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SINCE 1952 ◆

# IMPRESSIONS

SIGA POLYTECHNIC COLLEGE



**Bro. Julian Santi SDB**

*91<sup>st</sup> Birth Anniversary*



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HoD - Printing



## SIGA POLYTECHNIC COLLEGE

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My dear students,

In this unprecedented time that we are living in today, changes can happen at anytime and anywhere. It's important that we constantly be quick in adapting to the changes and agile in our ways of working to cope with the ever-changing environment. The Printing industry is undergoing a phenomenal transformation, for good, and players must adapt to these changes as soon as possible to drive resilience and bounce back. Digital Printing can help printers to be fast and agile where the printers can use digital for the short runs and continue to use the offset for long runs. The entire transformation process will take some time, but those who quickly acclimatize to this change will be the ones to run profitable and be relevant for their customers.

Many people predicted the death of print like books, advertising, newspapers, and magazines began to move online. However, this prediction has yet to come true, and many aspects of the industry are in better shape than they have ever been. Direct marketing efforts, promotional materials, brochures, catalogues, and other printed materials are still used by businesses. Print is now considered a higher-quality, more tactile, and more professional option to its online alternatives.

The printing sector has remained robust and relevant throughout the digital revolution by adopting new technologies, streamlining consumer needs, and delivering various products and services. Those who have failed to adapt to new technologies and business methods have either gone out of business, been acquired by another company, or are finding it increasingly difficult to stay in business.

Just as the printing industry is always evolving, innovating, and adjusting to the demand from the consumers, so too as individuals in this printing industry, we too need to evolve. SIGA offers you ample opportunities to become skilled in various sectors of Printing Technology. Don't miss the bus! I wish you all the best as we continue our journey into 2024!

**Fr. Dominic Matthews SDB**  
Rector/Manager/Secretary

# Shining Tamil Nadu, Shining Tamils

Tamil Nadu Government to felicitate ISRO scientists

The Tamil Nadu government is to felicitate nine scientists of the Indian Space Research Organisation (ISRO) who have pursued their school and higher education at institutions in Tamil Nadu for their commendable work in the field of space research.

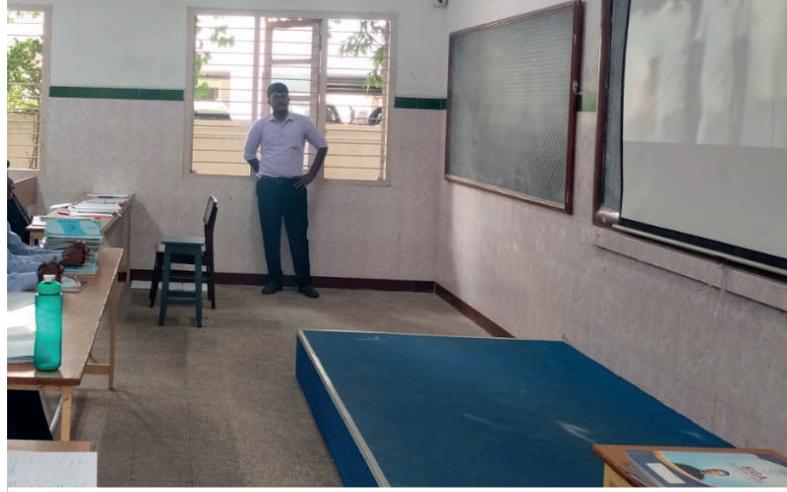
The felicitation ceremony will be held under the chairmanship of the Hon'ble Chief Minister on 02.10.2023 at Anna Centenary Library, Kotturpuram, Chennai.

In a circular to all the higher education institutions, the government has requested that the live telecast link of the felicitation ceremony be played to all students on 02.10.2023.

The government insists that if the video has not been played in each and every higher education institutions they are instructed to at least share the video link with the students on 09.10.2023 and ensure that they all watch it without fail.

A report of an action taken in this regard is to be sent to the government without fail before 2.00 P.M. 9th October 2023.

This is a welcome move by the Tamil Nadu government to recognize and honor the contributions of ISRO scientists. It is also an opportunity for students to learn about the work of these scientists and to be inspired by their achievements.



# Mental Health

Issues Faced by Youth and Solutions

Mental Health is a Universal Human Right

**Tuesday 10 OCT. 2023**



of common mental health problems, such as anxiety and depression.

Empowering Youth: Addressing Mental Health Challenges and Pledging for a Brighter Tomorrow. SIGA PTC celebrates World Mental Health Day with a talk on mental health issues faced by youth and solutions for the same.

She also spoke about the specific mental health issues that youth face, such as academic pressure, bullying, and relationship problems. She offered tips on how to cope with these challenges and maintain a healthy mental state.

On Tuesday, October 10, 2023, SIGA PTC celebrated the World Mental Health Day with a special program in the ITS Lab. The program featured a talk by Mrs. Virgin Vinodini, a counselor from Niraivagam, a mental health institute in Chennai.

The objective of the program was to raise awareness about mental health issues among students and to reduce the stigma associated with mental illness. She helped the students to promote help-seeking behaviours and emotional well-being practices to prevent suicide

Mrs. Virgin Vinodini spoke to the students about the importance of mental health and how to take care of their emotional well-being. She discussed the signs and symptoms

The program focused also on the presentations on mental health issues such as bullying, anger, stress, and depression. It also included an anonymous Q&A session and Icebreaker game.





**At the end of the program, students took pledges to enhance their mental health. The pledges were as follows:**

1. I pledge to enhance my mental health.
2. I solemnly pledge to care for my holistic health and safeguard my intellectual, emotional, and spiritual well-being.
3. I commit to embracing my in-built self-worth, practicing self-awareness, and practicing mindfulness in my duty as a student at SIGA Polytechnic College.
4. I vow to utilize the resources in my family, college, and surroundings, engaging in active learning and deriving joy from my pursuits.
5. I dedicate myself to understanding my strengths and weaknesses and to tirelessly working towards improvement, utilizing the resources available to rebuild my well-being.
6. I promise to graciously accept the feedback for my personal growth from my parents, teachers, and mentors and to seek support wherever and whenever I require it.
7. I commit to helping others, especially my family members and schoolmates, and enjoying a happy and fulfilled life.

# Industry 4.0: A Glimpse into the Future of Technical Education



தொழில்நுட்ப மையம்  
அரசு தொழிற்பயிற்சி நிலையம்  
கிண்டி



Industry 4.0 is the fourth industrial revolution, and it is characterized by using advanced technologies such as artificial intelligence, robotics, and the Internet of Things. These technologies are transforming the manufacturing industry, and it is important for students to be prepared for the changes that they will bring.

To have an exposure of Industry, our SIGA students had the opportunity to visit the Government Industrial Training Institute, Guindy, Chennai on 19, October 2023. It was a valuable experience for students who are interested in pursuing a career in a technical trade.

The ITI's well-equipped laboratories and workshops provide students with the opportunity to learn and practise using the latest machinery and tools. This hands-on training

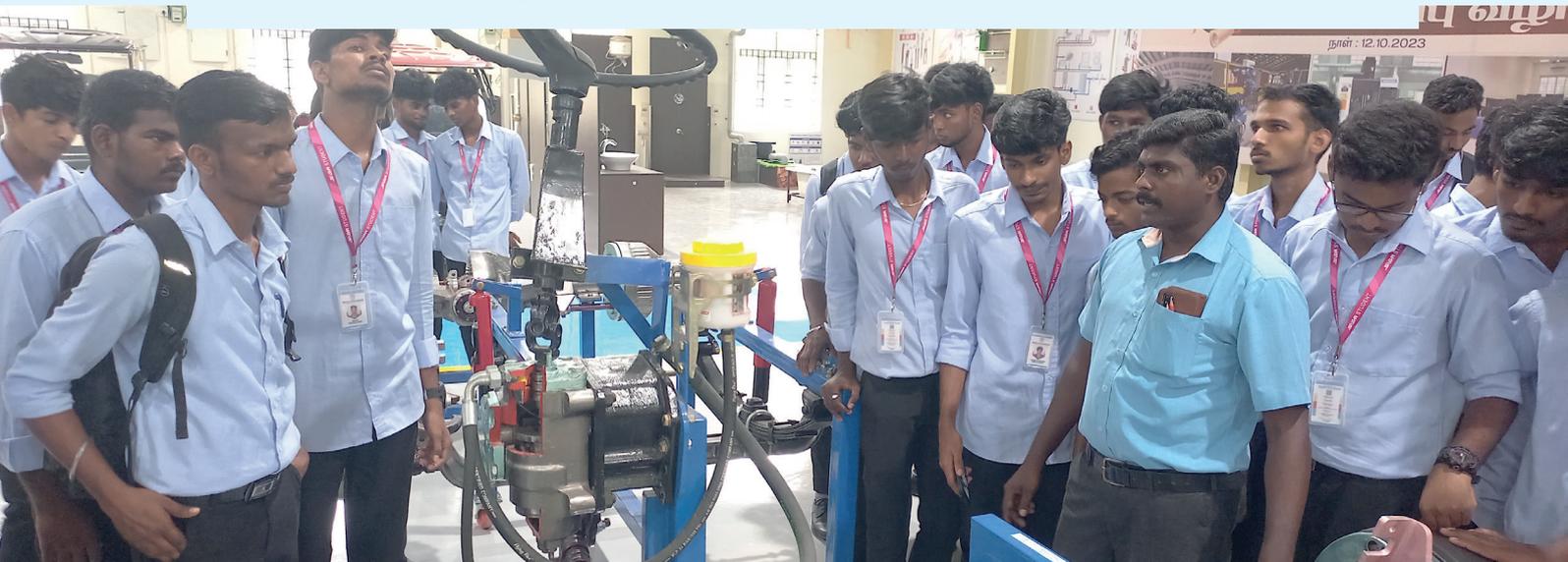
is essential for students to develop the skills they need to be successful in the workplace.

Our students were particularly impressed by the fact that the faculty of the institute explained the practical training methodologies and demonstrated the use of different equipment. This was for students to learn about the distinct aspects of their chosen trade and to see how the equipment is used in real-world settings. Our students were able to appreciate the hands-

on learning environment at the ITI. This type of learning is essential for students to develop the skills to be successful in their careers.

Our students are confident that the visit will benefit from their visit to the Government Industrial Training Institute, Guindy, Chennai. Mr. M. Subash, Lecturer, and Mr. I. Sagayaraj Jerold, Instructor, accompanied the students to the industry.

**Photo by: GDC 3 Yr**



நாள் : 12.10.2023





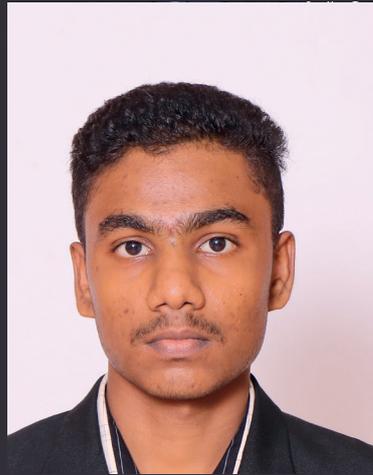
ARNALD AKASH RAJ A



BASLIN NASREN A



JEROMIN A



SAVIO ROHITH J

# 100 % ATTENDANCE

2023 - 2024 GDC II Year

Perfect attendance is essential for the smooth learning process of students. When all the students are present, we can provide the best possibility in teaching and learning to our students and achieve our goal.

The college appreciated and congratulated the students who were present regularly for the Fifth Semester and scored 100% attendance. This is a significant accomplishment, it is important to recognize their sincerity and commitment to the learning process.

As a token of appreciation, Rev. Fr. P.T. Joseph, the Principal and Mr. Ignatius Adaikala Raj, Head of the Department Printing Technology presented them mementos.

The students were: Jeromin A, Saviorohith J, Arnold Akash Raj A & Baselin Nassen A

This helps usw achieve great things together in the future





Leo Anthony S



Ajay Raj



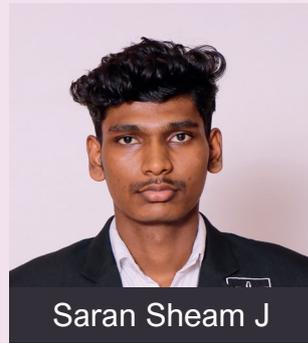
Paul Williams A



Felix M



Anish Raj A



Saran Sheam J



Vinoth S

## ENTREPRENEURSHIP SKILL AND CAREER GUIDANCE TRAINING

26 October 2023

It is great to hear that our college Entrepreneur Cell is providing training on Screen Printing job for our students printing files in minimum cost. Students are enthusiastically involved in developing this entrepreneurship skill. It is very commendable that the students took on this project of printing the college emblem in the Diploma Certificates Files which was given away for the 2022 batch students in 72nd Convocation held in October 21, 2023.

Our college is sure that the following Final year GDC students involved in their job. They were: Anish Raj A, Leo Anthony S, Ajay Raj, Felix M, Vinoth S, Saran Sheam J, and Paul Williams A, our college is proud of their accomplishment. They should be commended for their hard work and dedication. We would also like to acknowledge the guidance provided by Mr. Ignatious Adakala Raj, Head of the Department of Printing Technology and Mr. Wasim, Lecturer in Printing Technology.

Here are some specific benefits that

the students gain from participating in this type of training:

**Developing technical skills:** Students learn how to operate screen printing equipment and produce high-quality prints.

**Developing business skills:** Students learn how to market and sell their products, manage their finances, and grow their business.

**Gaining confidence:** Students learn to take risks and believe in themselves.

**Becoming more employable:** Employers are looking for candidates with entrepreneurial skills, such as creativity, problem-solving, and initiative.





## 72<sup>nd</sup> CONVOCATION CEREMONY

October 20, 2023

Convocation is a formal ceremony held to celebrate the graduation of students from an educational institution. It is a time to recognize the students' hard work and achievements, and to wish them well as they embark on the next chapter of their lives.

72<sup>nd</sup> Convocation ceremony was held in our SIGA Polytechnic College, Kilpauk, Chennai on October 21, 2023, to celebrate the graduation of the 2022 batch. Over 165 students received Government Diploma certificates in printing technology and SIGA Diploma Certificates in printing technology.

The ceremony began with a welcome address by Rev. Fr. P.T. Joseph, SDB the Principal, who congratulated the graduates on their achievements and wished them well in their future endeavours. Rev. Fr. Dominic Matthews, SDB the Rector and Secretary was the Chief Guest of the day. Rev. Fr. Lio Charles, SDB, the Vice-Principal, Rev. Fr. Moses D'Souza, SDB, the

Administrator, Rev. Fr. Thomas Savari, SDB, the Campus Minister and Rev. Fr. Sahayaraj SDB, Liturgical Animator were invited as special guests for the day.

The Chief Guest shared about the importance of education in preparing students for the challenges and opportunities of the 21st century. He also encouraged them to pursue their dreams with passion and determination. Mr. Ignatius Adaikala Raj, Head, Department of Printing Technology GDC and Mr. Meril Anand, Head, Department of SDC read out the name of the graduates and then Rev. Fr. Dominic Matthews, the Chief Guest, issued diploma certificates to the graduates. As each graduate received their diploma certificates, the crowd cheered and applauded.

After receiving their diploma certificates, our college alumni shared their individual experiences and insights with society and in working places. They also



expressed the opportunities and a lot of insights provided by our institution to navigate the challenges in the world.

The convocation ceremony concluded with the national anthem, and after that graduates left the ceremony hall to celebrate with their families and friends.





## 91<sup>st</sup> BIRTH ANNIVERSARY OF Br. SANTI SDB

"I have fought the good fight, I have finished the race, I have kept the faith"

**October 20, 2023**

The 91<sup>st</sup> birth Anniversary of Br. Santi was celebrated as a community along with the SIGA college students. The Holy Eucharistic was celebrated and solemnized by Rev. Fr. Mosses D'Souza SDB who gave a brief introduction about the life lived by Br. Santi, SDB and the homily was preached by Rev. Fr. Thomas SDB about the life of Br. Santi, and his experience of being with Br. Santi.

The rest of the community members took part in the Eucharistic celebration and prayed for Br. Santi and offered flowers for his photo. At the end of the Eucharistic celebration, Rev. Fr. P.T. Joseph SDB the principal thanked the members of the community and the entire college students, staff who made the event a successful one.

The entire campus prayed for the great personality and admired his untiring hard work and dedication he put for the upliftment of SIGA press

and the entire campus. Br. Santi lived a simple life but in an extraordinary way. He lived and worked in SIGA for 56 years and left a great legacy, and educated more young people by providing job opportunities and giving them bright future.

He also encouraged the young to pursue career opportunities. He stood as an outstanding brother in bringing up the poor young people, and he was such a remarkable person who dedicated his life to work for the young people.

During his life time in SIGA, he mainly focused on the various initiatives that directly benefited the young people, especially in the printing field.

He developed the printing press and showed the way to many young people, growing up in a community where limited resources and opportunities that young people faced in their pursuit of education



and personal development. This experience fueled his determination to make a difference in the life of so many vulnerable young people who had no future, and provided them bright future.

One of the most significant contributions founded by Br. Santi was, his dedication to empowering the youth through printing. This

printing has created a lifeline for countless young individuals, providing them with the tools and support needed to overcome challenges and achieve their dreams. He helped them to discover their strengths and passions. His guidance was instrumental in steering the young people towards promising careers and fulfilling lives.



## IPAA – TOURNAMENT 2023

OCTOBER 13, 2023

SIGA Polytechnic College organized **TWO INTER-POLYTECHNIC TOURNAMENTS** in collaboration with the Inter Polytechnic Athletic Association; a basketball tournament and kabaddi tournament on 4<sup>th</sup>, 5<sup>th</sup>, & 7<sup>th</sup> October 2023.

The basketball tournament attracted six teams, while the kabaddi tournament attracted 20 teams. Both tournaments provided a platform for students from different polytechnic colleges to showcase their skills and compete in a healthy and competitive environment.

Sri Durgadevi Polytechnic College, Kavarpetai, Thiruvallur District, seized the

first prize in basketball and Murugappa Polytechnic College, Avadi placed second and SIGA Polytechnic College placed Third.

In Kabaadi Sri Durgadevi Polytechnic College, won the First Prize and Central Polytechnic College, Tharamani, and SIGA Polytechnic College, won the Second and the Third prize.

The participation of Rev. Fr. Moses D' Souza SDB Administrator, and Rev. Fr. Lio Charles SDB Vice-Principal, in the prize distribution ceremony showed that the college administration supports sports and extracurricular activities.

## ACHIEVEMENT IN NIGHT MARATHON RACE.

OCTOBER 13, 2023

To establish "Drug free Tamil Nadu" Chennai Greater City Police organized Race Day called Night Marathon on 2<sup>nd</sup> Oct. 2023 from Vel-Tech University, Chennai to Avadi. Mr. A. Arasu and Mr. Ajay Arul III year Printing Technology students participated and ran for 5km non-stopping and reached the destination very quickly. As a token of appreciation, they were awarded bronze medal with

certificates. Rev. Fr. Lio Charles, SDB, the Vice-Principal and Mr. J. Ignatius Adaikala Raj, Head of the department Printing Technology GDC appreciated and congratulated the students in front of the students with medals and certificates given to them. Our college sincerely appreciate these students' achievement for bringing laurel to our institution.



# DON BOSCO GLOBAL YOUTH FILM FESTIVAL

13 OCTOBER 2023,  
09:00 AM

DON BOSCO AUDITORIUM,  
EGMORE - CHENNAI



*Hearty Welcome*



DON BOSCO GLOBAL  
YOUTH FILM FESTIVAL  
13<sup>TH</sup> OCTOBER 2023

FEAST YOUR EYES WITH THE  
**BEST OF WORLD'S  
SHORT FILMS**



**09:00 AM**  
**DON BOSCO AUDITORIUM, EGMORE**

## A Film Festival – DBGYFF 2023

OCTOBER 13, 2023

It is encouraging that DBICA (Don Bosco Institute of Communication Arts) held a film festival on 12.10.2023 in Don Bosco Auditorium, Egmore, Chennai, to promote cinematic exploration and cultural enrichment. What is even more impressive is that 60 SIGA Polytechnic College students attended the film festival and helped with logistics throughout the day.

Social thematic short films were screened on the day. SIGA Polytechnic College students' enthusiasm for the film festival and relevant debates show their social conscience and dedication to changing the world.

Mr. Sagayaraj Jerald and Mr. Christopher Vasanth should be thanked for taking the students to the film festival and letting them study and grow. We thank DBICA for arranging this significant event and encouraging student cinematic discovery and cultural enrichment.



## Workshop on Basics of Printed Electronics.

OCTOBER 30, 2023

A One-Day Workshop on Basics of Printed Electronics was organized by the Department of Printing Technology for GDC III year students on October 30<sup>th</sup> October 2023. It was great to see that the department is taking steps to expose students to the latest trends in printing technology.

Mr. J. Jeetendra, Trainer and Consultant at The Print Specialist, Production manager at Lotus Designer Wedding Cards and Eflex Colour Screens was the resource person of the day. Students were particularly interested in the experiment on print heating, which is

a new trend in printing technology. It is fascinating to think about how heating ink can be used to form new designs and patterns. Our students learned a lot from this workshop.

We would also like to commend Mr. Ignatius Adaikala Raj, Head of the Department Printing Technology and Mr. Wasim Raja, Event Manager for their efforts to guide the students and make the workshop interesting. It is important for students to have access to experienced professionals who can share their knowledge and insights.



**VISION OF THE INSTITUTION:**

To be at the vanguard of progress in printing, packaging, and visual media by creating authentic and successful professionals who will contribute towards integral development of their family, global community, and environment.

**MISSION OF THE INSTITUTION:**

To offer formal, non-formal continuing education and skill-based programs to the needy and underprivileged students and to match the needs of the printing, packaging, and related industries by following the charismatic pedagogy of Don Bosco.

1. In the field of Higher Education, we are committed to:
2. To excel in Virtue, knowledge, and Art.
3. To become technically sound and socially responsible in all endeavours.
4. To empower themselves with the life coping skills and become a successful entrepreneur.

Socially, we work towards  
To provide a home that welcomes, a school that empowers, and a playground where friendships is groomed.

Spiritually, we aim at  
To impart a holistic education to students as per the ethos of the campus and pedagogy of Don Bosco.

**VISION OF THE DEPARTMENT**

To be a benchmark in the field of printing and packaging by imparting outcome-based technical education to the diploma engineers who

will contribute to the sustainable development of society and print ecosystem.

**MISSION OF THE DEPARTMENT:****M-1: Academic Excellence**

Educate, organize, and train print media techniques to excel as professionals.

**M-2: Hands-on-Training & On-the-Job Training** – Provide state-of-the-art facilities for upskilling in print technology.

**M-3: Bridge the gap between industry and academia** – Facilitating knowledge transfer between industry and academia through workshops, conferences, and other events.

**PROGRAM OUTCOMES:**

**PO1: Basic and Discipline specific knowledge:** Apply knowledge of basic mathematics, science and engineering fundamentals and engineering specialization to solve the engineering problems.

**PO2: Problem analysis:** Identify and analyse well-defined engineering problems using codified standard methods.

**PO3: Design/ development of solutions:** Design solutions for well-defined technical problems and assist with the design of systems components or processes to meet specified needs.

**PO4: Engineering Tools, Experimentation and Testing:** Apply modern engineering tools and appropriate technique to conduct standard tests and measurements.

**PO5: Engineering practices for society, sustainability and environment:** Apply appropriate technology in context of society, sustainability, environment and ethical practices.

**PO6:** Project Management: Use engineering management principles individually, as a team member or a leader to manage projects and effectively communicate about well-defined engineering activities.

**PO7:** Life-long learning: Ability to analyse individual needs and engage in updating in the context of technological changes

### PROGRAM EDUCATIONAL OBJECTIVES (PEOS)

1. Pursue a successful career in the field of Print Media utilizing one's education and contribute to the profession as an excellent employee or as an entrepreneur.

2. Enable to think logically, pursue lifelong learning in the field of Printing Technology.

3. Enhance print media skills, which will enable them to work globally as leaders, technocrat and contribute to nation-building for the betterment of multifaceted society.

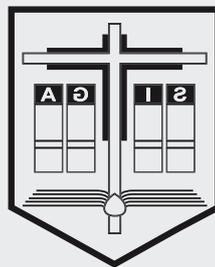
### PROGRAM SPECIFIC OUTCOMES:

**PSO1:** To provide knowledge and skill in the state-of-art eight-colour offset printing, quality packaging and Ink Kitchen.

**PSO2:** To become multifaceted technicians and excel in the interdisciplinary branches such as fine arts, UX and 3D Printing.



Approved by AICTE



Affiliated to DoTE

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