IPA include Digital Process Automation (DPA), Robotic Process Automation (RPA) and Artificial Intelligence (AI).

DPA describes the agile set of intelligent process automation technologies that have evolved from their roots in BPM (Business Process Management) technology. DPA provides the agility and insight needed to enable a holistic approach to automating business processes. It enables you to manage the flow of data across your enterprise and makes it easier to identify areas for improvement and make agile changes. Alternatively, RPA brings speed and efficiency to the table. Deploying robots that mimic human actions helps to reduce very manual, labor-intensive tasks, such as rekeying data from one system to another. AI then contributes great intelligence and decisions to the mix. This brings another level of thinking to automation as AI can analyze data in a way that a human could not, recognizing patterns in data and learning from past decisions to make increasingly intelligent choices. While these technologies are all powerful in their own right, deploying them individually is not enough. By uniting labor-saving solutions such as RPA and AI with DPA, you can ensure that you are taking a strategic approach and automating not only tasks, but entire processes, enterprise wide.

Benefits of Intelligent Process Automation

Many companies across industries have been experimenting with IPA, with impressive results: automation of 50 – 70% of tasks, which has translated into 20 – 35% annual run-rate cost efficiencies,” reports McKinsey. This is achieved in the following ways:

Orchestration of Humans and Robots

Rather than simply deploying technologies like RPA in silos and leaving them to complete individual tasks, Intelligent Process Automation can help to coordinate work between robots, people and systems. Robotics are all well and good, but unless you integrate them with an IPA platform, you will end up with isolated solutions as opposed to enterprise-wide solutions.

Freeing up Employees from Routine Tasks

Employees can be released from labor intensive tasks by RPA and set to work in more efficient areas. By combining DPA and AI, you can rest assured that the correct decision is being made because it is planned out in the workflow with AI helping to make informed decisions along the way.

Ensuring proper Governance and Minimizing Risk

By automating end-to-end processes, you can reduce the risk of errors such as incorrect data entry. RPA takes care of this automating tasks, but if it breaks or deviates from the organizational standard, IPA gives you the peace of mind knowing that your processes are consistently being completed.

End-to-end Visibility of Processes and the Customer Journey

When individual automation technologies are deployed, it can be hard to see the enterprise-wide result. Using IPA, you can see the entire process, allowing you to identify bottlenecks or points at which the customer journey could be smoother.

Agility and Speed of Process Change

IPA enables you to not only accelerate end-to-end processing but also makes it easy to make agile changes to processes and the technologies that support them. This helps organizations to continually improve their business processes.

A typical example of a use case for Intelligent Process Automation is a situation where organizations need to bring data to customers, but manual tasks take up significant time, such as insurance claims processing or automating customer requests.

One of the largest banking groups in Latin America, Bancolombia, is using Bizagi as its Intelligent Process Automation Platform to deliver better customer service, both digitally and in-branch, helping humans and robots to work together effectively. The scale of what they have achieved in this space is beyond that of many of the world's banks. One example of their achievements is the combination of Robotic Desktop Automation, coordinated by the Bizagi IPA platform, to support its branch employees by presenting them with the correct customer information in real-time, with AI recommending the best service for that person. This has seen a 59% increase in efficiency of services time and freed up over 515,000 hours per year in branch. “Advances in artificial intelligence, robotics, and automation, supported by substantial capital investments, are fueling a new era of intelligent automation, which is likely to become an important driver of organizational performance in the years to come.”