NATIONAL SCIENCE FAIR
(NSF-2020)
3rd & 4th January 2020

Free Accommodation / food to the outstation participants and their parents and teachers will be arranged on prior request.

For Further Details Contact:

For participation / selection related query:
Mr. M. Shadhik
Assistant Professor, Department of EEE & Placement Officer, DACE & Co-ordinator, NSF-2020
Cell : 98841 46784

For project related query:
Mr. S.V. Haneef Mohammed
Executive Board Member, OMEIAT &
Co-Convener, NSF- 2020
Cell: 97898 60432

Organizing Committee :

Patron in Chief
Mr. U. Mohamed Khalilullah
President, OMEIAT

Patrons
Alhaj. K. Moosa
Founder & Chairman
Dhaanish Group of Institutions

Mr. M. Kadar Shah
Secretary
Dhaanish Group of Institutions

Advisor
Dr. Qazi S. Azher
Associate Professor,
Michigan University
Additional Director,
Flint Area Science Fair, U.S.A.

Convener
Dr. S. Sathikh
Former Vice Chancellor,
University of Madras &
General Secretary, OMEIAT

Organizing Secretary
Dr. K. Raja
The Principal,
Dhaanish Ahmed College of Engineering

Co-Conveners
Dr. M. M. Abdul Kamal Nazer
Convener, Academic Committee, OMEIAT & Associate Professor, The New College, Chennai
Cell: 98841 12043

Dr. P. Nazeer Ahmed
Executive-Board member, OMEIAT

Mr. S. V. Mohamed Haneef
Executive Board Member, OMEIAT

Coordinators:
Dr. A. Saravanan
Dean, Dhaanish Ahmed College of Engineering

Mr. M. Shadhik
Assistant Professor,
Department of EEE & Placement Officer,
Dhaanish Ahmed College of Engineering

Members :

Dr. Nigar Akthar
Executive Board Member, OMEIAT

Dr. A. Shanmugavel
Assoc.Prof./ Physics Dept, DACE

Mr. K. Rajini
PRO , DACE

Mr. B. Manikandan
Admission Incharge
DACE

ABOUT THE ORGANIZERS:
OMEIAT :
- Organization of Muslim Educational Institutions and Associations of Tamilnadu (OMEIAT) is a unique common platform for all the colleges, schools, polytechnics, I.T.I's, Madarasas being run by the Muslims in the state of Tamilnadu.
- It was established in the year 1973. It has more than 500 institutions as members.
- OMEIAT also represents grievances of member institutions to the Government and tries to get remedies.
- OMEIAT conducts workshops, seminars and symposiums for heads, teachers and correspondents of member institutions with a view to improve their servicing.
- OMEIAT Institute Trust has given Scholarship of Rs. 4 crore to more than 1000 Students in the past 11 years
- OMEIAT also conducts motivation & career guidance programmes, science fairs and gives awards to meritorious students and dedicated teachers.

DHAANISH AHMED COLLEGE OF ENGINEERING
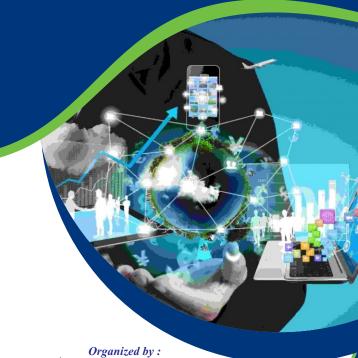
ABOUT THE COLLEGE

The Ayanavaram Educational Trust was formed in the year 1980 by our founder Chairman Alhaj. K. Moosa, with a noble aim of promoting social and technical higher education. The Dhaanish Ahmed College of Engineering (DACE) was started with three UG programs (CSE, ECE, EEE) in the year 2002. Currently, offering six UG programs and three PG programs in various disciplines. It is a Muslim minority institution approved by AICTE, New Delhi and is affiliated to the Anna University. The prime concern of the entire institution is to develop creativity that technology anticipates and impart quality education to enable students to build a great future for them. Our college carries ISO 9001:2015 BUREAU VERITAS certification. NAAC accredited DACE as B++.

Salient Features
- ❖ 42 Years of excellence in Education (Established in the year 1975)
- ❖ Located nearer to Automobile hub of India, Easy Access to Chennai Airport & Railway Station
- ❖ Affiliated to Anna University, Approved by AICTE New Delhi, Accredited by NAAC with B++ and Recognized Under Section 2(f) & 12(B) of UGC act 1956
- ❖ Producing Consistent University Rank holders
- ❖ Technology Research Incubation Centre (TRIC)
- ❖ Godrej Disha – Centre of Excellence
- ❖ e-Yantra – Robotics Lab in Association with IIT Mumbai, & MHRD, India.
- ❖ 100% placement Support for Eligible Students
- ❖ Free Wi-Fi Enabled Campus
- ❖ Qualified, Committed & Dedicated Faculty members.
- ❖ State-of-the-art equipment and facilities
- ❖ Vibrant student life and great diversity
- ❖ NRI students from 18 different locations of Middle East Countries got graduated
- ❖ MOU with University of Technology Petronas, Malaysia
- ❖ MOU with leading industries like Godrej, Mecton Training and Technical Service, Infosys, ICT Academy, BSNL, ONGC etc.
- ❖ Value Added Courses in Collaboration with Industries
- ❖ Every Year about 1.5 crores rupees worth of Scholarship is Extended by Management for deserving meritorious Students
- ❖ Well equipped computer lab with 450+ Computers. Ramanujar Award for Budding minds.

Organized by :

OMEIAT
(Organization of Muslim Educational Institutions & Associations of Tamil Nadu)

DACE
Cultivating Technology

DHAANISH AHMED COLLEGE OF ENGINEERING CHENNAI

Venue:
Dhaanish Ahmed College of Engineering, Padappai, Chennai - 601301
Anna University Counselling Code : 1424

Supported by :
Science and Technology Departments
Govt. of India &
Govt. of Tamil Nadu

A PREAMBLE ON 'SCIENCE FAIR IS NOT A SCIENCE EXHIBITION' :

In advance countries, academic and research activities are integrated right from the primary level. They do not conduct Science Exhibitions, but they conduct Science Fairs.
www.ussciencefestival.org;

Science Fair Project: Investigating a problem scientifically through a project is called Science Fair Project. The project consists of adopting the following steps involved in Scientific Method.

STEPS FOR SCIENTIFIC METHOD :

➢ Select a problem in and around
➢ Carry out some research
➢ Write down hypothesis (An educated guess)
➢ Carry out experiments
➢ Write down observed data
➢ Analysis the data
➢ Record the results
➢ Infer the conclusions
➢ Display the project in the science fair

A section of display in NSF – 2018 at AMS College of Engineering, Avadi, Chennai

Reference for new project ideas and guidelines for carrying out projects:

Refer our
websites : www.oittn.com and www.dhaanish.in
For further reference regarding new project ideas, project report and presentation, please visit the websites:
www.sciencebuddies.org; www.super-science-fair-projects.com; www.sciencefair-projects.org; www.all-sciencefair-projects.com; www.googlesciencefair.com; www.irisnationalsciencefair.org; www.scifest.in.ie;

SCIENCE FAIRS CONDUCTED BY OMEIAT:

OMEIAT conducts science fairs since 2008. **Dr. Qazi S. Azher, Associate Professor, Michigan State University U.S.A.** is pioneer to this novel idea of conducting 'Science Fairs' in India. OMEIAT has organized State / Regional / National level Science Fairs. **In this academic year, the 12th Annual Science Fair is organized as a '2-Day National Science Fair' for school students from all over India.**

NATIONAL SCIENCE FAIR (NSF-2020)

Date : **3rd & 4th January 2020**
Venue : Dhaanish Ahmed College of Engineering Padappai, Chennai - 601301
Time : 9.30 a.m. - 5.00 p.m.

Dr. Qazi S. Azher, Associate Professor, Michigam University, USA and Advisor, OMEIAT Science Fairs interacts with a participant in RSF-2019 at Green Park Public School, Dindigul

Who can participate ?

➢ Students of Std. IV to XII from Any School (All Boards) in India
➢ Number of projects from a school: No limit
➢ Individual Project alone is acceptable. Project by a team is not allowed
➢ The student who is applying for participation must ensure that the project is his / her own and new findings.
➢ **Project should be Innovative and Original work following Scientific Methodology.**
➢ After preliminary selection by the scrutinizing committee, only the selected students will be allowed to participate.

LEVELS OF COMPETITION / CATEGORIES :

The science fair will be conducted in 3 categories at 4 levels as given below:

LEVEL	STD	CATEGORIES		
		Life Science (LS)	Physical Sciences (PS)	Environmental Sciences (ES)
Primary	4th & 5th	Zoology, Botany, Biochemistry, Biotechnology projects etc.	Physics and Chemistry projects	Inter-disciplinary projects related to environment
Middle	6th, 7th & 8th			
Junior	9th & 10th			
Senior	11th & 12th			

PRIZES :

The first three toppers in each category at each level will be given prizes.

AWARDS :

The students who stand overall first in each level, irrespective of the category will be given the following MERITORIOUS AWARDS:

'BUDDING SCIENTIST'	-	Primary Level
'EMERGING SCIENTIST'	-	Middle Level
'JUNIOR SCIENTIST'	-	Junior Level
'YOUNG SCIENTIST'	-	Senior Level

PRELIMINARY SELECTION :

Preliminary selection is based on the ABSTRACT submitted by the students.

PROCEDURE FOR THE SUBMISSION OF ABSTRACT OF THE PROJECT:

➢ Download the **'Application Form'** and **'Format for submission of the Abstract'** from the website **www.oittn.com and www.dhaanish.in**
➢ Send the abstract of the projects along with the scanned copy of application duly signed by the principal to **Dr. K. Raja ,**The Principal, Dhaanish Ahmed College of Engineering**, Organizing Secretary, NSF-2020** through mail: **nsf2020@dhaanishcollege.in**

Prize Winners of RSF-2019 with the Chief Guest and Organizing Committee

LAST DATE FOR SUBMISSION OF SOFT COPY OF THE ABSTRACT WITH APPLICATION FORM 5th December 2019:

➢ A student can submit only one project in any category.
➢ A student is eligible to apply for participation under any one of the categories only.
➢ Abstracts should be typed in 5 pages (one side only) in the prescribed Format.

SELECTION OF PROJECTS FOR PARTICIPATION:

A panel of experts will scrutinize the abstracts of the projects and will select a limited number of projects in each category at each level. The selected projects will be permitted for display in the National Science Fair (NSF-2020).
The detailed instructions to the preliminarily selected students on i) presentation of final reports ii) Display in NSF-2020 will be given in our websites.

EVALUATION OF PROJECTS:

A team of experts consisting of Professors, Scientists and Industrialists will FINALLY JUDGE the projects displayed in the NSF - 2020 and select the best among all, for the Awards and Prizes.

COMMUNICATION DETAILS:

The abstracts should be emailed to Organizing Secretary on or before 5th December 2019.

INTIMATION OF SELECTION FOR PARTICIPATION :

The short listed projects will be posted in OMEIAT website **www.omeiat.com** and **www.dhaanish.in** and intimated individually. Hospitality arrangement: Lunch and tea will be provided during the NSF-2020.