RAMCO INSTITUTE OF TECHNOLOGY

Rajapalayam

(Approved by AICTE and Affiliated to Anna University, Chennai)

An ISO 9001:2015 Certified and NAAC Accredited Institution

DEPARTMENT OF INFORMATION TECHNOLOGY

Annual Magazine 2022-2023

(Even Semester)

DEPARTMENT OF IT

ritrjpm.it

RIT INFOTRIX

rit infotrix

Land Line: 04563-233419

ABOUT THE DEPARTMENT

- We are living in a digital era, which is expected to accelerate advancements in Information and Communication Technology. This emergence has posed a great challenge to the instructional system in terms of familiarizing with emerging technologies.
- With a view of meeting this challenge, the Department of Information Technology was started at RIT in 2022. Its mission is to transform into a Centre of Excellence for education and research in Information Technology by embracing emerging technologies. Through academic excellence, collaborative research, value-added courses, and online learning platforms like NPTEL, Coursera, edx, and others, the department aims to generate highly skilled and socially conscious Information Technology professionals.
- The department provides an excellent environment for students to learn and acquire skills required by the industry. The department has experienced faculty members who are completely committed to teaching and research, as well as faculty members who are certified in specialized domains and trained in various platforms such as Infosys, NPTEL and others.
- Along with developing specific skill sets, the department association's programmes and activities seek to shape students into well-rounded individuals capable of solving real-time problems and possessing values such as discipline, truthfulness, genuineness, team spirit and dynamism.

- To succeed global standards in high-quality technical education, Research and Development in Information Technology by adapting the rapid technological advancement.

- Making quality IT engineers with good technical proficiency by effective teaching to adapt the dynamic needs of industries.
- To take up creative research in collaboration with leading Industries and professional societies to make the nation as a knowledge-power.
- Developing the employability and entrepreneurial skills of the students by conducting industry collaborated training with the strong ethical values and professionalism to serve society with responsibility.

Program Educational Objectives (PEOs)

- **PEO 1:** Graduates will be proficient in leading IT industries, pursue Higher study and Research, and progress as entrepreneurs by utilizing the fundamental knowledge of various streams in engineering and technology.
- **PEO 2:** Graduates will think logically and pursue lifelong learning skills to understand Technical issues related to Emerging Computing Systems and to provide prime or best solutions.
- **PEO 3:** Graduates will be able to develop system applications by understanding the importance of socially committed engineers with high ethical values, business and environmental needs in the social context.

Program Outcomes (POs)

Engineering Graduates will be able to:

- **Engineering knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
- **Problem analysis:** Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
- **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.
- **Conduct investigations of complex problems:** Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
- **Modern tool usage:** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.

- **The engineer and society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
- **Environment and sustainability:** Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
- **Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
- **Individual and team work:** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
- **Communication:** Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
- **Project management and finance:** Demonstrate knowledge and understanding of the engineering and management principles and apply these to ones own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
- **Life-long learning:** Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

Program Specific Outcomes (PSOs)

After successful completion of the degree, the students will be able to:

- **PSO1:** Apply mathematical and computing skills including Data Science and algorithms to identify and provide solutions for complex computational problems.
- **PSO2:** Develop the skills in emerging technologies such as Embedded Systems and IoT, Mobile Application Development and Security, and data analytics aids in anticipating research findings and providing the reliable IT solutions.
- **PSO3:** Apply standard Engineering practices and strategies in software projects using open source environments to deliver a quality product for business and industry attainment.

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EVENT ORGANIZED

- ASSOCIATION OF RIT INFOTRIX
- EXTENSION PROGRAMME

RIT-INFOTRIX

Title of the Event:	Minute To Win
Date:	26.05.2023
Number of Participants:	49
Winner & Runner:	Winner: Mr. Sri Saru Kumar.S, I IT Runner: Mr. Sivamaharaj.S, I IT Ms. Swathi.S, I IT

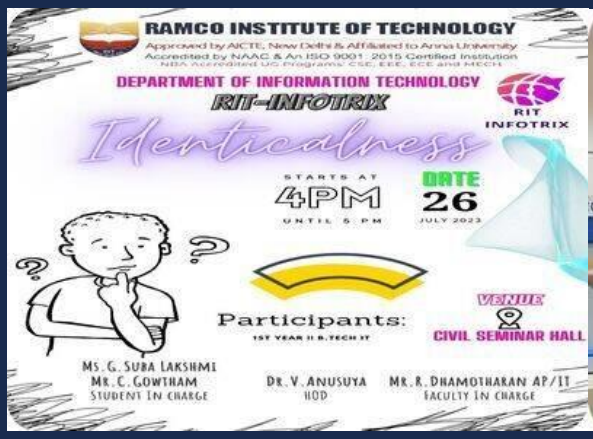
Photo/Screen Shot

Title of the Event:	Back-to-Back STAND
Date:	06.07.2023
Number of Participants:	57
Winner & Runner:	Winner: Mr. Ajay V & Team Runner: Mr. Siva Maharaj S & Team, Ms. Sobana.S & Team

Photo/Screen Shot

Title of the Event:	Identicalness
Date:	26.07.2023
Number of Participants:	52
Winner & Runner:	Winner: Mr. K. Rishi Kesavan & his team Runner: Mr. Joel Paul Raj M & Team, Ms. Abinaya.S & Team

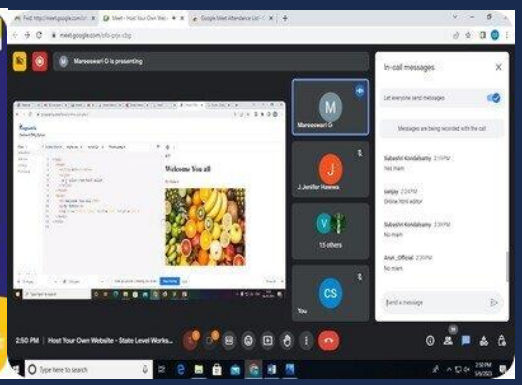
Photo/Screen Shot



EXTENSION PROGRAMME

Title of the Event:	State Level Workshop on Host Your Own Website For X, XI, XII School Student
Date:	06.05.2023
Number of Participants:	32 School Students of X, XI, and XII Standard
Name & Details of the Resource Person:	Mrs. M. Swarna Sudha, AP(SG)/CSE Mrs. S. Manjula, AP(SG)/CSE Mr.R.Dhamotharan, AP/IT Mrs. G. Mareeswari, AP/IT

Photo/Screen Shot



Title of the Event:	Lights of light
Date:	09.07.2023
Number of Participants:	35
Name & Details of the Resource Person:	Mr. R.Dhamodharan, AP/IT Mr.M.Venkatesa Perumal, AP(SG)/Chemistry

Photo/Screen Shot

FACULTY CORNER

- Participation
- Online Courses
- Conference Publications
- Journal Publications
- Book Chapter
- Awards & Achievements

FACULTY PARTICIPATION IN FDP / WORKSHOP / SEMINAR / WEBINAR

- Dr.V.Anusuya, ASP/IT attended a Workshop on "Journal Paper Writing" organized by ECE Department in association with RIT-RC on 10.02.2023.
- Dr.V.Anusuya, ASP/IT attended a Five-Day Faculty Development Programme on "Microsoft Power BI Data Analyst Associate" organized by Department of CSE in association with ICT Academy during on 30.01.2023 to 03.02.2023.
- Dr.V.Anusuya, ASP/IT attended a "FDP-Artificial Intelligence Machine Learning and Deep Learning Applications" organized by Center for Continuing Education, NIT Warangal & Srinidhi Institute of Science and Technology, Hyderabad during on 27.12.2022 to 31.12.2022.
- Mrs.G.Mareeswari, AP/IT attended a "Workshop - Cloud Architecture - Design Patterns & PC on Cloud" NPTEL on 17.12.2022.
- Dr.V.Anusuya, ASP/IT attended a "Workshop - Role of NAAC in Enhancing Quality in Higher Education Institutions" RIT-IQAC during on 16.12.2022 to 17.12.2022.
- Mrs.G.Mareeswari, AP/IT attended a "STC -Artificial Intelligence, Machine Learning and Deep Learning" CCE, NIT Warangal during on 28.11.2022 to 02.12.2022.
- Mr.R.Dhamotharan, AP/IT attended a "FDP - AI-ML" IITM PALS on 28.11.2022.
- Mrs.G.Mareeswari, AP/IT attended a "Webinar - Roadmap and Essentials of Data Science" G.Pulla Reddy Engineering College, Kurnool, Andhra Pradesh on 10.09.2022.

Online Course

Sl. No	Name of the Faculty	Name of the Course Registered	University
1	Dr. V. Anusuya	Getting Started with Git and GitHub	IBM
		Mathematics for Machine Learning: Multivariate Calculus	Imperial College London
2	Mrs. G. Mareeswari	Foundations of User Experience (UX) Design	Google
		Networking Essentials	Cisco Networking Academy
3	Mr. R. Dhamotharan	Introduction to Mathematical Thinking	Stanford University

Conference Publications

- Dr.V.Anusuya, ASP/IT, Presented a paper titled "Bipolar Disease Data Prediction using Adaptive Structure Convolutional Neuron Classifier using Deep Learning" 7th International Conference on Inventive Communication and Computational Technologies (ICICCT-2023) Gnanamani College of Technology, Namakkal on 22-23 May 2023.
- Dr.V.Anusuya, ASP/IT, Rathesh Praveen P and Saravanakumar K Presented a paper titled "Analysis of Crack Detection and Measurement in Concrete Images" Virtual International Conference on Emerging Techniques in Engineering & Internet of Things (ICETIoT-2023), organized by International Institute of Smart Engineering and Technology, Hyderabad on 14.05.2023.
- Mr.R.Dhamotharan, AP/IT, Presented a paper titled "Gender and Emotion Recognition by Voice" National Conference on Recent Trends in Engineering and Technology (NCRTET'2023) Gojan School of Business and Technology, Chennai on 13.05.2023.
- Dr.V.Anusuya, ASP/IT, Ms.K.Tharini Presented a paper titled "Segmentation of liver tumor using Lenet" ISTE Sponsored 9th International Conference on Latest Trends in Science, Engineering and Technology (ICLTSET'23) Karpagam Institute of Technology Coimbatore on 05.05.2023-06.05.2023.
- Mrs.G.Mareeswari, AP/IT, Ms.P.Sangeetha Presented a paper titled "Deep Learning Based Intrusion Detection System" International Conference on Innovative Engineering and Information Technology (ICIEIT'2k23) Sri Sai Ranganathan Engineering College, Coimbatore on 29.04.2023.
- Dr.V.Anusuya, ASP/IT, Presented a paper titled "Maximum Decision Support Regression based Advanced Secure Data Encrypt Transmission for Healthcare Data Sharing in the Cloud Computing" 7th International Conference on Inventive Systems and Control (ICISC 2023), JCT College of Engineering and Technology, Coimbatore on 30.01.2023 and 31.01.2023.
- Dr.V.Anusuya, ASP/IT, S.Manjula, P.Preetha, S.Vishnu Priya, Presented a paper titled "Self-Care Made Easy: The Health Care Application, International Conference on Recent Trends in Science" Engineering and Management organized by Er.Perumal Manimekalai College of Engineering, Hosur on 28.04.2023.

Conference Publications

- Mrs.G.Mareeswari, AP/IT, Presented a paper titled "Deep Neural Network Based Detection and Analysis of Fake Tweets" in the IEEE technically sponsored 2023 4th International Conference on Signal Processing and Communication (ICSPC), Karunya Institute of Technology, Coimbatore, India on 23.03.2023 to 24.03.2023.
- Dr.V.Anusuya, ASP/IT and Dr.I.Gethzi Ahila Poornima, Presented a paper titled "3D Object Visualization: Simulation of Solar System using Augmented Reality" 1st International Conference on Intelligent Solutions for Emergency Response and Disaster Management (ISERDM-2023) jointly organized by National Institute of Technology, Trichy and C-DAC, Thiruvananthapuram during on 09.01.2023 to 11.01.2023.
- Dr.V.Anusuya, ASP/IT and K.Vignesh Saravanan, Presented a paper titled "Real Time Face Mask Detection using Convolution Neural Network and Computer Vision" 4th International Conference on Computing, Communications and Cyber Security (IC4S-2022) on 16.12.2022.

Journal Publications

- R.Sabitha, S.Gopikrishnan, B.J.Bejoy, V.Anusuya, V.Saravanan, Network Based Detection of IoT Attack Using AIS?IDS Model, Wireless Personal Communications, https://doi.org/10.1007/s11277-022-10009-4.

Book Chapter

- Anusuya.V, Thilaga.P.J, Vijayalakshmi.K, Manikandan.T (2023) Deep Learning Model for Predicting Diabetes Disease Using SVM in "Artificial Intelligence in IoT and Cyborgization" Studies in Computational Intelligence, vol 1103. Springer, Singapore. https://doi.org/10.1007/978-981-99-4303-6_10.
- Anusuya.V, Vignesh Saravanan.K, Vishnu Praba.V (2023) Real-Time Face Mask Detection Using Convolution Neural Network and Computer Vision, in the "Proceedings of Fourth International Conference on Computing, Communications and Cyber-Security" CCCS 2022. Lecture Notes in Networks and Systems, vol 664. Springer, Singapore. https://doi.org/10.1007/978-981-99-1479-1_52.

Faculty Achivements

- Dr.V.Anusuya, ASP/IT acted as a Tech Showcase Jury in Umagine Chennai Tech Showcase'23 organized by ICT Academy (National Engineering College, Kovilpatti) on 03.03.2023.

UmagineChennai
Leave the future behind

TECH SHOWCASE'23

Certificate of Appreciation

Presented to

Dr. V. ANUSUYA - Associate Professor /CSE

Ramco Institute of Technology

in recognition of the time and effort spent as the esteemed member of the Jury for the

UmagineChennai - Tech Showcase'23

Hari Balachandran
Chief Executive Officer
ICT Academy

P.S.R.R COLLEGE OF ENGINEERING
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai
Appayanaickenpatti, Sivakasi - 626 140.
Virudhunagar District, Tamil Nadu.
Office : 04562 - 239600 Website : www.psrr.edu.in E-mail : contact@psrr.edu.in

Ref : PSRRCE /GL/04/2023 Date: 21.04.2023

CERTIFICATE

This is to certify that Mrs G.Mareeswari M.E.,(Ph.D).,Assistant Professor of Computer Science and Engineering, Ramco Institute of Technology, Rajapalayam had handled one day Guest Lecture on the topic **"Problem solving approach using Artificial Intelligence"** on 21.04.2023, Organized by the Department of Computer Science and Engineering of P.S.R.R. College of Engineering, Sivakasi. The Session was useful to the Faculty and Undergraduate Students. Your experience and expertise add an important dimension to our Programme .

HOD/CSE

PRINCIPAL
The Principal
P.S.R.R College of Engineering

- Mrs. G. Mareeswari, AP/IT delivered a guest lecture on the topic Problem solving approach using Artificial Intelligence on 21.04.2023, organized by the Department of Computer Science and Engineering of P. S. R. R College of Engineering, Sivakasi.

STUDENT CORNER

- Participations
    1. Co-curricular
    2. Extra-Curricular
- Online Courses
- Student Toppers
- Industrial Visit
- Awards & Achievements
- Student Participation

STUDENT CO-CURRICULAR

- Aarthi S, I IT, participated in "Know Your G20" Quiz on 24.04.2023.
- Sneha S, I IT participated in "New India Quiz" on 24.04.2023.
- Aarthi S, I IT, participated in "Mann Ki Baat" Quiz on 25.04.2023.
- Aarthi S, I IT, participated in "Swraj Quiz" on 26.04.2023.
- Sneha S, I IT participated in "Know Your G20" on 26.04.2023.
- Sneha S, I IT participated in "Eat Right Millets" on 27.04.2023.
- Sneha S, I IT participated in "India's Culture Track Quiz" on 28.04.2023.
- Aarthi S, I IT participated in "New India Quiz" on 28.04.2023.
- Thanishka shree U, I IT participated in "India's Culture Track G20 Quiz" on 28.04.2023.
- Aarthi S, I IT, participated in "Indias First Regional Quiz" on 29.04.2023.
- Deva Dharshini K, I IT participated in "Cyber hygiene practices quiz" on 29.04.2023.
- Deva Dharshini K, I IT participated in "Secure Social Media Practices" on 29.04.2023.
- Sandhiya M, I IT participated in "Know Your G20" Quiz on 29.04.2023.
- Sneha S, I IT participated in "Swachh Bharat Mission Grameen" on 30.04.2023.
- Thanishka shree U, I IT participated in "Oral Health Quiz and Know your G20 Quiz" on 01.05.2023.
- Sandhiya M, I IT participated in "Lifestyle for Environment" Quiz on 02.05.2023.
- Aarthi S, I IT participated in "Oral Health quiz" on 03.05.2023.
- Sandhiya M, I IT participated in "April Month Quiz" on 04.05.2023.
- Deva Dharshini K, I IT participated in "India's G20 Culture Track Quiz" on 04.05.2023.
- Deva Dharshini K, I IT participated in "Know Your G20 Quiz" on 04.05.2023.
- Deva Dharshini K, I IT participated in "Eat Right Millets Quiz" on 05.05.2023.
- Sandhiya M, I IT participated in "Oral Health Quiz" on 06.05.2023.
- Aarthi S, I IT participated in "Lifestyle for Environment" quiz on 07.05.2023.
- Thanishka Shree U, I IT participated in "TCS B-Pro's – a Softskills Training Program" on 07.05.2023.
- Thanishka Shree U, I IT participated in "April month Quiz and Swaraj Quiz" on 08.05.2023.

FIRST YEAR STUDENT ONLINE COURSE DETAILS 2022-2023 (EVEN SEMESTER)

S. No.	Name of the Student	Course Registered	University
1	Aarthi S	Oops in Python	Great Learning Academy
		Visual Studio Online	
		Palindrome in Python	
		Leap +Your Program Python	
		Packages in Python	
		Graphs in Python	
		Python Basic Programs	
		C For Beginners	
		Data Science Foundation	
		Network Security	
		Introduction to Ethical Hacking	
		Data Analysis Using Excel	
		Basics of Machine Learning	
		Machine Translation	
		Python Basics	Coursera
2	Aarthi G	Introduction to Management	Great Learning Academy
		Smart English Basics for Professional	
		Python For Data Science	
		Data Science Foundation	
		Conditional Formatting in Excel	
		Introduction to Artificial Intelligence	
		Retail Management	
		Communication Management	
		Bitcoin for Beginners	
		Big Data and AI	
3	Abinanthana	Functions in Python	Great Learning Academy
		Visual Studio Online	
		Coding Environment	
		Introduction to Information Security	
		Introduction to Matlab	
		Bitcoin for Beginners	
		What is IoT?	
		Introduction to R	
4	Abinaya S	Data Science Foundation	Great Learning Academy
		Smart English Basics for Professional	
		Introduction to Management	
		Conditional Formatting in Excel	

		Introduction to Artificial Intelligence	
		Swift Tutorial	
		Bitcoin For Beginners	
		CSS Tutorial	
		AI in Digital Marketing	
		Principles of Management	
5	Abinayaa S G	Oops in Java	Great Learning Academy
		JQuery Tutorial	
		Android Application Development	
		Google Analytics	
		Android Studio Tutorial	
		Linux Tutorial	
		Swift Tutorial	
		What is IoT?	
		Docker Best Practices	
		MongoDB Tutorial	
		Machine Translation	
6	Ackshaya M	CSS Tutorial	Great Learning Academy
		C for Beginners	
		Oops in Python	
		Programming Basics	
		What is IoT?	
		Pivot Tables in Excels	
		Python Automation Project	
		VLOOKUP in Excel	
		How to Start Blogging	
		Cyber Forensics	
7	Ajay V	2023 Employee Cyber Security Awareness First Line of Defence	Udemy
		The Advanced HTML5 Course	
		Object Oriented Programming in C++ & Interview Preparation	
		Digital Marketing for Beginners	
		The Cyber Security Metasploit Framework Guide for Beginners	
8	Akshaya M	Java Programming	Great Learning Academy
		Smart English Basics for Professional	
		Instagram Marketing Fundamentals	
		Front End Development - HTML	
		What is IoT?	
		Run Digital Marketing Ad Using Google Ad Words Express 2023	Udemy
9	Ananthi P	Introduction to Angular JS	Great Learning Academy

		Advanced Cyber Security and Threats and Governance	
		Content Marketing Basics	
		Probability and Probability Distributions for Machine Learning	
10	Arun P	Python For Machine Learning: The Complete Beginner's	Great Learning Academy
		Introduction to Information Security	
		Introduction To Artificial Intelligence	
		Front End Development - HTML	
		Front End Development - CSS	
		C for Beginners	
		Time Management	Infosys Springboard
		Capacity & Availability: Optimization	Udemy
		Star Career in Cyber Security in 2023 -The Ultimate Guide	
		Python for Data Visualization	
		Data Structures and oops With C++: CS104, CS105 Masterclass	
		The Complete Introduction of C++ Programming	
		Internet and Web Development Fundamentals	
		Introduction to Quantum Computing	
11	Ashmitha K V	UI/UX for Beginners	Great Learning Academy
		Healthcare Management	
		Mastering Database Management with Knex.js and PostgreSQL	Udemy
		Amazon Virtual Private Cloud Basics	
		Start Career in Cyber Security in 2023- The Ultimate Guide	
		Master in Cloud Computing and Cloud Architecture 2.0	
		Management Consulting Presentation Essential Training	
		Data Science and Machine Learning Basic to Advanced	
		C++ Complete Training Course for Beginners 2022	
12	Atheesh A	Time Management	Infosys
		Object Oriented Programming Using Python	
		Web Scraping with Python	Great Learning Academy
		Programming Basics	
13	Banu Mathavan V	UI/UX for Beginners	Great Learning Academy
		Machine Learning Aplicado a Python Data Science	Udemy

		Adobe Photoshop Course from Basic to Advance for Graphics	
		Capacity & Availability: Optimization	
		Cloud Computing Essentials	
		Google Certified Professional Machine Learning Engineer	
		C++ Code Like You Are in Matrix: Mastering C++ in 12 Hours	
		Java For Beginners	
14	Deena Thayalan P	Ultimate Front End Bootcamp: CSS, JQ, JS	Udemy
		The Advanced HTML5 Course	
		Complete Python 2023 For Absolute Beginner	
15	Deva Dharshini K	Coding Environment	Great Learning Academy
		Supervised Machine Learning with Logistic Regression	
		Web Scraping with Python	
		Basics of Machine Learning	
		What is IoT?	
		Html Attributes and Tags	
		Programming Basics	
		Android Studio Tutorial	
		JQuery Tutorial	
		SQL Projects for Beginners	
16	Dhinesh K	Computer Network Fundamentals	Great Learning Academy
		Product Strategy Creation and Product Marketing	Udemy
		Amazon Virtual Private Cloud Basics	
		Start Career in Cyber Security in 2023- The Ultimate Guide	
		Master Course of Edge Computing 3.0	
		Learn PHP for Beginners	
		The Completion Introduction of C++ Programming	
		Problem Solving Through Programming in C	NPTEL
17	Dinesh Pandian G	Ms Excel/Excel 2022- The Complete Introduction to Excel	Udemy
		Create A Word Press Website with Hostinger	
		Adobe Photoshop Course from Basic to Advance for Graphics	
		Java Game Development with Lib GDX	
		CSS and Java Full Course for Beginner	
		Auto ML Automated Machine Learning Bootcamp	

		Internet & Cloud Computing Foundations	
		Python and Flask Demonstration Practice	
		The Python Developer Essentials Immersive Bootcamp	Great Learning Academy
18	Elakiya E	UI/UX for Beginners	Great Learning Academy
		Elastic Stack	
		Introduction to Web Designing	
		Introduction to Management	
		Excel Tips and Tricks	
		Conditional Formatting in Excel	
		Intro to Graphic Design with Photoshop	
		What are SQL Triggers	
		Vlookup In Excel	
		How to Start Blogging	
		Cyber Forensics	
19	Gowdhamaan M	IPL Digital Marketing	Great Learning Academy
		What is IoT?	
		Run Digital Marketing Ad Using Google Ad Words Express 2023	Udemy
20	Gowtham C	Postgraduate Executive Diploma -Innovation Management	Udemy
		Computer Network Fundamentals	
		Chat GPT: Complete Guide for Beginners	
		Advanced Microsoft Excel Formulas & Functions - 2023	
		Java and Object-Oriented Programming Essential Training	
		Master Course in Facility Management	
		Master Course of Edge Computing 3.0	
		Fundamentals of Business Strategy	
		SQL Introduction Course	
		Master Online Events! Virtual Audience Engagement Tools 2023	
21	Harikrishnan K	Android Application Development	Great Learning Academy
		Email Writing Skills	Infosys Springboard
		Adobe Photoshop Projects	Udemy
		C for Beginners	Great Learning Academy
		Web Scraping with Python	
		Data Science Foundation	
		Network Security	
		Introduction to Ethical Hacking	
		Data Analysis Using Excel	
		Basics of Machine Learning	
		Machine Translation	

		My SQL Basics	
		Introduction to Artificial Intelligence	Infosys Springboard
22	Harish S	Project Finance & Excel: Build Financial Model	Udemy
		Chat GPT: Make A Money with Chat GPT as a New Freelancer	
		Master Course in Cloud Computing and Cloud Architecture 2.0	
		Basics for Computer Certification	
		Computer Forensics and Digital Forensics Masterclass 2023+	
23	Harshini G	Selenium Basics	Great Learning Academy
		Network Security	
		Basic of Exploratory Data Analysis Course	
		Dynamic Programming	
		Predictive Analytics	
24	Joel Paulraj M	Algorithms in C	Great Learning Academy
		CSS Tutorial	
		Introduction to DevOps	
		Introduction to Digital Marketing	
		Network Security	
		Bitcoin for Beginners	
25	Karthick K	Time Management	Infosys
		Android Application Development	Great Learning Academy
		Programming Basics	
		Visual Studio Online	
		Software Testing Tutorial	
		Coding Environment	
		Front End Development CSS	
		The Complete Introduction of C++ Programming	Udemy
26	Karthik Raja E	Business Communication Skills	Udemy
		Master in Word Press chatGPT, Desde Cero Hasta Experto!	
		Level-1 Japanese Candlesticks Trading Mastery Program	
27	Kavipraba G	Quantitative Aptitude Basics	Great Learning Academy
		Data Structure in C	
		Introduction to Machine Learning in AWS	
		Smart English Basics for Professional	
28	Mohamed Islaam K A	Getting Started with Working Remotely	Infosys Spring Board
		Data Structures and Algorithms Using Python- Part 1	
		Learn Programming with Java – an Interactive	

		Programming Fundamentals Using Python - Part 1	
		Building an agile Mindset	
		Programming Fundamentals Using Python - Part 2	
		ChatGPT Master: Complete Open Ai ChatGPT Course	Udemy
		Mastering Microsoft Power BI: From Beginner to Advanced	
		Start Career in Cyber Security in 2023- The Ultimate Guide	
		Profit Mastery Ultimate Affiliate Marketing Guide	
29	Nandhini S	Software Testing Tutorial	Great Learning Academy
		Visual Studio Online	
		Operational Excellence and Critical Thinking	
		AI and Big Data in IoT	
		Oops in Python	
30	Nisha G	Oops in Java	Great Learning Academy
		Visual Studio Online	
		Software Testing Tutorial	
31	Prasath J	Data Analytics, Storage, Mining & Visual Big Data Technologies	Udemy
		SQL /Postgresql Bootcamp: Go from Beginner to Advanced	
		Create Members Only Blog Using PHP MySQL Ajax	
		Master Course in E-Commerce3.0	
		Batch Script Programming Crash Course	
		The Complete React Course Basics to Advanced	
		Learn PHP for Beginners	
		Learn Bootstrap - for Beginners	
32	Praveen Kumar R	Time Management	Infosys
		Group Discussion	TCS
		Data Analytics A-Z With Python	Udemy
		Introduction to Quantum Computing	
		Master Course in E-Commerce 3.0	
		Shopify E-Commerce Store Masterclass-Start Business	
		Body Language in Workspace	
		Real Time Automation Manual Questions with Interview Answers	
		Introduction to Domain Names and Web Hosting-Quick Guide	

33	Ragul Raj S	Master Python Using ChatGPT	Udemy
		C++ Training Crash Course	
		Business Fundamentals: How to Start a Business	
		Supercharge Productivity Chat GPT & Prompt Engineering	
		Master Course in Interviewing Skills and Career Development	
		Master In Python Language Quickly Using Chat GPT Open AI	
		PHP Programming with Examples in One Day	
		The Cyber Security Bootcamp	
		Optical Character Recognition (OCR) Master Class in Python	
		Master Course in Marketing Psychology 2.0	
34	Ram Pandiyan G	Python Programming Beyond the Basics & Intermediate Training	Udemy
		Presentation Skills for Beginners.	
		C++ Training Crash Course 2022	
		Java Training Crash Course 2022	
35	Rishi Kesavan K	Make Money Using ChatGPT as a New Freelancer	Udemy
		Start Career in Cyber Security	
		C++ Training Crash Course	
		Basics of Serum	Great Learning Academy
		Design Thinking for Beginner	
36	Samritha Sree Harini M	Dev C++ Tutorial	Great Learning Academy
		AWS Project	
		Virtual Cloud Computing	
		Encryption Basics	
		Data Science Projects	
		UI/UX for Beginners	
		Web Scraping with Python	
		Problem Solving Through Programming in C	NPTEL
37	Sandhiya M	Python Basics	Coursera
		Basic of HTML/CSS for Beginners	Open Weaver
		Algorithms in C	Great Learning Academy
		Image Processing Projects	
		C for Beginners	
		CSS Tutorial	
		Introduction to DevOps	
		Network Security	
		Introduction to Digital Marketing	

		Swift Tutorial	
		Database Management System	
		Bitcoin for Beginners	
		Introduction to Artificial Intelligence	
38	Sathya A	The Ultimate Python Primer: Learn the Basics with ChatGPT	Udemy
		Html, CSS & Python - Web Development Certification Course	
		The Complete Microsoft SQL Server Course: From A to Z	
		Favicon Grabber Using Javascript	
		Machine Learning and Self-Driving Cars Bootcamp with Python	
		HTML and CSS for Beginners from Basic to Advance	
		Master Python Using ChatGPT	
		Real Android App Development	
		Object Oriented Programming Using Python	Infosys
		CSS Bootstrap and Javascript and Python Stack Course	Great Learning Academy
39	Shanmuga Priya V	JQuery Tutorial	Great Learning Academy
		Dev C++ Tutorial	
		HR Database Management System	
		Building Recommendation Systems	
40	Sivamaharaj S	The Python and Diango Learning Guide	Udemy
		Adobe Photoshop Brushes	
		Run Digital Marketing Ad Using Google Ad Words Express 2023	
		What is IoT?	Great Learning Academy
41	Sivasekar P	Postgraduate Executive Diploma -Innovation Management	Udemy
		Presentation Skills for Beginners.	
		Python Demonstrations for Practice Course	
		Bootstrap & JQuery - Certification Course for Beginners	
		C Programming the Basics	
		Docker Course for Beginners	
42	Sneha S	Data Structure in C	Great Learning Academy
		Linear Regression	
		Introduction to Firewall	
		Introduction to Web Designing	
		What is IoT?	
		UI/UX for Beginners	
		Network Security	
		ChatGPT for Digital Marketing	

		SQL For Data Science	
		Introduction to Artificial Intelligence	
43	Sobana S	UI/UX for Beginners	Great Learning Academy
		Web Development Ultimate Guide	Udemy
		Adobe Photoshop Photo Editing	
		Start Career in Cyber Security In 2023- The Ultimate Guide	
		Java For Beginners-Learn All the Basic of Java	
		Python Basics	Coursera
		Problem Solving Through Programming in C	NPTEL
44	Sridhar S	Email Writing Skills	Infosys Springboard
		Time Management	
		HTML5-The Language	
		Python	Techgig
		Introduction to Information Security	Great Learning Academy
		C for Beginners	
		Introduction to Ethical Hacking	
		Python For Machine Learning: The Complete Beginners Course	Udemy
		Open AI Generative Pre-Trained Transformer (GPT3+GPT4)"	
		Python Demonstrations for Practice Course	
		Introduction to Cyber Security	
		Time Series Analysis and Forecasting using Python	
		The Complete Introduction of C++ Programming	
45	Sri Saru Kumar S	Machine Learning Introduction	Infosys
		Adobe Lightroom Classic Cc: The Map & Book Module	Udemy
46	Suba Lakshmi G	Introduction to Management	Great Learning Academy
		UI/UX for Beginners	
		Cloud Computing Service Models	
		Creative Character Design - Character Concept Art Design	Udemy
		Creative Character Design - Character Concept Art Design	
		Start Career in Cyber Security In 2023- The Ultimate Guide	
		Master Course of Edge Computing 3.0	
		Digital Marketing for Beginner 2023	
		SQL Introduction Course	
		Complete ChatGPT Guide for Beginners	

47	Subramanian V	HTML, Python, Frame Work and Full Sack Development	Udemy
		Java Script Basics	
		Master Course in Interviewing Skills and Career Development	
		Become a Successful SEO Freelance & Start Online Businesses	
		Revit Mep Specialization - Electrical, Plumbing and HVAC	
		Start Career in Cyber Security in 2023- The Ultimate Guide	
		Cross Site Scripting	
		HTML, CSS, Javascript, React Online	
		The Basic Data Science Code That You Must Know	
		Microsoft Power point to School Corporate	
48	Suhail Ahmed M	Time Management	Infosys
		Data Visualization with R	Infosys Springboard
		What are SQL Triggers	Great Learning Academy
		Dev C++ Tutorial	
		Data Structures in C	
		How to Start Blogging	
49	Swathi M	Communication Management	Great Learning Academy
		UI/UX for Beginners	
		Smart English Basics for Professional	
		Building Recommendation Systems	
		Data Visualization with Power BI	
		Problem Solving Through Programming in C	NPTEL
50	Swathi S	Frond End Development - HTML	Great Learning Academy
		Data Science Foundation	
		Cloud Foundation	
		Basic of Exploratory Data Analysis	
		HR Database Management System	
51	Thanishka Shree U	UI/UX for Beginners	Great Learning Academy
		What is IoT?	
		Basics of Machine Learning	
		Python for Machine Learning	
		CSS Tutorial	
		Introduction to Machine Learning in AWS	

52	Thiru Murugan A	2023 Employee Cyber Security Awareness First Line of Defence	Udemy
		A Database of the Most Frequently Used Data Science Commands	
		Improving Software Development Productivity	
		The Complete Introduction to Online Course Creation	
53	Veil Muthu Vairam P	HTML, CSS & Python - Web Development Certification Course	Udemy
		MySQL For Beginners: A Complete Training for Beginners	
		Python For Oops: The A-to-Z oops Python Programming Course	
		Learn to Code in Python 3: Programming Beginners to Advanced	
		ChatGPT For SEO	
		Basics of Optimization in Engineering	
		Social Media Marketing Success: Engaging Your Audience	
		Marketing Automation & Email Marketing for Beginners	
		Project Management Fundamentals: A Beginner Guide	
54	Vignesh G	Build Projects in HTML and CSS	Udemy
		Master Course in Interviewing Skills and Career Development	
		Itil Service Set Up and Optimization	
		Start Career in Cyber Security in 2023- The Ultimate Guide	
		Master Course in Cloud Computing and Cloud Architecture 2.0	
		Microsoft Course- Power Point, Word, One Drive, Outlook	
		Data Science and Machine Learning Basic to Advanced	
		HTML and CSS for Beginners from Basic to Advance	
		Dashboard Reporting and data analysis-VBA	
		Time Management	Infosys Spring Board
		HTML5-The Language	
55	Vijayalakshmi R	UI/UX for Beginners	Great Learning Academy
		Introduction to Web Designing	
		Excel Tips and Tricks	
		What are SQL Triggers	
		Data Visualization With R	

		Data Structure in C	
		Cloud Foundations	
		Problem Solving Through Programming in C	NPTEL
56	Vijaya Ragavan S	C for Beginners	Great Learning Academy
		Smartphone Graphic Design	Udemy
		Dark Web 101: Anonymous And Secure Browsing 2023	
		Run Digital Marketing Ad Using Google Ad Words Express 2023	
57	Yazhini G	Course On Covid 19 Outbreak Prediction	Great Learning Academy
		AI in Digital Marketing	
		PHP for Beginners	
		Data Science Foundations	
		Data Structures in C	
		How to Start Blogging	

TOPPER

I YEAR IT TOP 5

Sobana S

9.21 CGPA

Thanishka Shree U

9.13 CGPA

Swathi S

8.85 CGPA

Aarthi S

8.85 CGPA

Ackshaya M

8.79 CGPA

INDUSTRIAL VISIT

Year of Study:	I
Name of the Industry:	Techmindz, Kochi
Dates & Duration:	03.06.2023

Photo/Screen Shot

AWARDS & ACHIEVEMENTS

- Sobana.S, I IT received Silver badge in codechef programming platform.
- Gowtham C, Subramanian V, Dinesh Pandian G, Praveen Kumar R, Prasath J, Banu Mathavan V, I IT received bronze medal in Codechef programming platform.
- On March 10, 2023, RIT hosted its sports day, Thanishka shree U, of I Year IT got runner position in 100 m, 400 m Relay.
- On March 10, 2023, RIT hosted its sports day, Shanmuga Priya V, of I Year IT got runner position in 100 m, 400 m Relay.
- Swathi M, I IT Won Overall Championship at Annual sports day held on 10.03.2023.

STUDENT PARTICIPATION 2022-2023
(EVEN SEMESTER)

S.No	Duration	Programme Name	Organizing Institute	Student Name
1	30.04.2023	Stay Safe Online Campaign	G20	Akshaya.M
2	26.04.2023	Swaraj Quiz	MyGov and Prasar Bharati	Aarthi.S
3	27.04.2023	Eat Right Millets "Shree Anna" quiz!	Government of India	Devadharshini.K, Sneha.S
4	02.05.2023	Environmental Science	Science Club, RIT	Thanishka Shree.U
5	04.05.2023	India'sG20 Culture Track Quiz	MyGov &Ministry of Culture	Thanishka Shree.U
6	04.05.2023	April Month Quiz	New India Quiz	Aarthi.S, Sneha.S
7	01.05.2023 to 15.06.2023	Digital financial security	Ministry of Electronics & Information Technology, Government of India	Devadharshini.K, Sneha.S
8	02.06.2023	Bio plastics as alternatives to Synthetic plastics for Environmental Sustainability - Webinar	Department of Chemistry, RIT	Akshaya.M, Aarthi.G, Ashmitha K.V, Sivasekar.P, Subramanian.V, Thanishka Shree.U, Sri Saru Kumar.S
9	05.06.2023	Awareness Rally and Tree Plantation Programme	NSS, YRC &IIC of RIT	Gowtham.C, Dhinesh.K, Joel Paulraj.M, Subramanian.V
10	05.06.2023	Went to field trip to Ramco Eco Park at Panthalkudi on behalf of World Environment Day	RIT	Thanishka Shree.U, Akshaya.M, Swathi.S
11	16.06.2023	Yoga session on behalf of world yoga day	RIT	Thanishka Shree.U, Swathi.S, Swathi.M, Ashmitha K.V, Akshaya.M, Abinaya.S, Abinayaa S.G, Shanmugapriya.V, Joel Paulraj.M, Sivasekar.P, Dinesh pandian.G, Aarthi.G, Subalakshmi.G
12	26.05.2023	Minute to Win it	RIT- Infotrix	Gowthamman M, Vijaya Ragavan S, Dheenathayalan.P, Rishi Kesavan.K, Ajay.V, Gowtham.C, Dhinesh.K, Banu mathavan.V, Atheesh A, Sivamaharaj.S

STUDENT PARTICIPATION 2022-2023
(EVEN SEMESTER)

13	07.07.2023	Back-to-Back Stand - Non technical Event	RIT- Infotrix	Kavipraba.G, Abinanthana.N, Ananthi.P, Arun P, Ashmitha KV, Devadharshini K, Dhineh.K, Karthickrja.E, Harish.S, Karthick.K, Nisha.G, Prasath.J, Praveen Kumar.R, Ragul Raj.S, Ram Pandian.G, Nandhini.S, Samritha Sree Harini.M, Sathya.A, Sivamaharaj.S, Sneha.S, Sobana.S, Srdhar.S, Subramanian.V, Swathi.S, Thanishka Shree.U, Vignesh.G, Vijaya Ragavan.S, Yazhini.G, Subalakshmi.G, Swathi.M, Abinayaa.S.G, Nandini.S, Ackshaya.M
14	26.07.2023	Identicalness	RIT- Infotrix	Aarthi.G, Aarthi.S, Abinaya. S.G, Ajay.V, Ananthi.P, Arun.P, Ashmitha K.V, Banu mathavan.V, Devadharshini.K, Dhinesh.K, Elakiya.E, Gowdhamman.M, Harikrishnan.K, Harish.S, Joel Paulraj.M, Karthick.K, Kavipraba.G, Mohammed Islaam.K.A, Abinanthana.N, Abinaya.S, Samritha Sree Harini.M, Shanmugapriya.V, Sivamaharaj.S, Sneha.S, Sobana.S, Subramanian.V, Suhail Ahamed.M, Swathi.S, Thanishka shree.U, Thirumurgan.A, Vignesh.G, Vijaya Ragavan.S, Yazhini.G, Ackshaya.M, Sandhiya.M, Swathi.M, Nandhini.S, Akshaya.M

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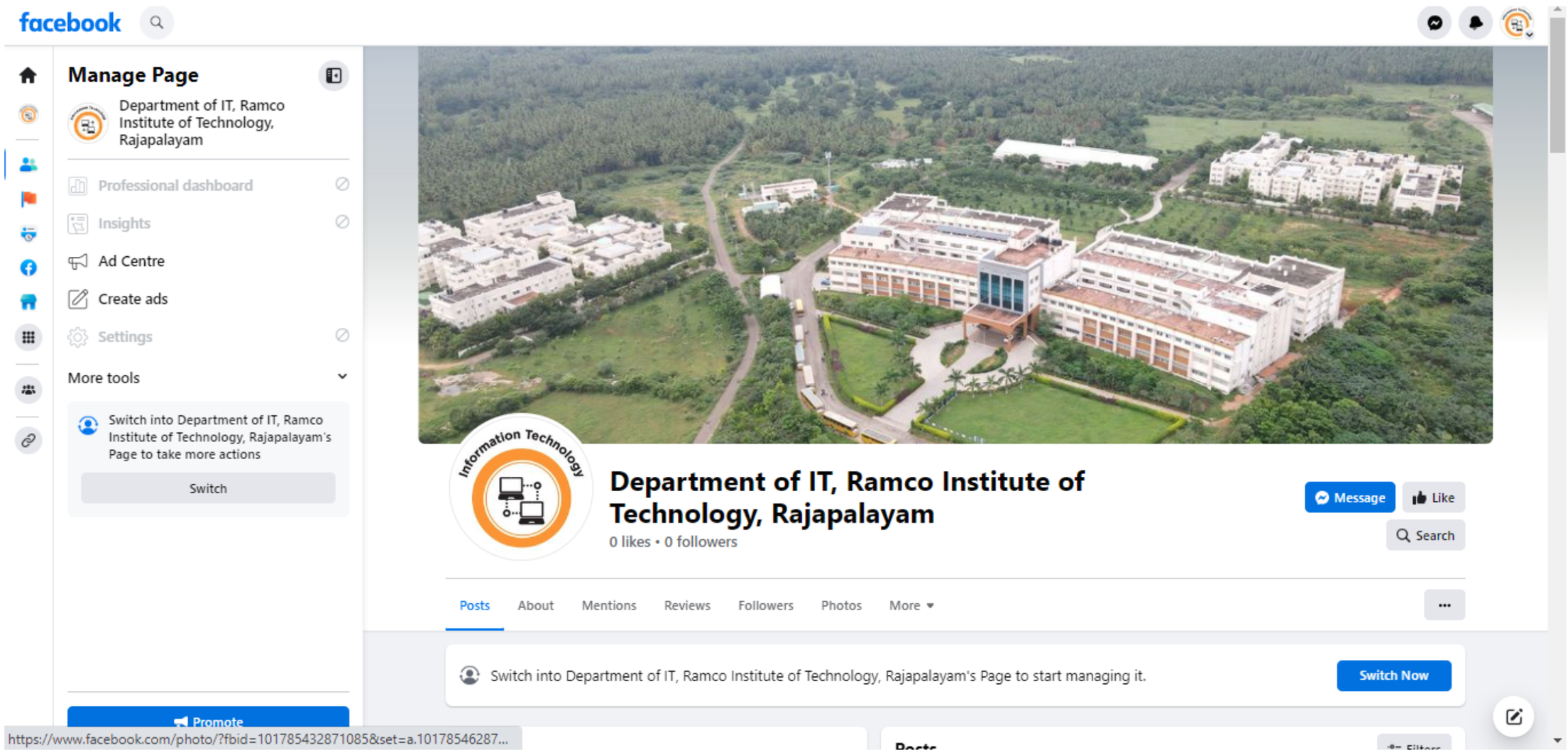
RIT INFOTRIX

Facebook Page link

https://www.facebook.com/profile.php?id=100091188843135



YouTube link

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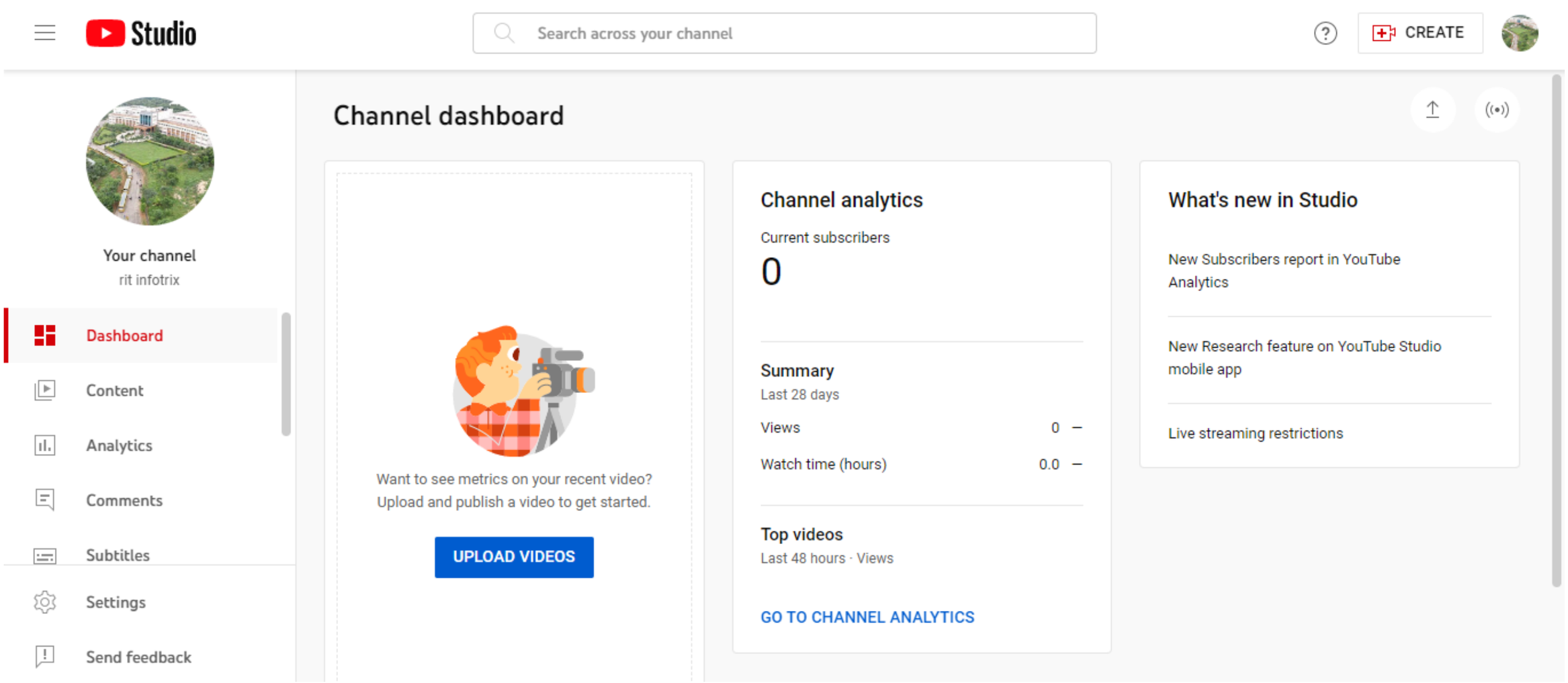

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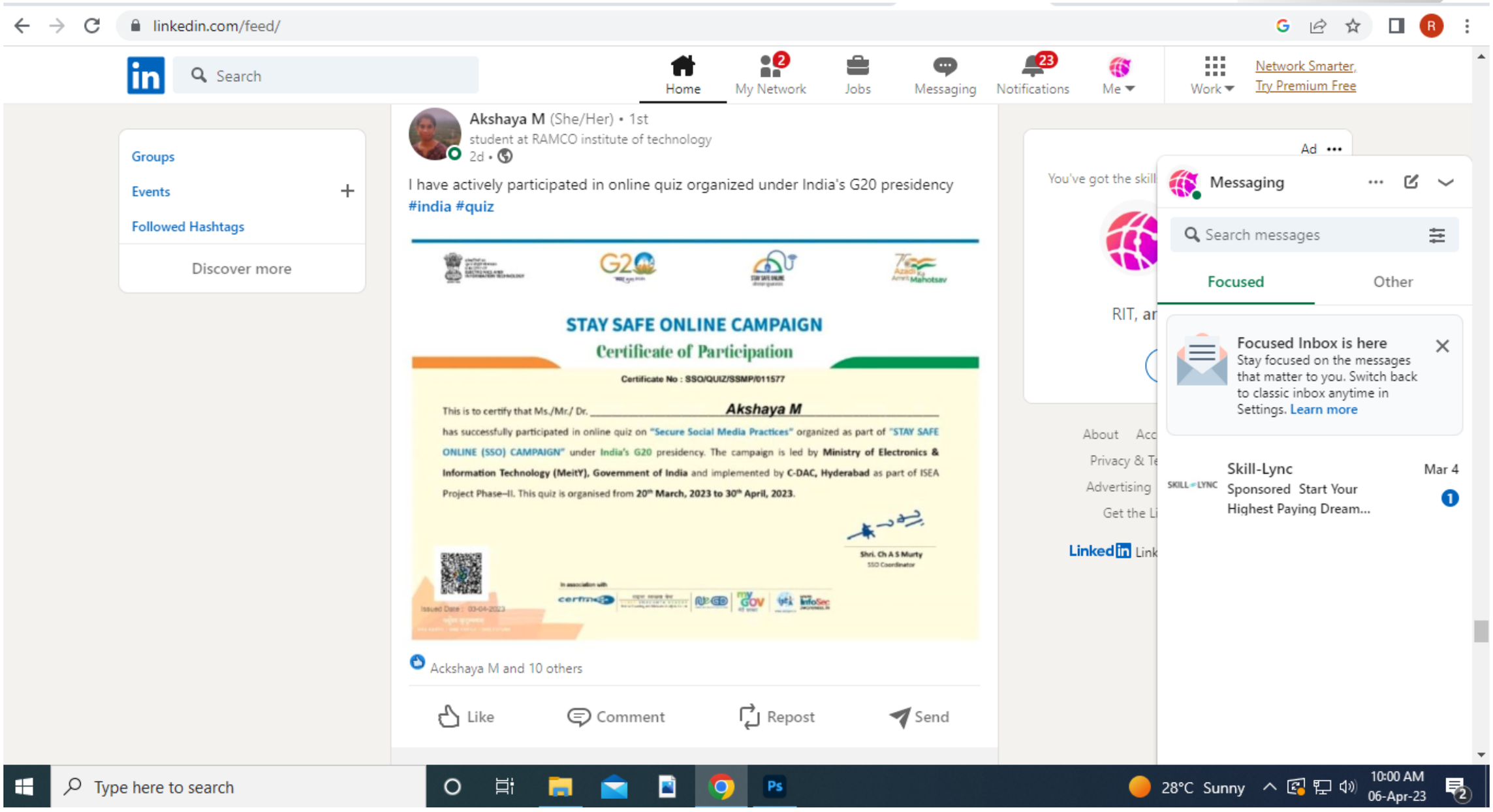
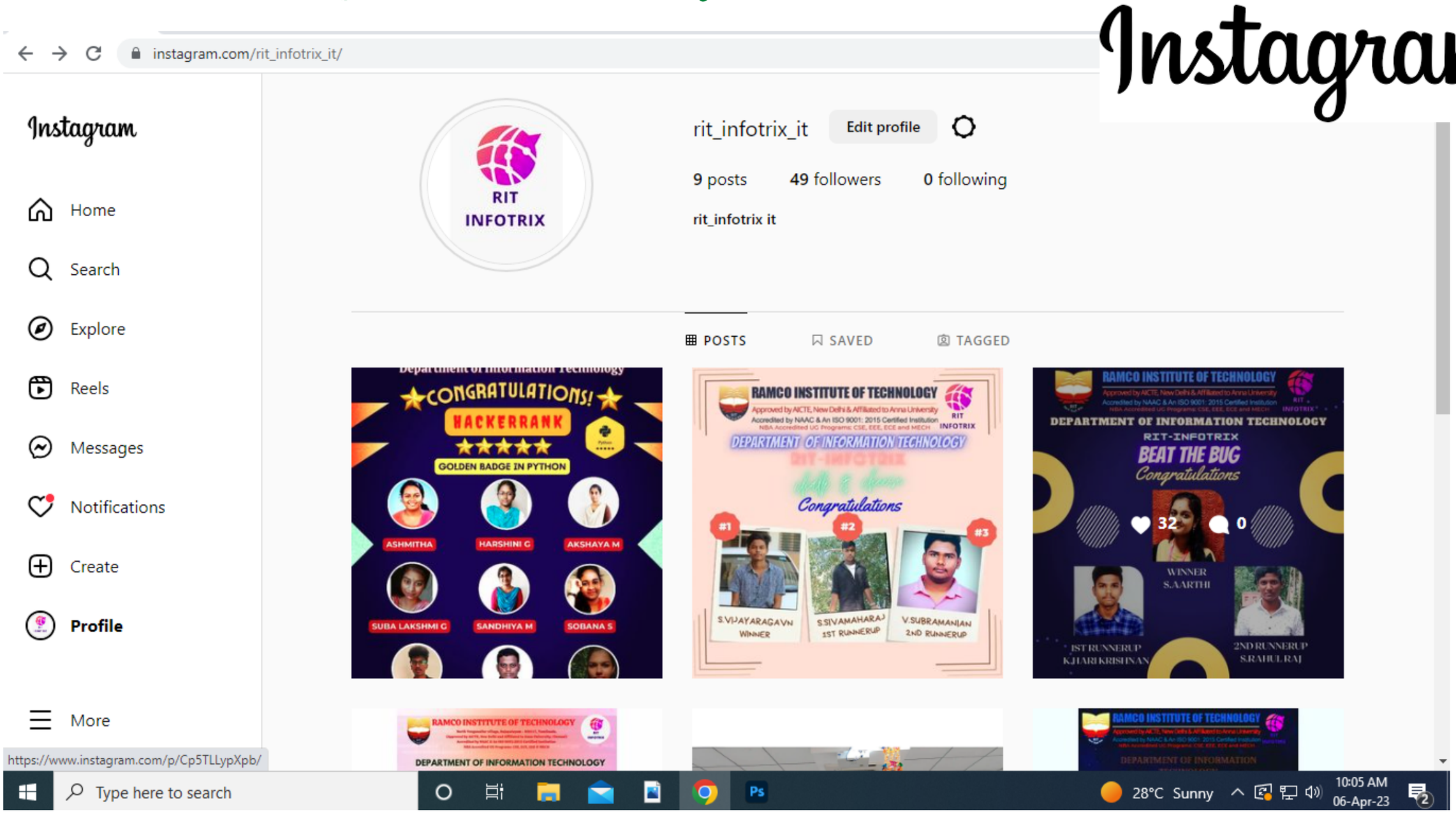
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