



TAGORE ENGINEERING COLLEGE

(A Member of Tagore Group of Institution, Rathinamangalam, Chennai -127)

APPROVED BY AICTE ,AFFILIATED TO ANNA UNIVERSITY

BYTES

VOLUME 1

2023

DEPARTMENT OF
INFORMATION TECHNOLOGY

July- December 2023

NEWSLETTER

Vision and Mission of the Institution

Vision of the Institution

To provide quality education in the field of Engineering and Management, inculcating strong ethical values.

Mission of the Institution

M1: To offer high-quality technical education enriched with expertise and ethical values.

M2: To create an environment and opportunities where students can evolve into Innovative, skilled and globally competitive professionals.

M3: To foster multidisciplinary research and skill development for the betterment of society

Vision and Mission and PEOs of the Department

Vision of the Department

To establish a comprehensive centre for IT students by providing quality education, research and inculcating strong ethical values.

Mission of the Department

M1: To produce technically competent and skill-based IT professionals.

M2: To create conducive environment for innovative and multidisciplinary research.

M3: To cultivate strong social and ethical values for the betterment of society.

Program Educational Objectives (PEOs)

PEO1: Graduates will be able to demonstrate technical competence with analytical ability to meet the diversified requirements in IT industry through academia

PEO2: Graduates will be able to gain significant domain expertise and provide business solutions to real world problems

PEO3: Graduates will be able to work in multidisciplinary industries with social and environmental responsibility to find optimal solutions

PEO4: Graduates will be able to engage in lifelong learning using novel technologies to enhance their career position

DEPARTMENT ACTIVITIES

Guest Lecture on” Exploring Networking with Cisco Packet Tracer”:

Dr.Anita.X, Associate Professor, School of Computer Science and Engineering, Vellore Institute of technology, Chennai presented a guest lecture on hands on session on “Exploring Networking with Cisco Packet Tracer” on 03.08.2023.

The poster is for a guest lecture at Tagore Engineering College. It features the college's logo and name at the top, along with accreditation details. The main title is "A GUEST LECTURE ON 'EXPLORING NETWORKING WITH CISCO PACKET TRACER'". The resource person is Dr. X. Anita, ME., Ph.D., Associate Professor at VIT Chennai. A circular portrait of Dr. Anita is shown. The event details include the location (Smart Classroom), time (10:30 AM), and date (03 August 2023). At the bottom, four organizers are listed: V. Archana (Co-ordinator), Dr. R. Beulah Jayakumari (Convenor), Dr. R. Ramesh (Patron), and Dr. M. Mala (Chief Patron).

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**A GUEST LECTURE
ON
" EXPLORING NETWORKING WITH
CISCO PACKET TRACER "**

Resource Person

DR.X.ANITA, ME., Ph.D,
ASSOCIATE PROFESSOR,
SCHOOL OF COMPUTER SCIENCE AND
ENGINEERING, VIT CHENNAI.

SMART CLASSROOM **10:30AM** **03 AUGUST 2023**

V. ARCHANA CO- ORDINATOR ASST. PROFESSOR	Dr.R.BEULAH JAYAKUMARI CONVENOR HOD-IT	Dr.R.RAMESH PATRON PRINCIPAL	Dr.M.MALA CHIEF PATRON CHAIRPERSON
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Guest Lecture on” Full Stack Web Development in Python”

Mr. Joe Vincent, Full Stack Developer, ReTech Chennai, presented a Guest lecture on hands on session on “Full Stack Web Development in Python” on 08.08.2023.



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DEPARTMENT OF INFORMATION TECHNOLOGY

GUEST LECTURE
ON
“FULL STACK WEB DEVELOPMENT IN PYTHON “

 **08.08.2023**

 **9:00 - 10:30 AM**

 **SMART CLASSROOM**

Resource Person
Mr. Joe Vincent, Full Stack Developer, ReTech, Chennai

Coordinator
Ms.K.Subashini
Asst. Professor - IT

Convenor
Dr.R.Beulah Jayakumari
HOD - IT

Patron
Dr.R.Ramesh
Principal

Chief Patron
Dr.M.Mala
Chairperson

Guest Lecture on” “Embedded Technology and its Applications”

Mr. D.A.Anand, Territory Technical Head and Mr.K.Gnanasundararaj, Embedded Engineer IPCS presented a Guest lecture on “Embedded Technology and its Applications” on 10.08.2023.



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DEPARTMENT OF INFORMATION TECHNOLOGY

GUEST LECTURE
ON
“EMBEDDED TECHNOLOGY AND ITS APPLICATIONS “

 **10, AUGUST 2023**

 **9:00 - 10:30 AM**

 **SMART CLASSROOM**

Resource Person
Mr.D.A.Anand,
Territory Technical Head, &
Mr.K.Gnanasundararaj,
Embedded Engr,
IPCS, Chennai

Coordinator
Mr.TKS.Sathyarayanan
AP/ EEE

Convenor
Dr.R.Beulah Jayakumari
HOD - IT

Patron
Dr.R.Ramesh
Principal

Chief Patron
Dr.M.Mala
Chairperson

Guest Lecture on “Insights on WUI/UX”

Mr.Sathish Kumar ED, Associate Academic Head, Image Creative Education, Chennai presented a guest lecture on “Insights on Web UI/UX” on 07.09.2023.

The poster is for a guest lecture titled "A GUEST LECTURE ON Insights on Web UI/UX". It is organized by the Department of Information Technology at Tagore Engineering College. The speaker is Mr. Sathish Kumar ED, Associate Academic Head and Sr Subject Leader/Educator in the WUI/UX department at Image Creative Education. The event is held at Bharathiyar Hall from 1.00 pm to 3.00 pm on 07th September 2023. The poster also lists the roles of four faculty members: G. BHUVANESWARI (CO-ORDINATOR), Dr. R. BEULAH JAYAKUMARI (CONVENOR), Dr. R. RAMESH (PATRON), and Dr. M. MALA (CHIEF PATRON).

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DEPARTMENT OF INFORMATION TECHNOLOGY

**A GUEST LECTURE
ON
Insights on Web UI/UX**

Speaker
Mr.Sathish Kumar ED
Associate Academic Head
Sr Subject Leader/Educator
WUI/UX department.

image
Creative Education

Bharathiyar Hall **1.00 pm-3.00 pm** **07TH SEPTEMBER 2023**

G.BHUVANESWARI **Dr.R.BEULAH JAYAKUMARI** **Dr.R.RAMESH** **Dr.M.MALA**
CO- ORDINATOR CONVENOR PATRON CHIEF PATRON
ASST. PROFESSOR HOD-IT PRINCIPAL CHAIRPERSON

Workshop on “Emerging Trends of Cloud Computing and Industry Application”

Department of IT conducted Workshop on “Emerging Trends of Cloud Computing and Industry Application” from 29.9.23 to 30.9.2023 by Mr.P.Sanjay, Wipro Technologies, Devops and Cloud Infrastructure Specialist.

Seminar on “Building real time application using Java Packages”

Dr. Motihari Narendra, Senior Assistant Professor, School of Computer Science and Engineering, Vellore Institute of Technology, Chennai presented a Seminar on “Building real time application using Java Packages” on 17.10.2023.



Seminar on “Application of Distributed Databases”

Mr.B.Sundaraiya, Database Administrator, Doyansys Pvt. Ltd, Chennai presented a Seminar on “Application of Distributed Databases” on 27.10.2023.



Seminar on “Application of Distributed Databases”

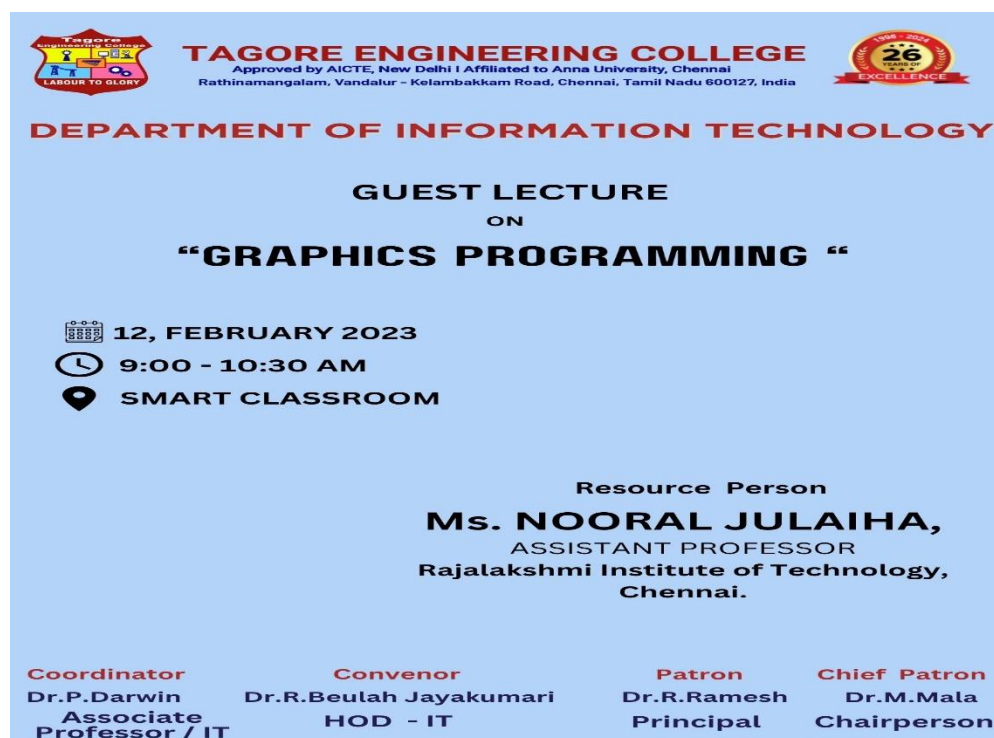
Mr.Ashok Kumar Mohan,Founder & CEO, Kriyavan Cyber Forensic Service Pvt.Ltd presented a Seminar on “Crypto Currency Trading And Ethical Hacking” on 03.11.2023.

Workshop on “R- programming language”

Workshop on “R- programming language” organized by Department of Information Technology on 01.12.23 by Dr.LJani Anbarasi,Associate professor, School of CSE, VIT, Chennai.

Guest Lecture on “Graphics Programming”

Guest lecture on “Graphics Programming” organised by Department of Information Technology on 12.12.2023 by Ms.Noorul Julaiha, AP/CSE, Rajalakshmi Institute of Technology Chennai .



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DEPARTMENT OF INFORMATION TECHNOLOGY

**GUEST LECTURE
ON
“GRAPHICS PROGRAMMING”**

12, FEBRUARY 2023
9:00 - 10:30 AM
SMART CLASSROOM

Resource Person
Ms. NOORAL JULAIHA,
ASSISTANT PROFESSOR
Rajalakshmi Institute of Technology,
Chennai.

Coordinator Dr.P.Darwin Associate Professor / IT	Convenor Dr.R.Beulah Jayakumari HOD - IT	Patron Dr.R.Ramesh Principal	Chief Patron Dr.M.Mala Chairperson
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Signing of Memorandum of Understanding (MoU)

S.No	Company Name	Date of Signing	Outcome
1	Pantech eLearning Pvt Ltd	31.08.2023	Internships, Student Projects, online certification
2	Microtronix System Solutions	29.08.2023	Internships, Student Projects
3	Polenza Tech Solutions Pvt Ltd	29.08.2023	Working Models, Hands-on Workshops
4	QMOS Technologies	28.08.2023	Working Models, Hands-on Workshops
5	Vi Micro Systems Pvt Ltd	28.08.2023	Working Models, Internships, Mini Projects, Major Projects, Guest Lecture Hands-on Workshops
6	Advantech Instruments and Services	24.08.2023	Internships, Mini Projects, Major Projects, Guest Lectures

STAFF ACTIVITIES

IEEE Book Chapter:

IEEE CHAPTER SERIES – SMART ENERGY NEW INSIGHTS IN SUSTAINABLE ENVIRONMENT WITH POLICIES Secure And Efficient Iot Device Authentication Using Blockchain Technology Dr. R. Beulah Jayakumari, Professor & Head, Department of Information Technology, Tagore Engineering College, Chennai,TamilNadu –600 127.

FDP attended by Faculty:

1. Dr.R.Beulah Jayakumari, Ms.A.Suganya had attended FDP on Scope of AI and Technological Advancements in Research and Industrial Perspective conducted by SRM Institute of Science and Technology, Chennai from 01.07.2023 To 08.07.2023.
2. Dr.R.Beulah Jayakumari Mr.S.Murugesan, Ms.G.Bhuvaneshwari Ms.K.Subashini ,Ms.V.Archana had attended FDP on Research Tools conducted by Easwari Engineering College, Chennai from 03.07.2023 To 14.07.2023.

3. Mr.S.Murugesan, Ms.K.Subashini Ms.A.Suganya Ms.V.Archana had attended FDP on Full Stack Development conducted by Kamaraj College of Engineering and Technology from 11.07.2023 To 15.07.2023.
4. Dr.R.Beulah Jayakumari and Ms.G.Bhuvaneshwari had attended FDP on ISTE sponsored FDP on “Cloud Computing with Machine Learning”conducted by SRM Institute of Science and Technology, Chennai from 10.07.2023 to 15.07.2023.
5. Ms.G.Bhuvaneshwari had attended FDP on Cyber Security conducted by PALS from 31.07.2023 to 04.08.2023.
6. Ms.S.Shobana,Ms.E.Priya had attended FDP on Evolving Potentials in Quantum Computing Applications conducted by SRM Institute of Science and Technology, Chennai 11.09.2023 to 15.09.2023.
7. Dr.R.Beulah Jayakumari,Dr.S.Murugesan,Ms.K.Subashini,Ms.S.Shobana had attended FDP on Evolving Potentials in Quantum Computing Applications conducted by VIT, Chennai from 21.08.2023 to 25.08.2023.
8. Dr.R.Beulah Jayakumari,Dr.P.Darwin,Ms.K.Subashini,Ms. B.Nithya had attended Workshop on “Recent Trends and Technologies in Microwave Devices Design & its Research Scopes” conducted by Rajalakshmi Institute of Technology, Chennai from 03.10.2023 to 14.10.2023.
9. Ms.Krishnaveni, Assistant Professor attended PALS GATE-JAM 2024 GATE Training Programme at IIT Madras.



Publication of Faculty:

1. Mr. Sudheer Reddy Bandi, Dr. Anbarasan M, Dr. Merlin Linda G, Dr. Murugesan S, “Microwave Remote Sensing Scope and Challenges in Image Interpretation-A review”, Scope, DOI: 10.54882/13202313202317467, Vol. 13 No.3, pp. 958-966, Sep 2023.

STUDENT ACTIVITIES

1. Vignesh B, Sathish E, Arjun A S have done internship on Python at RETECH Solutions Pvt Limited from 10.07.2023- 22.7.23
2. Ganesh Kumar C, Sanjay K, Praveen S.M have done internship on ANDROID Application Development with IOT at NSIC -Technical Service Center from 26.06.2023- 03.7.23.
3. Charumathi B, Jasper E, Indumathi S have done internship on Web development at CodeBind Technologies from 10.07.2023- 16.7.23.
4. Kokilavani B, Abinaya M, Ganesh Kumar K, Surendhar S. N, Sandhya V have done internship on Cyber security at NSIC -Technical Service Center from 17.07.2023- 24.7.23.
5. Maheswaran, Bernard Abraham, Manikandan have done internship on ANDROID Application Development with IOT at NSIC -Technical Service Center from 10.07.2023- 17.7.23.
6. Swathi G, Hemalakshmi D, Merlin Vesiya V, Ramya S, Surya S J, Lathifunisa Tausifa, Vignesh S attended Mega Entrepreneurship Program organized by Sairam Institutions on 4.02.2023.
7. Malathi.K, IV Year has completed NPTEL online Certification course on “Python for Data Science” conducted by “Indian Institute of Technology, Madras” on Jul-Aug 2023.



8. Sandhiya.V, IV Year has completed NPTEL online Certification course on “Python for Data Science” conducted by “Indian Institute of Technology, Madras” on Jul-Aug 2023.



9. Aswindatha. S, II Year IT had participated in the National level Technical symposium event " PIXSELFEST" at Jerusalem college of Engineering and won FIRST PRIZE and also received a cash award .



10. Kaviya A II Year IT participated in the National level Technical symposium event “FINDEN MEDiCIRC “at Jerusalem college of Engineering and won SECOND PRIZE and also received a cash award .
11. S R Deepak, J Santhosh, Q Kannan and K Karthick, II Year IT students Won Third Place in Xpresso II National level Technical event held at Sairam Engineering College on 19-10-2023.



12. Smart India Hackathon 2023: 13 teams from IT have participated in Idea Presentation on 26.09.2023.





Students Placement Activities:

S.No.	Name of the Student	Register No	Name of the Employer
1	Abinaya.D	412720205001	Sutherland Global Services & Qspiders
2	Arjun.A.S	412720205003	Sutherland Global Services & Qspiders
3	Ezhilarasu M	412720205006	Qspiders
4	Harish P	412720205010	Sutherland Global Services
5	Maheswaran M	412720205014	Sutherland Global Services& Qspiders
6	Malathi K	412720205015	Sutherland Global Services& Qspiders
7	Pravin Gandhi	412720205017	Sutherland Global Services

8	Sandhiya	412720205019	Sutherland Global Services
9	Saritha .c	412720205020	Sutherland Global Services

INDUSTRIAL VISIT:

1. Final year IT students industrial visit to ISRO, Bangalore.



2. Third year students Industrial visit to Image Creative Education, Alwarpet.



3. Second year students Industrial visit to Birla Planetarium, Chennai

