About the Institution

Nadar Saraswathi College of Engineering and Technology, established in 2010, aims to uplift rural students by nurturing them into responsible citizens and dynamic professionals. Situated on a 21-acre eco-friendly campus in Vadapudupatti, near Theni, the college is dedicated to producing outstanding engineers.

In today's society, the importance of science and technology cannot be overstated. NSCET offers quality academic and career education, preparing students for successful employment through teaching, learning, and research. The college focuses on providing lifelong educational opportunities, equipping students with the skills and credentials needed to advance in their chosen careers.Faculty recruitment emphasizes excellence in teaching, along with the ability to conduct research and provide regional and state services. The college also offers a comprehensive range of support services to ensure student success.

About the Department

The Department of Information Technology at NSCET is dedicated to creating an environment that nurtures learning, research, and innovation through the use of modern computing technologies. With a strong focus on technical expertise and practical skills, the department prepares students to excel as software professionals, entrepreneurs, and problem-solvers in the digital era.The department encourages innovation, ethical practices, and research-oriented learning, enabling students to meet the growing demands of the IT sector while contributing to society with impactful solutions. address global challenges in the dynamic tech industry.

Objectives of the Workshop
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The objective of this workshop is to provide participants with hands-on experience in deploying applications on AWS using Docker, MySQL, and UI integration. It aims to enhance practical skills in cloud deployment, containerization, and database connectivity, while introducing prompt engineering and AI trends to prepare students for modern industry demands.

Patrons – TMHNU MANAGEMENT
****

Mr. A. S. G. Dharmarajan, B.A, President
Mr. A. S. Jeevagan , Vice President
Mr. M M Anandavel, MBA General Secretary
Mr. B. Ramachandran,M.B.A, Treasurer

Advisory Committee
****

Er. A.S.S.S.Soma Sundaram, B.E. Secretary.
Mr.T.Subramani, B.C.A., M.B.A. Joint Secretary.
. Dr. C. Mathalai Sundaram, M.E., M.B.A, Principal .
Mr.N.Mathavan, M.E. M.B.A Ph.D
Vice Principal.
Dr.M.Sathya, M.Tech, Ph.D, Vice Principal .
Dr.C.Karthikeyan , M.A.,B.Ed.,Ph.D., Placement Officer

Workshop Coordinators
****

1) Mr.N.Kesavamoorthy AP/IT
    Cell: 9942390288 .
    Email : kesavamoorthy@nscet.org
2) Mrs.S.Mahalakshmi AP/IT
    Cell :8248721606
    Email : mahalakshmi@nscet.org

One day State level Hands-on Workshop on Deploying the Application on AWS Cloud

06/09/2025

Department of Information Technology

Nadar Saraswathi College of Engineering and Technology,

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

Accredited by NAAC with 'A' Grade | An ISO 9001:2015 Certified Institution

Vadapudupatti, Annanji (PO), Theni - 625531.

Tamil Nadu -625531

**Association of
Network of eXperts in Unified System**

About the Workshop
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This workshop focuses on building practical skills in deploying real-time applications using **AWS, Docker, MySQL, and UI integration**. Participants will gain exposure to the complete deployment pipeline, starting from backend development with Flask to containerization using Docker, hosting on AWS EC2, and integrating databases with cloud services. The session also emphasizes creating interactive user interfaces and introduces the role of **Prompt Engineering** in AI-driven applications. Designed with hands-on modules and live demonstrations, the workshop bridges academic knowledge with industry practices. By the end, students will be equipped to handle cloud-based deployments and adapt to evolving technological trends

Contents
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The Department of IT, NSCET, with NEXUS, is hosting a hands-on workshop on "Deploying Applications on AWS with Docker, MySQL, UI & Prompt Engineering." Participants will build a Flask backend, integrate MySQL, containerize with Docker, deploy on AWS EC2, and create a simple UI. The session also covers Prompt Engineering and emerging AI trends.

Eligibility
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- Undergraduate and postgraduate students from IT, CSE, and related engineering disciplines.
- Faculty members and staff interested in cloud computing, AI, or application deployment.

Organizing Committee
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1. Mrs. S. Arul Jothi M.E., (Ph.D) , HoD/IT
2. Mr. R. Udhaya Kumar M.E (CSE), MBA (ITM), (Ph.D) , AP/IT
3. Mrs. B. Sai Suganya ,M.Tech, , AP/IT
4. Mrs. M Bhavani ,B.Tech, , AP/IT
5. Mrs. P. Jasmine Jose , M.E, AP/IT

Resource person
****

Mr. S. Mukilan
Founding Engineer @ Wiserstack, New Delhi.
  IndiaSkills'23 National Winner.
  SIH Winner 2023.
Alumnus Batch 2021-25 (CSE)

Registration
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- ❖ Per Person - Registration Fee (Registration kit and Lunch) – 300/-

Payment Details
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- **Workshop Fee (Including Kit and Lunch)**: 300/-
- **Mode of Payment**: UPI / Bank Transfer

After Payment:

- Take a screenshot of the payment.
- Upload the screenshot along with your registration form.
- Confirmation mail will be sent within 24 hours.

Note:

- Fee is non-refundable. Spot registrations allowed only if slots are available.
- Maximum 50 participants allowed.

https://nscet.org/nexus/client/workshop.php

Student Volunteer :

- **B.Naveen Bharathi ,IT – IV , 6369800627**
- **P. Thanush Kumar , IT – III , 9384114714**