



◆ JUN 2024

SINCE 1952

IMPRESSIONS

SIGA POLYTECHNIC COLLEGE

SIGA -Deemed to be Credited NBA ,under the guidance of NITTR Chennai, through the Margadharshan Scheme





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National Institute of Technical Teachers Training and Research (NITTR)

We're thrilled to announce that SIGA Polytechnic College is on the path to achieving NBA accreditation!

We're proud to partner with the National Institute of Technical Teachers Training and Research (NITTR), Chennai through the Margadharshan scheme to achieve this prestigious distinction.

A special thanks to our faculty members, Mr. Ignatius (Head of the Printing Department), Mr. Vinoth (IQAC), and Mr. Wasim Raja (Printing Lecturer), who signed the Memorandum of Understanding (MoU) on behalf of SIGA. We're also grateful for the unwavering support and guidance of our esteemed, Rev. Fr. Joseph PT, Principal and Rev. Fr. Lio Charles, Vice Principal.



STUDENT INDUCTION PROGRAM

As per instruction AICTE, Department of Printing Technology organized Student Induction Program for II GDC students on 11th June 2024 in our college. The aim of this is to pave the way for smooth learning environment of technical education especially printing Technology. Mr. Lawrence Raj and Mr. Rusevelt Ashick facilitated the students with following activities:

Morning Session 9.00am to 09.45am:

Student registration for Induction program was carried by Mr. Lawrence Raj. He felicitated the students to register them in the program and get benefit maximum.

Second Session 09.45am to 10.30 am:

Formation of Class Groups was focused by him in this session. Moreover, students formed Official group among themselves in order to carry out the internship program and project work in the coming days.

Third Session 10.40am to 11.25 am:

This session was conducted to select students' representative to meet their needs and to support the class teacher and other faculty, to act as messengers of all the activities inside and outside the campus.

Fourth Session 11.25 am to 12.10 pm:

This session was an interactive session with, Fr. Principal, focusing on the Institution's vision, mission and legacy. He shared the objective of

starting this institution in this locality and their focus on establishing youth technically sound especially in printing technology.

Fifth Session 12.10pm to 12.55 pm:

Fr. Lio Charles, SDB vice-principal shared this session on Don Bosco principles. He shared the life history of Don Bosco and how he dedicated his entire life for better livelihood of the youngsters.

Sixth Session 1.40pm to 2.25pm:

At this session, Mr. Ignatius Adaikala Raj, Head of Department Printing Technology, interacted with students about the department's Vision and Mission and the purpose of starting this diploma in Printing Technology .Mr. Vinoth, IQAC Coordinator enlightened the students with PEO, PO and PSO

Final Session 02.25pm to 04.05 pm:

The end session was framed by Mr. Lawrence Raj. He took students for campus tour in order to witness the facilities of the college.

DAY-1
11th JUNE 2024

DAY-2

12th JUNE 2024

Session 1:

The second days first session started with Ice Breaking Activities & Self- Introduction headed by Mr. Rusevelt Ashick from 9.00 am to 11.25 am. Students involved in icebreaking games in groups which made them feel free among themselves.



Session 2:

This session was chaired by Mr. Wasim Raja, Lecturer in Printing Technology from 11.25 am to 12.55 pm. He shared about Various Clubs and communities in the college for engaging students in various activities for a holistic formation. He also insisted that each student must enroll himself in minimum three clubs or communities.



Session 3:

The third session was on Interaction with senior students from 1.40 pm to 2.25 pm. In this session, III GDC students shared their experience such as; industrial visits, one month Internship programme at Industries, lab facilities, local infrastructure and other exposure they experience a though SIGA.



Session 4:

The last and final session of the day share were invited to express their memories at SIGA as well as at their work place. They endorses that SIGA is providing one of the best printing technology learning platform for the students who are underprivileged in society and make them global citizens.



The third day of Student Induction program, started with Activity of Technical Event – Production workflow in Printing Industry shared by Mr. Rusevelt Ashick M ,from 9.00 am to 12.10 pm on 13th June 2024.

1. Design:

This is the initial concept for a printed product that we developed. It involved creating graphics, layouts, and choosing fonts and colors.

2. Pre-press:

The design is prepared for printing. The tasks involved at this stage:

- Checking the design for errors.
- Converting the design into a format, compatible with the printing press.
- Color separation
- Creating proofs (test prints)

for client approval.

3. Printing:

This is the actual production of the final product. The printing method will depend on factors like quantity, type of material and budget.

4. Finishing:

This stage involves adding the final touches to the a printed product.

This could include:

- Cutting, folding, and binding
- Lamination or coating for added protection and visual effects.
- Perforating or scoring for easy tearing or folding.

Additional factors influencing the workflow:

- Job complexity
- Communication
- Technology

Outcome of this Session:

- Improved efficiency
- Enhanced quality control
- Increased customer satisfaction

Session 2:

The second session was on the topic Technical Event- Introduction to Packaging by Mr. Lawrence Raj L. This session was fully designed to provide a foundational understanding of the world of packaging, particularly for those new to the field or looking to explore their knowledge.

Topics covered at the session:

- The Fundamentals of Packaging.
- The Packaging Design Process.
- Packaging Technologies.
- Testing and Quality Control.
- The Future of Packaging.

Outcome of the Session:

By attending the second session on Introduction to Packaging, the students gained a comprehensive understanding of the key aspects on this vital field.

They would be better equipped to make informed decisions about packaging solutions, participate in packaging design discussions, and navigate the ever-evolving world of packaging technologies.

PLACEMENT AND CAREER GUIDANCE PROGRAM

The fourth day of the program was on Placement and Career Guidance by Mr. Wasim Raja M, The Coordinator. He informed that these are ample opportunities in The print technology that offers a diverse range of career paths especially for individuals with specific skills and knowledge.

Placement:

- With the Diploma in print technology can find jobs in various sectors, including:
- Printing companies like Offset, Digital, Flexography
- Publishing houses; newspapers, magazines, book publishing
- Packaging companies
- Manufacturing printing components for electronics or other industries

Demand:

There's a growing demand for skilled professionals in printing technology, areas like:

- Digital printing technologies
- Color management
- Sustainable printing solutions
- Printing press operation and maintenance

Starting Salary:

Entry-level salaries in print technology can vary depending on the location, experience, and company size. However, you can expect a range of ₹15,000 to ₹24,000 in India and ₹34,000 to ₹54,000 per month abroad as of June 2024.

14th JUNE 2024
DAY-4





INDUSTRIAL VISIT

To have an exposure of the industry, II year GDC students were taken to visit two Industries namely Best Label Pvt. Ltd, Arumbakkam, Chennai and Kranal Prints Pvt. Ltd, Vadapalani, Chennai on 15th June 2024. Students were divided into two groups consisting of (26 & 27) visited the industries separately. Mr. Sagayaraj Jerald I and Mr. Rusevelt Ashick accompanied the students to the industry visits.

Company: Best Label Pvt. Limited

Date of Visit: 15.06.2024

Students: IInd YEARS GDC

Introduction:

This report details an industrial visit to Best Label Pvt. Limited, a company specializing in security printing, cover label and packaging printing. The visit aimed to provide students with new experience of the label printing and production process.

PURPOSE:

Company Overview: Briefly describe the company's history, product range, and target market.

Production Process:

- **Pre-press;** This process Explains the steps involved in preparing the label artwork for printing, including design software use thin process and quality control measures.
- **Printing;** This process Described the printing method observed (e.g., offset, flexographic).
- **Finishing:** This process Explains the post-printing processes observed, such as die-cutting, slitting, laminating, or varnishing.

Quality Control:

Describes the quality control procedures observed throughout the production process, ensuring label consistency to client specifications.

Key Learnings:

- Highlight the key takeaways from the visit.
- Gaining a deeper understanding of the various stages involved in label production.
- Appreciating the importance of precision and quality control in printing.
- Learning about different printing methods and their applications.
- Recognizing the role of technology in label printing and production.

Overall, the industrial visit to Best Label Pvt. Limited was very relevant and useful. This visit has benefited the students and how the knowledge gained can be applied in their future.

Feedback session :

In the last day of the induction program. students were made to give a report about the program. The reports should include all the session held on all the 5 days of induction program.

BEST LABEL

KRANMAL PRINT

Name of the Industry: Kranal Packaging Industry, Vadapalni , Chennai

Date of Visit: 15.06.2024

Students/Participants: II GDC

Introduction:

This report gives details of the industrial visit to Kranal Packaging Industry; a company specializing in corrugated boxes and flexible packaging. The visit aimed to provide students with first hand experience of the packaging they industry and its production processes.

Purpose:

Company Overview: Briefly describe Kranal Packaging Industry's history, product range, and target market. Students witnessed the packaging machine: usage of die cutting and its packaging the boxes according to its packs.

Production Process:

- **Pre-design:** Kranal Packaging offers design services, this process explains the steps involved in creating packaging solutions for clients, including software used and client interaction.
- **Material Selection:** This Process Describes the process of selecting appropriate packaging materials based on product requirements.
- **Printing:** This process Explains the printing methods observed at Kranal Packaging e.g., flexography, digital printing.
- **Converting:** This process Describes the converting processes observed, such as die-cutting, creasing, folding, or laminating.
- **Assembly and Finishing:** This process Explain any the assembly or finishing

processes, such as gluing, taping, or adding inserts or closures.

Key Learning:

Gained a deeper understanding of the various stages involved in packaging production.

They learnt to appreciate the importance of selecting appropriate packaging materials and printing methods.

Learned about different converting and finishing processes for various packaging types.

Recognized the role of quality control in ensuring packaging functionality and client satisfaction.

Conclusion:

The experience of the industrial visit to Kranal Packaging Industry was very useful and meaningful. This visit has benefited the students to express the knowledge gained could be applied in their future in the following areas: understanding packaging considerations for product design, appreciating the complexities of the packaging supply chain.





AGAINST CHILD LABOUR : OATH TAKING

Title: Against Child Labour:
Oath Taking .**Date:** 12.06.2024
Venue: SIGA Polytechnic
College, Kilpauk, Chennai
Circular No: Letter No: 17240/
Y2/2024
**The Point of the Oath
Taking:**

The Point of the Oath Taking:

“I solemnly swear to uphold the rights of every child, regardless of their circumstances or background.”

“I vow to advocate tirelessly for the eradication of child labor in all its forms.”

“I pledge to support initiatives and policies that prioritize the welfare and education of children, ensuring they have the opportunity to grow and thrive in a safe and nurturing environment.”

“I commit to raising awareness within my community and empowering others to join the fight against child labor.”

“I promise to hold governments, businesses, and individuals accountable

for their actions, and to work towards creating a world where every child is free to pursue their dreams without fear or exploitation.”

Outcome of the Oath Taking:

The students were encouraged to carry the spirit of pledge at dwelling place every day. They must be unwavering in their determination to protect the rights of children everywhere and to build a future where child labour is nothing but a dark chapter in history, which should not be repeated.

Together, strive towards a world where every child can experience the joy of childhood and realize their full potential. We, sincerely thank Mr. Ignatius Adaikala Raj, Head of the Department Printing Technology, Mr. Ramkumar R NSS Programme Officer and Mr. Justus RMT, PA to Principal I/C for their commitment to organize Oath taking ceremony.

WORLD ELDER ABUSE AWARENESS DAY

Title: World Elder Abuse Awareness Day : Oath Taking

Date: 14.06.2024 **Venue:** SIGA Polytechnic College, Kilpauk, Chennai

Outcome of the Oath Taking:

The students involved in Oath taking, students attempted to help people understand the prevalence and different forms of elder abuse.

This could make the students more aware and to identify the sign of abuse in their own families or communities. By raising this awareness, students have been encouraged to identify the suspected abuse to the authorities. We sincerely thank Mr. Justus RMT, PA to Principal I/C and other teaching faculty for their commitment to organize Oath taking ceremony.



International Day of Yoga: Poster Making Competition: Yoga for Women Empowerment

Poster Making Competition on International Yoga Day was celebrated on the theme of “Yoga for Women Empowerment” in our college on 21st June 2024. The competition aimed to raise awareness about the benefits of yoga on women’s physical and mental well-being while showcasing the empowering nature of its practice.



Competition Details

Theme: Yoga for Women Empowerment

Participants: Students of 2nd and 3rd Diploma Printing Technology

Participation: 15 Students

Judging Criteria: Originality, Visual Appeal, Relevance to the theme, Message Clarity

Key Findings

The competition received a positive response with a good number of participants.

The posters showcased a variety of creative approaches to the theme.

Entries highlighted the diverse benefits of yoga for women, including physical strength, mental clarity, stress reduction, and self-confidence.

Outcome of the Competition

The competition successfully generated interest in yoga

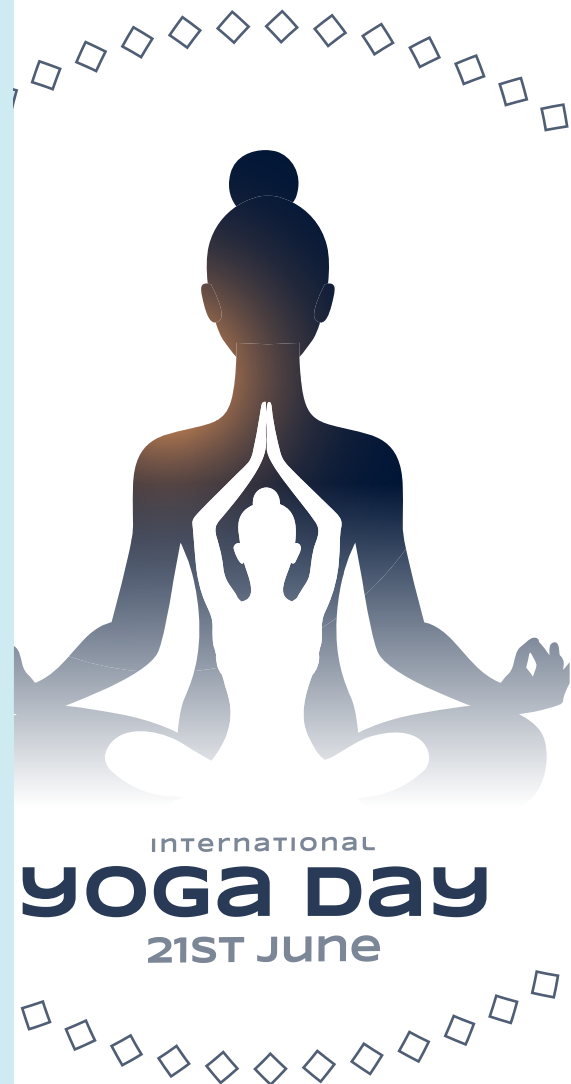
as a tool for women's empowerment among our boy's students. The visually appealing posters were likely to be served to: Educate the public about the advantages of yoga.

Inspire women to embrace yoga as part of their self-care routine.

Promote the concept of women's empowerment through a healthy lifestyle practice.

Conclusion

The poster making competition on "Yoga for Women Empowerment" provided to be an effective platform for promoting the positive impact of yoga among students. By combining creativity by poster making, the competition encouraged students to express the importance of yoga to their family womenfolk for empowering their potential.



International Day against Drug Abuse and Illicit Trafficking

As per direction of Directorate of Technical Education, Chennai NSS Service Unit of SIGA Polytechnic College, Kilpauk, Chennai celebrated International Day against Drug Abuse and Illicit Trafficking on 27th June 2024. To celebrate this day effectively, our college students watched

an awareness Film on “Drive against Drug Abuse” and took e-pledge in the online portal given by Enforcement Bureau, Crime Investigation Department, Tamil Nadu and received certificates for pledge taken. (<https://enforcemntbureautn.org/pledge>)

The Focus of the Film:

- Students gained deeper understanding of the global drug problem, including the different types of drugs, their effects, and the social and economic costs of drug abuse.
- Students learnt the reasons people start using drugs, the cycle of addiction and the challenges faced.
- The documentary film shed light on the impact on communities and the efforts to disrupt it.
- The film promoted empathy and compassion for those affected by drug abuse, both users and their families.
- The documentary inspired to get involved in raising awareness about drug abuse in community.



Chennai, Tamil Nadu, India

Siga Polytechnic College Polytechnic College, Main Entrance to RBI Quarters, Chetpet, Chennai,

Emotional Impact:

- The documentary film kindled the emotions like sadness, anger or frustration at the devastating effects of drug abuse.
- The film gave hope to address this complex issue effectively.

Way to Prevent Drug Abuse:

Educate: Learn about the dangers of drug abuse and the resources available for help.

Spread awareness: Talk to friends and family about World Drug Day and the importance of tackling this issue.

Support organizations: Service as volunteer with organizations working on drug prevention, treatment, and harm reduction.

Advocate for change: Encourage society leaders to support policies based on science and compassion.





World

ENVIRONMENT DAY

JUNE
05

Every year on June 5th, the world comes together to celebrate World Environment Day. This year's theme, "Only One Earth", is a stark reminder of our responsibility to protect the planet we call home.

In this issue, we'll explore ways you can make a difference, big or small, to ensure a healthy planet for generations to come.

Act Locally, Think Globally

While the environmental challenges we face are vast, many solutions can be implemented at the local level. Here are some ways you can get involved in your community:

Support sustainable businesses:

Look for companies committed to eco-friendly practices, from using recycled materials to reducing their

carbon footprint.

Join a community clean-up:

Organize or participate in a park or beach clean-up day to remove litter and debris.

Plant a tree:

Trees absorb carbon dioxide, provide shade, and beautify your surroundings. Plant a tree in your yard or participate in a community tree-planting initiative.

Simple Swaps for Big Impact:

Small changes in your daily routine can significantly reduce your environmental footprint. Consider these swaps:

Reusable bags: Ditch plastic bags at the grocery store and opt for reusable totes.

Energy-efficient appliances:

When replacing appliances, choose energy-efficient models to save energy and money. Shorter showers: Every minute counts! Reduce your shower time to conserve water.

Meatless Mondays: Cut back on red meat consumption. Animal agriculture is a major contributor to greenhouse gases.
The Power of Advocacy

Let your voice be heard! Here's how you can advocate for environmental change:

Contact your local representatives: Make your concerns about environmental issues known to your elected officials.

Support environmental organizations: Donate your time or resources to organizations working to protect the environment.

Spread awareness: Talk to your friends and family about environmental issues and ways to get involved.

Together, we can make a difference!:

Citizen Scientists Needed!:
Citizen science programs allow

everyday people to contribute valuable data to environmental research. From monitoring bird populations to tracking water quality, there are many ways to get involved.

Find Your Green Space:

Spending time in nature is not only good for your physical and mental health, but it can also inspire you to become a better steward of the environment.

Explore your local parks and nature trails.

Volunteer at a local botanical garden or arboretum.

Take a weekend camping trip and disconnect from technology.

Let's celebrate World Environment Day by recommitting ourselves to protecting our one and only Earth. By working together, we can create a more sustainable future for all.



SIGA POLYTECHNIC COLLEGE

49, Taylors Rd, Kilpauk, Chennai 600 010 Tamil Nadu

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:

SIGA shall offer formal, continuing education and skill-based programs to the poorest underprivileged students and match the international standards in printing, packaging and related industries by following the directives of the Government and the policies of Salesian Higher Education in the pedagogy of Don Bosco.

We are committed to Technical Education by Fostering Virtue, Knowledge, and Art. Providing life-coping and entrepreneurial skills. Forming persons who are technically sound and socially responsible.

Socially, we work towards creating Home-like environment that welcomes. School that empowers. Playground where friendships are nurtured.

Holistically, we aim at Experiencing the Divine in self, others and in Creation. Promoting truth, peace, and harmony in the multifaceted society.

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

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

M-2: Hands-on-Training & On-the-Job Training

To Provide state-of-the-art facilities for upskilling in print technology, problem solving, reasoning and ideation for society and industries.

M-3: Bridge the gap between industry and academia

To Facilitate knowledge transfer between industry and academia through workshops, conferences, and other events.

THE PROGRAM EDUCATIONAL OBJECTIVES

PEO-1: Print Media: Your Career, Your Way

To achieve a successful career in the field of Print Media and allied industries by leveraging one's education and contributing to the profession as an exceptional employee or as an entrepreneur.

PEO-2: Building a Strong Foundation

To develop the ability to think logically, analytically, and creatively, and to pursue lifelong learning in Printing & Packaging Technology.

PEO-3: Skilling for Progress

To enhance skills in print media, technology utilization, and development, enabling individuals to work globally as leaders and technocrats, ontributing to nation-building and the improvement of a diverse society.

PSO (PROGRAM SPECIFIC OUTCOMES)

PSO1- To provide knowledge and skill in the Post-Press Operations through perfect binding and 6 clamp laminations.

PSO2 – To become multifaceted technicians and excel in interdisciplinary branches such as ink management, packaging quality testing.

PSO3 – To expertise in operating and troubleshooting printing machines, including 4-color and 8-color offset machines, as well as pad printing machines.