



**NEHRU COLLEGE OF ENGINEERING AND RESEARCH CENTRE**  
**(NAAC 'A' Accredited & ISO 9001:2015 Certified Institution)**  
(Approved by AICTE, Affiliated to APJ Abdul Kalam Technological University, Kerala)



**6.2.1 Perspective/Strategic plan and Deployment documents are available in the institution**

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**PRINCIPAL**  
**Nehru College of Engineering and**  
**Research Centre (Autonomous)**  
**Nila Gardens, Pampady**  
**Thiruvilwamala, Thrissur - 680588**



# Nehru College of Engineering and Research Centre

Autonomous Institution Affiliated to APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY

Approved by AICTE and UGC, Re-Accredited by NAAC with "A" Grade

NBA Accredited UG-Programme(Computer Science and Engineering & Mechatronics Engineering)

ISO 9001 : 2015 Certified Institution



## STRATEGIC PLAN

Nehru College of Engineering and Research Centre (NCERC) aspires to achieve its Vision and Mission by formulating a distinguished strategic plan and its implementation.

The institution aims to acquire University Status by adopting the following strategies

- All Programs are to be accredited by the National Board of Accreditation (NBA).
- Attain highest score in National Assessment and Accreditation Council (NAAC).
- Reaffirming Industry Institute Interaction by entering into MoU with reputed firms.
- Strengthening Research Contributions from students and faculty by mobilizing funded projects.
- Focussing on nurtured start-up initiatives by the students to develop as successful entrepreneurs.
- Promoting research publications, product patenting and acquiring IPR through consistent efforts.
- Securing good rank at the national level as assessed by National Institutional Ranking Framework (NIRF).
- Accomplish University Status.



*Southern*  
Principal

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**Nehru College of Engineering and  
Research Centre (Autonomous)**

Nila Gardens, Pampady

Thiruvilwamala, Thrissur - 680 588



(Sponsors : Nehru College of Educational and Charitable Trust)

College Campus : Nila Gardens, Pampady, Near Lakkidi Rly. Station, Thiruvilwamala, Thrissur (Dist), Kerala - 680 588

Tel / Fax : +91 4884 - 284000, 282070 . E-mail : office@ncerc.ac.in, web : www.ncerc.ac.in





सत्यमेव जयते

विश्वविद्यालय अनुदान आयोग  
University Grants Commission  
(शिक्षा मंत्रालय, भारत सरकार)  
(Ministry of Education, Govt. of India)  
बहादुर शाह जफर मार्ग, नई दिल्ली - 110 002  
Bahadur Shah Zafar Marg, New Delhi - 110 002



ज्ञान-विज्ञान विमुक्तये

F. No. 8-72/2021(CPP-I/C)

December, 2022

The Registrar,  
APJ Abdul Kalam Technological University  
CET Campus, Ambady Nagar  
Thiruvananthapuram - 695 016  
Kerala

12 DEC 2022

**Sub:** -Recognition of College under Section 2 (f) of the UGC Act, 1956.

Sir,

In supersession of this office letter of even no. dated 21.11.2022. I am directed to refer to the letter No. NCT/NCERC/01/2022 dated 27.10.2022 received from the Principal, Nehru College of Engineering and Research Centre, Nila Gardens, Pampady, Near Lakkidi Rly. Station, Thiruvilwamala, Thrissur Dist. 680 588, Kerala on the above subject and to say that it is noted that the College is **un-aided/self-financed** and **temporarily** affiliated to **APJ Abdul Kalam Technological University, Thiruvananthapuram**. I am further to say that the name of the following College has been included in the list of Colleges prepared under Section 2(f) of the UGC Act, 1956 under the head 'Non-Government Colleges teaching upto **Master's Degree**':-

Name of the College	Year of Establishment	Remarks
Nehru College of Engineering and Research Centre Nila Gardens, Pampady, Near Lakkidi Rly. Station, Thiruvilwamala, Thrissur Dist. 680 588 Kerala  AISHE CODE:- C 8241	2002	The college does not fulfill the requirement of permanent affiliation. Therefore, the college is <b>not</b> eligible to receive Central assistance under Section 12B of the UGC Act, 1956.

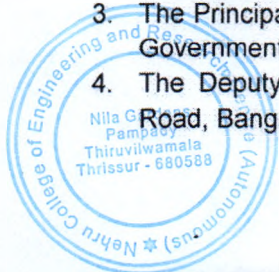
The documents submitted in respect of the above College have been accepted by the University Grants Commission. The earlier letter dated 21.11.2022 may please be treated as cancelled. The date of inclusion of college will remain same i.e. 21.11.2022.

Yours faithfully,

(Ajay Kumar Joshi)  
Under Secretary

Copy to:-

1. The Principal, Nehru College of Engineering and Research Centre, Nila Gardens, Pampady, Near Lakkidi Rly. Station, Thiruvilwamala, Thrissur Dist. 680 588, Kerala.
2. The Secretary, Government of India, Ministry of Education, Department of Higher Education, Shastri Bhawan, New Delhi - 110 001.
3. The Principal Secretary, Department of Higher Education, Government of Kerala, Hr. Govt. Sectt. Annexe, Government Secretariat, Thiruvananthapuram - 695 001, (Kerala).
4. The Deputy Secretary, UGC, South-Western Regional Office (SWRO), Prasana Kumar Block, Palace Road, Bangalore - 560 009, (Karnataka)



29/220

**PRINCIPAL**  
Nehru College of Engineering and  
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Nila Gardens, Pampady  
Thiruvilwamala, Thrissur - 680588

(Madan Lal)  
Section Office



विश्वविद्यालय अनुदान आयोग  
University Grants Commission  
( शिक्षा मंत्रालय, भारत सरकार )  
(Ministry of Education, Govt. of India)  
बहादुर शाह जफर मार्ग, नई दिल्ली-110 002  
Bahadur Shah Zaffar Marg,  
New Delhi - 110002

No.F. 2-10/2023(AC-Policy)

September, 2023

The Registrar,  
APJ Abdul Kalam Technological University,  
Kerala-695 016

26 SEP 2023

Sub:- Conferment of Autonomous Status to Nehru College of Engineering and Research Centre, Nila Gardens, Pampady, Near Lakkidi Rly Station, Thiruvilwala, Thirussur Dist., 680 588 Kerala affiliated to APJ Abdul Kalam Technological University, Kerala

Sir/Madam,

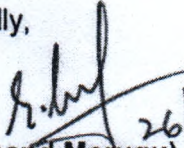
This has reference to the proposal submitted by Nehru College of Engineering and Research Centre, Nila Gardens, Pampady, Near Lakkidi Rly Station, Thiruvilwala, Thirussur Dist., 680 588 Kerala affiliated to APJ Abdul Kalam Technological University, Kerala for conferment of autonomous status.

The Commission at its meeting held on 20.09.2023 has approved the recommendation of the Standing Committee on Autonomous Colleges to confer the autonomous status to **Nehru College of Engineering and Research Centre, Nila Gardens, Pampady, Near Lakkidi Rly Station, Thiruvilwala, Thirussur Dist., 680 588 Kerala affiliated to APJ Abdul Kalam Technological University, Kerala** for a period of 10 years from the academic year 2023-2024 to 2032-2033 as per clause 7.5 of the UGC (Conferment of Autonomous Status Upon Colleges and Measures for Maintenance of Standards in Autonomous Colleges) Regulations, 2023.


The University, is therefore, requested to issue necessary notification within 30 days regarding the grant of autonomous status to the College as per UGC (Conferment of Autonomous Status Upon Colleges and Measures for Maintenance of Standards in Autonomous Colleges) Regulations, 2023.

The autonomous college is required to abide by all the provisions of the UGC Regulations for Autonomous Colleges. The Regulations are available on the UGC website, [www.ugc.gov.in](http://www.ugc.gov.in). Non compliance of the requirements and conditions prescribed in the said Regulations shall attract action as per Clause -13 of the UGC (Conferment of Autonomous Status Upon Colleges and Measures for Maintenance of Standards in Autonomous Colleges) Regulations, 2023. The college should apply to University Grants Commission for extension of autonomous status atleast three months before the completion of autonomy period.

Yours faithfully,

  
(Dr. Gopi Chand Merugu)  
Deputy Secretary

26/09/2023

  
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Nila Gardens, Pampady  
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Cont..

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Copy to:-

1. **The Principal Secretary,  
Dept. of Higher Education,  
Govt. of Kerala, Government Secretariat,  
Thiruvananthapuram – 695 001, Kerala**
  
2. **The Principal,  
Nehru College of Engineering and Research Centre,  
Nila Gardens, Pampady, Near Lakkidi Rly Station,  
Thiruvilwala, Thirussur Dist., 680 588 Kerala**
  - (i) The College is advised to go for the required NAAC/NBA accreditation at least six months before the expiry of current validity and obtain the grading NAAC/NBA as per the UGC (Conferment of Autonomous Status Upon Colleges and Measures for Maintenance of Standards in Autonomous Colleges) Regulations, 2023 and intimate the Same to UGC to revisit the above decision, if required.
  
  - (ii) The College/Institute is advised to submit a report regarding Examination Cell and constitution of Statutory Bodies as required under Clauses 11 and 12 of the UGC (Conferment of Autonomous Status Upon Colleges and Measures for Maintenance of Standards in Autonomous Colleges) Regulations, 2023 to ensure proper management of academic, financial and general administrative affairs. Non compliance of the above shall attract action as per Clause -13 of the UGC Regulations – 2023.
  
  - (iii) The College/Institute is advised to take necessary steps for implementation of NEP 2020 and intimate the UGC.

*Ajay Kumar Joshi*  
26/11/2023  
(Ajay Kumar Joshi)  
Under Secretary



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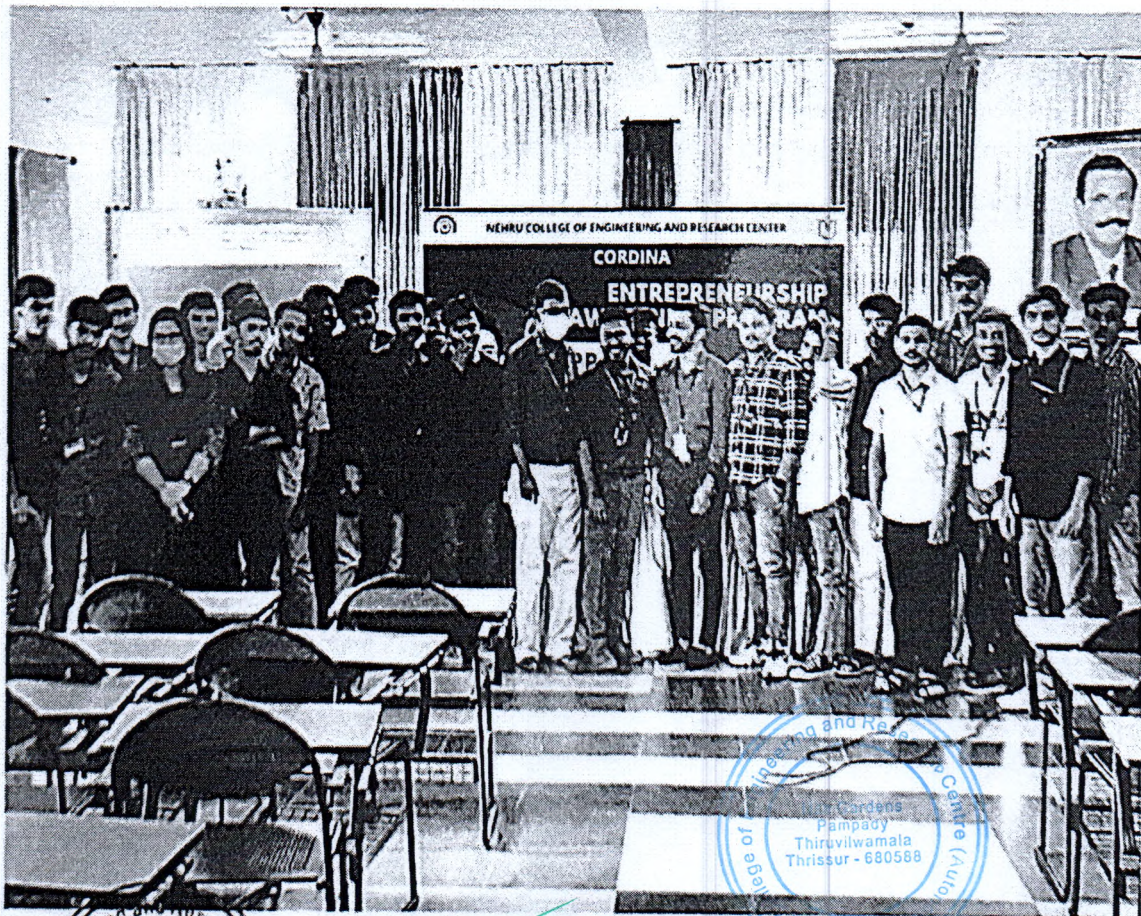
## ENTREPRENEURSHIP AWARENESS PROGRAM

Entrepreneurship awareness programme for 2<sup>nd</sup> year engineering students was organised on 29<sup>th</sup> June 2022 at seminar hall from 10:00 AM to 12:00 PM.

The program started with a one minute silent prayer. Mr Saneesh, nodal officer of IEDC welcomed the gathering. Guest of the day was Prajul Vishnu KL, IEDC, Fellow- KSUM. The principal, Dr. Ambikadevi amma delivered the inaugural address and officially announced 'CORDINA' as name of our IEDC cell.

Prajul Sir gave a clear idea about IEDC, Kerala Startup Mission; about its vision, mission, importance and benefits. The program wound up by vote of thanks delivered by Anand, CEO of CORDINA.

### GLIMPSE OF THE EVENT



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*Zainab*  
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*S. Sivasubramanian*  
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## WORKSHOP ON DRONE TECHNOLOGY

The two-day National Hands on Workshop on 'DRONE TECHNOLOGY' was jointly organised by IEDC- Cordina and NCERC Robotics club on 13th and 14<sup>th</sup> October 2022 at seminar hall, Bhaskara, NCERC. Workshop sessions were conducted by AUAS.

### INAUGURAL SESSION

The program started at 9:30 AM with a prayer. Prof.Dr.Bobby ND, HOD of Mechatronics department welcomed the gathering. Prof.Dr.Ambikadevi Amma, principal of NCERC delivered the inaugural speech and declared the workshop officially open at the end of her statement. Prof. Dr. Siva Kumar K, Vice Principal and HOD CSE department delivered the speech followed by prof. Dr. Sobha Manakkal, HOD EEE department, Prof. Dr. S Sankar ,HOD Mechanical department, ms. Sajitha A S HOD Incharge ECE department. They all mentioned about drones and other developing technologies and motivated everyone to actively participate in the workshop to get benefited. The instructor from AUAS, Mr.Shivaprasad, Mr Ajit displayed different types of drones during this session.

### WORKSHOP CONTENT

#### 1. Introduction to concepts of drones .

##### 1.1 categories, technical terms

#### 2.Components of Multirotor

#### 3.Indian Drone Rules

#### 4.Drone Simulator Training

##### 4.1 Learn drone flying concepts virtually

##### 4.2 Play drone flight games.

#### 5.Assembly of Drones

##### 5.1 Demonstrated assembly of drones and asked the participant to do the same.


#### 6.Programming aspects of drones.

#### 7.Drone flying training on training ground.

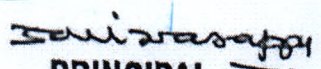
### WORKSHOP BENEFITS

-Participants are introduced to the exciting world of drones.



  
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- Participants gained knowledge on drones and got experienced on drone flying.
- Participants were provided with certificate on drone technology workshop upon successful completion.



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*Soujrasappu*  
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### Report on "KICKSTART- STARTUP BOOT CAMP" Workshop November 2022

The 2 day KICKSTART STARTUP BOOT CAMP was organised by swavalamban chair for MSME solutions under TBI GECT in association with IEDC –Cordina, NCERC on 23rd and 24th of November 2022 at seminar hall, Aryabhata NCERC. The selection of students was on 'first come first serve' basis and total 85 students registered and participated in the workshop. The workshop session was conducted by Vishnu Nagaraj, Founder, CEO Carve Startup labs and Alisha Davis, Co-founder, COO Carve Startup labs.

#### INAUGURAL SESSION

The programme started at 9:30 AM with a prayer by Malavika S Madhavan. Mr Saneesh A, Nodal Officer of IEDC -Cordina welcomed the gathering. Prof. Dr Ambikadevi Amma, principal of NCERC delivered the presidential address.

Muhammed Arif, Founder and CEO Dezvault Project Assistant at Technology, Business incubator – Government Engineering College, Thrissur delivered the inaugural address. The chief guest and the resource person, Vishnu Nagaraj and Alisha Davis were presented by a memento by the Principal.

#### CONTENTS:

- Expert talk on entrepreneurship
- Idea creation
- Product Development
- Business Model Canvas
- Market research
- Understanding who is your customer
- Know your customer
- Idea presentation

The workshop was filled with activities, that kept the participants entertained and active. Motivational Stories were shared during the sessions which ignited the minds of these participants. And quick breaks were given in between the sessions for refreshments.

#### WORKSHOP OUTCOMES

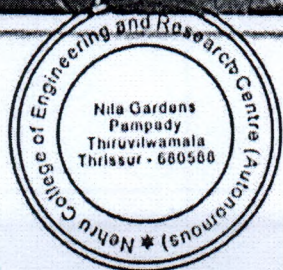
- Participants got a chance to know about how to come up with new ideas with various strategies.
- The opportunity to practice creative thinking, Drawing ideas, problem-solving, and idea generation through exercise.
- How to create business model canvas for an idea and then turn that model into a business.
- To be well aware about the customers and many more...



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*Sai Vasanth*  
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**GLIMPSES OF THE EVENTS**

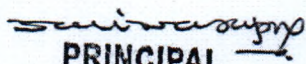


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*Srinivasan*  
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