



TAGORE ENGINEERING COLLEGE

Department of Information Technology

Approved by AICTE, New Delhi | Affiliated to Anna University, Chennai

Rathinamangalam, Vandalur – Kelambakkam Road, Chennai, Tamil Nadu- 600 127, India

S.NO	ACADEMIC YEAR	TOPIC	DATE	CO-ORDINATOR
1	2022-23	5 DAY Faculty Development Program on Full Stack Web Development	12.06.2023 to 16.06.2023	Mr.S.Murugesan Ms.K.Subashini
2	2021-22	Online 6 Day Summer Faculty Development Program on Cloud Computing	18.07.2022 to 23.07.2022	Dr.R.Buelah Jayakumari Ms.G.Bhuvaneshwari
3	2020-21	Exploring cutting Edge Technology Trends in Software Industry	24.05.2021 to 28.05.2021	Mr.G.Kamesh Ms.G.Bhuvaneshwari

ABOUT TEC

Tagore Engineering College is a reputed Institution affiliated to Anna University which was established during the year 1998 to provide quality education to younger generation. The campus is located at Rathinamangalam, (Vandalur-Kelambakkam Road) which is about 6 Kms from Vandalur in Chengalpattu District. The College offers five undergraduate Courses and also three postgraduate courses in the field of Engineering, Technology and Management. The best of the facility are made available for the students which include excellent infrastructure, State of the art laboratories and an excellent library to ignite younger brains. With dedicated faculty members and committed supporting staffs, the institution always looks lively with full of academic, Research, Co-curricular and Extracurricular Activities.

ABOUT THE DEPARTMENT

Department of Information Technology has been established in our institution has been functioning right from the year 2009. The department is endowed with well qualified experienced, dedicated and committed faculty and very high skilled supporting staff. The department is equipped with very advanced and sophisticated Laboratory and also to meet the research and consultancy needs of the department. Organizing workshops to the field engineers, conducting seminars on latest developments and arranging expert lectures for the benefit of students is a regular feature in the department. Apart from giving their best in academic, the students of the department are encouraged to participate in Co-curricular and extra-curricular activities.

CHIEF PATRONS

Dr. M. Mala, Chairperson

Tagore Engineering College

PATRONS

Dr. R. Ramesh, Principal

Tagore Engineering College

CONVENER

Dr. R. Beulah Jayakumari, Professor & Head,
IT, TEC

FDP COORDINATOR

Mr. S. Murugesan, Assistant Professor IT, TEC

Ms. K. Subashini, Assistant Professor IT, TEC

CONTACT PERSON

Dr. R. Beulah Jayakumari, Professor & Head,
IT, TEC

Phone: 9486580399

Email ID: hod.it@tagore-engg.ac.in

ABOUT THE FDP

Full stack web-development is combining front-end technologies like HTML, CSS and JavaScript frameworks with back-end solutions such as Node.js and Python allows for tailored applications that enhance student engagement. Key benefits include customizable teaching tools, improved collaboration, and preparation of students for tech careers. Applications like Learning Management Systems and interactive modules further enrich the educational experience. By integrating full stack development into training, educators can innovate and better prepare students for a tech-driven future.

TAGORE ENGINEERING COLLEGE

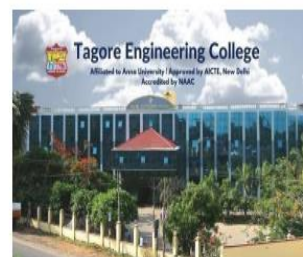
Rathinamangalam, Chennai



Announces

A Five-Day Faculty Development Program on Full Stack Web Development

12.06.2023-16.06.2023



Organized by

Department of IT

Tagore Engineering College
Rathinamangalam, Vandalur
Chennai- 600127

Online 5 Day Faculty Development Program 2022-23 Schedule

FDP Title: “Five Day Faculty Development on Full Stack Web Development”

Start Date: 12.06.2023

Day 1 12.06.2023	Day 2 13.06.2023	Day 3 14.06.2023	Day 4 15.06.2023	Day 5 16.06.2023
10:00 AM - 12:00 AM: Session 1 Topic: React & Angular - A DEMO Name of the Expert: Mr. Vijaya Kumar Designation & Organization: Senior Full stack developer, Menthee technologies pvt. Ltd.	10:00 AM - 12:00 AM: Session 1 Topic: Nodejs (BACK-END) Name of the Expert: Dr. S. Raghavendran Designation & Organization: Associate professor , Tagore Engineering college , Chennai.	10:00 AM - 12:00 AM: Session 1 Topic: Express js Name of the Expert: Ruban Thilak Designation & Organization: Senior Software Engineering, Freshworks , Chennai.	10:00 AM - 12:00 AM: Session 1 Topic: MongoDB (BACK-END) Name of the Expert: Mr. Murugesan Designation & Organization: Assistant professor , Tagore Engineering college , Chennai	10:00 AM - 12:00 AM: Session 1 Topic: SQL Databases Name of the Expert: Mr. Vignesh Designation & Organization: Senior Full stack developer, Vesteria consultancy Pvt Ltd .
1P.M-3P.M Session 2 Topic: React & Angular - A DEMO Name of the Expert: Mr. Vijaya Kumar Designation & Organization: Senior Full stack developer, Menthee technologies pvt. Ltd.	1P.M-3P.M Session 2 Topic: Nodejs (BACK-END) Name of the Expert: Dr. S. Raghavendran Designation & Organization: Associate professor , Tagore Engineering college , Chennai.	1P.M-3P.M Session 2 Topic: Express js Name of the Expert: Ruban Thilak Designation & Organization: Senior Software Engineering, Freshworks , Chennai.	1P.M-3P.M Session 2 Topic: MongoDB (BACK-END) Name of the Expert: Mr. Murugesan Designation & Organization: Assistant professor , Tagore Engineering college , Chennai	1P.M-3P.M Session 2 Topic: SQL Databases Name of the Expert: Mr. Vignesh Designation & Organization: Senior Full stack developer, Vesteria consultancy Pvt Ltd.

ABOUT THE INSTITUTION

Tagore Engineering College is one of the reputed Institutions affiliated to Anna University which was established in the year 1998 for providing eminence education for the younger peers. The campus is located at Rathinamangalam, Vandalur- Kelambakkam Road which is about 6 Kms from Vandalur in Chengalpattu District. The College offers five Undergraduate Courses and three Postgraduate Courses in the dome of Engineering, Technology and Management. The College provides profound teaching, learning aids with tremendous infrastructure. The highly equipped laboratories and an outstanding library add as a fuel to ignite the young brains of our institution. The institution always appears dynamic in all aspects of Academic, Research, Co-curricular and Extracurricular Activities with devoted faculties and committed supporting staff members.

ABOUT THE DEPARTMENT

The Department of Information Technology has been established in the year 1998. The department is endowed with well proficient experienced and enthusiastic faculty members with extraordinary skillful supporting staff. The department is fortified with advanced,

Sophisticated laboratory to encounter the research and consultancy for the emerging industrial sectors. The department consistently conducts Workshops, Seminars, Guest lectures and Conferences for the benefit of the students to satisfy their Career requirements.

PROGRAMME OBJECTIVE

This Faculty Development Training Programme is envisioned to provide a platform for elevating and upgrading the acquaintance of Faculty members in the area of Cloud Computing. However, the main focus of content delivery will be based on the B.E (CSE) / B.Tech (IT) Syllabus of Anna University.

TARGETED AUDIENCE

The course of the FDTP is open to faculty members from Anna University Affiliated Engineering Colleges.

RESOURCE PERSONS

Experts from DRDO, Anna University, Deemed Universities and from reputed Industries.

A SIX DAY ONLINE FDTP

ON

CS8791 - CLOUD COMPUTING

18th July 2022 to 23rd July 2022

REGISTRATION FORM

Dr. R. Beulah Jayakumari

Professor & Head
Department of IT

&

Ms. G. Bhuvaneshwari

Associate Professor
Department of IT



Sponsored by

**Centre for Faculty Development
ANNA UNIVERSITY
CHENNAI**

Organized by

Department of Information Technology



Tagore Engineering College

Rathinamangalam,
Vandalur – Kelambakkam Road,
Chennai- 600127

COURSE TOPIC

- Introduction to Cloud Computing
- Service Oriented Architecture and Web services
- Virtualization and its types.
- Cloud Architecture and its types
- Cloud security challenges
- Hadoop and Map Reduce framework
- Applications of Cloud Technologies

REGISTRATION DETAILS

- There is no course fee for the Programme.
- The number of participants is limited to 60 only.
- Participants are selected on first come first serve basis and will be intimated through email only.
- Send the scanned copy of duly filled registration forms to the co-ordinators by e-mail on or before 01.07.2022

E- Mail ID: itfdtp2022@gmail.com

Contact - Ms. G. Bhuvaneshwari

+91 9791461753

- Any application received after the last date will be rejected.

REGISTRATION FORM

Faculty Development Training Programme

on

Cloud Computing (CS8791)

18th July 2022 to 23rd July 2022

1. Name :
2. Age & DOB :
3. Gender :
4. Designation :
5. Qualification & Experience :
6. Institution Address :
7. E-mail ID :
8. Mobile Number :

The information provided by me is true to my knowledge and I agree to abide the rules and regulations of the FDTP. If selected I shall attend the programme for the entire duration.

Signature of the Applicant

Signature of the HoD/Principal

The participant can register through online

<https://tinyurl.com/ITFDTP2022>

and submit your registration form on or before

01.07.2022

ORGANIZING COMMITTEE

CHIEF PATRON	: Vice-Chancellor Anna University Chennai
PATRON	: Registrar Anna University Chennai Dr. Usha Natesan Director Centre for Constituent Colleges
CHAIR	: Dr. D. Sridharan Director, CFD Dr. V. Adaikkalam Addl. Director, CFD
CO-CHAIR	: Dr. R. Ramesh Principal Tagore Engineering College
CO-ORDINATORS	: Dr. R. Beulah Jayakumari Professor & Head Department of IT Ms. G. Bhuvaneshwari Associate Professor Department of IT

IMPORTANT DATES:

Submission of Application	: 01.07.2022
Intimation of selection	: 04.07.2022
Confirmation by Participants	: 05.07.2022



TAGORE ENGINEERING COLLEGE
RATHINAMANGALAM, CHENNAI - 600 127
DEPARTMENT OF INFORMATION TECHNOLOGY

A SIX DAY ONLINE FOTP ON CS8791 – CLOUD COMPUTING

Detailed Schedule of the Training Programme

Day	Session 1 9.00 a.m. to 10.30 a.m.	Session 2 10.45 a.m. to 12.15 p.m.	Session 3 1.30 p.m. to 3.00 p.m.	Session 4 3.15 p.m. to 4.45 p.m.
18.07.2022	Inaugural Address Dr. R. Ramesh Principal, Tagore Engineering College, Chennai-600127 Introduction to Cloud Computing, Definition of Cloud, Evolution of Cloud Computing, Underlying Principles of Parallel and Distributed Computing Cloud Characteristics Dr. R. Beulah Jayakumari Professor & Head Department of Information and Tech. Tagore Engineering College Chennai-600127	Elasticity in Cloud, On-demand Provisioning Mr. R. Ramkumar Senior Manager Conduent Business Services India, Bengaluru.	IaaS – PaaS – SaaS – Architectural Design Challenges Dr. G. Geetha Professor & Head IPR Cell, Department of CSE, Jerusalem College of Engineering, Chennai	Cloud Storage Providers, S3 Dr. G. Geetha Professor & Head IPR Cell, Department of CSE, Jerusalem College of Engineering, Chennai
19.07.2022	Technology Enabled Teaching, Learning & Innovation Dr. C. R. Renerobin Professor & Dean (Innovation), Sairam Engineering College, Chennai.	Virtualization and its types, Implementation Levels of Virtualization, Virtualization Structures, Tools and Mechanisms Dr. C. Valliyammai Associate Professor Department of Computer Technology MIT Campus Anna University, Chennai.	Simulate a cloud scenario using CloudSim and run a scheduling algorithm that is not present in CloudSim (Tutorial) Dr. B. Jaishankar Associate Professor Dept. of CSE Tagore Engineering College, Chennai	Virtualization of CPU, Memory and I/O devices Dr. S. Giffney Winstler Associate professor Department of Computing Technology SRM University, Kattankulathur, Chennai

LUNCH BREAK

LUNCH BREAK

20.07.2022	Cloud Architecture, Public, Private and Hybrid clouds, Simulate a cloud scenario using CloudSim and run a scheduling algorithm that is not present in CloudSim, Find a procedure to launch virtual machine using trystack (Online Openstack Demo Version) Dr. S. Muthurajkumar Assistant Professor Department of Computer Technology MIT Campus Anna University, Chennai	Cloud characteristics Cloud storage, storage as a service, advantages of cloud storage Dr. S. Sumathi Assistant Professor, Anna University- Thoothukudi campus.	Service Oriented Architecture, Web services Dr. S. Lilly Sheeba Associate Professor Department of CSE SRM University Ramapuram, Chennai.	To develop web applications in cloud Mr. C. Sivasankar Assistant Professor Department of CSE SRM University Ramapuram, Chennai.
21.07.2022	Google App Engine, Install Google App Engine. Create hello world app and other simple web applications using python/java. Dr. V. P. Jayachitra, Assistant Professor (Sr. Grade) Department of Computer Technology MIT Campus Anna University, Chennai.	Amazon AWS, Cloudsim simulation Dr. K. Saravanan Assistant Professor/HoD Department of CSE Anna University, Tirunelveli.	Inter Cloud Resource Management, Federation in the Cloud, Four Levels of Federation, Federated Services and Applications Dr. V. Arulkumar Assistant Professor Department of IT SSN College of Engineering Chennai.	Security Overview, Cloud Security Challenges, Software-as-a-Service Security, Security Governance, Virtual Machine Security, Security Standards Ms. A. Suganya Assistant Professor Tagore Engineering College Chennai-600127
22.07.2022	Hadoop, MapReduce Dr. Doreen Robin Director Computational Intelligence Research Foundation, Chennai	Install Hadoop single node cluster and run simple applications like wordcount (Tutorial) Dr. Doreen Robin Director Computational Intelligence Research Foundation, Chennai	Cloud Technologies and Advancements Dr. P. S. Pandian Scientist Defence Research and Development Organization (DRDO) Bengaluru, India.	Install Virtualbox/VMware Workstation with different flavours of Linux or windows OS on top of windows 7 or 8. (Tutorial), Install a C compiler in the virtual machine created using virtual box and execute Simple Programs. (Tutorial) Mr. T. Sanjay Specialist Devops and cloud infrastructure Wipro technologies
23.07.2022	Test for Participants Ms. A. Suganya Assistant Professor Tagore Engineering College Chennai-600127	Group Discussion Ms. G. Bhuvaneshwari Associate Professor Tagore Engineering College, Chennai-600127	Presentation by Participants Ms. G. Bhuvaneshwari Associate Professor Tagore Engineering College, Chennai-600127	Test paper Discussion and Distribution & Valedictory function Ms. A. Suganya Assistant Professor Tagore Engineering College Chennai-600127 Dr. R. Beulah Jayakumari Professor & Head Department of Information and Tech. Tagore Engineering College, Chennai-600127

ABOUT TEC

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Tagore Engineering College

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Dr. L. Raja, Principal

Tagore Engineering College

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FDP COORDINATOR

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Ms. G. Bhuvaneshwari, Assistant Professor IT,
TEC

CONTACT PERSON

Dr. R. Beulah Jayakumari, Professor & Head,
IT, TEC

Phone: 9486580399

Email ID: hod.it@tagore-engg.ac.in

ABOUT THE FDP

Cutting-edge technologies are the latest and most innovative developments in computer science. The cutting-edge tools, solutions, and platforms are called game changers for a reason. Probably everyone has heard about generative Artificial Intelligence or quantum computing. To create innovative solutions, software development projects utilize augmented reality technologies to a science-fiction level. These cutting-edge technologies are revolutionizing the software development process and allowing businesses to develop faster, more efficient solutions. Cutting-edge technologies are being used in a variety of applications, from medicine to customer service, and are having a lasting impact on the way humans interact with the world, changing our reality irretrievably.

TAGORE ENGINEERING COLLEGE

Rathinamangalam, Chennai

DEPARTMENT OF
INFORMATION TECHNOLOGY



Announces

**A Five-Day Faculty Development Program On
Exploring the Cutting-Edge Technology
Trends in Software Industry**

(24th May 2021 – 28th May 2021)



Organized by

Department of IT

Tagore Engineering College
Rathinamangalam, Vandalur
Chennai- 600127

FDP Title: “EXPLORING CUTTING EDGE TECHNOLOGY TRENDS IN SOFTWARE INDUSTRY”**Start Date: 24.05.2021**

Day 1 24.05.2021	Day 2 25.05.2021	Day 3 26.05.2021	Day 4 27.05.2021	Day 5 28.05.2021
10:00 AM - 12:00 AM: Session 1 Topic: FULL STACK DEVELOPMENT (FRONT-END) Name of the Expert: Mr. Raja Sundaram Subramanian Designation & Organization: Director software and Quality Engineering, Expleo Solutions, Chennai.	10:00 AM - 12:00 AM: Session 1 Topic: FULL STACK DEVELOPMENT (BACK-END) Name of the Expert: Mr. Sudeesh Sankaravel Designation & Organization: Associate Fellow Data Scientist, Verizon Data Services India, Chennai.	10:00 AM - 12:00 AM: Session 1 Topic: CYBER SECURITY AND CYBER FORENSICS Name of the Expert: Dr. Shiny Duella J Designation & Organization: Associate Professor, SRM Institute of Science and Technology, Chennai.	10:00 AM - 12:00 AM: Session 1 Topic: AI, NEURAL NETWORK AND NAÏVE BAYE'S THEORM- A DEMO Name of the Expert: Dr.G.Geetha Designation & Organization: Professor, Jerusalem College of Engineering, Chennai.	10:00 AM - 12:00 AM: Session 1 Topic: ARTIFICIAL INTELLIGENCE OF THINGS (AIoT) Name of the Expert: Dr.R.Beulah Jayakumari Designation & Organization: Professor & Head, Department of Information Technology, Tagore Engineering College, Chennai.
1P.M-3P.M Session 2 Topic: FULL STACK DEVELOPMENT (FRONT-END) Name of the Expert: Mr. Raja Sundaram Subramanian Designation & Organization: Director software and Quality Engineering, Expleo Solutions, Chennai.	1P.M-3P.M Session 2 Topic: FULL STACK DEVELOPMENT (BACK-END) Name of the Expert: Mr. Sudeesh Sankaravel Designation & Organization: Associate Fellow Data Scientist, Verizon Data Services India, Chennai.	1P.M-3P.M Session 2 Topic: CYBER SECURITY AND CYBER FORENSICS Name of the Expert: Dr. Shiny Duella J Designation & Organization: Associate Professor, SRM Institute of Science and Technology, Chennai.	1P.M-3P.M Session 2 Topic: AI, NEURAL NETWORK AND NAÏVE BAYE'S THEORM- A DEMO Name of the Expert: Dr.G.Geetha Designation & Organization: Professor, Jerusalem College of Engineering, Chennai.	1P.M-3P.M VALEDICTORY FUNCTION