

॥ सूचना ॥

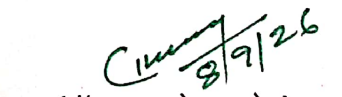
इस महाविद्यालय में अध्ययनरत समस्त नियमित छात्र-छात्राओं को सूचित किया जाता है कि ड्रोन फेडरेशन इंडिया (DFI) के द्वारा सूचना प्रौद्योगिकी, मंत्रालय भारत सरकार के साथ मिलकर ड्रोन प्रतियोगिता के दूसरे संस्करण NIDAR-2026-27 का आयोजन किया जा रहा है।

प्रतियोगिता में भाग लेने के इच्छुक छात्र-छात्राएँ महाविद्यालय के सूचना पटल एवं वेबसाइट में उपलब्ध विस्तृत विवरण का अवलोकन कर प्रतियोगिता में भाग ले सकते हैं।

प्रति ,

1. सूचना पटल पर चस्पा हेतु।
2. महाविद्यालय के वेबसाइट में अपलोड हेतु।


(डॉ. हित नारायण टण्डन)
सहा.प्राध्या.- प्राणीशास्त्र


(डॉ. आर. के. पाण्डेय)
PRINCIPAL
S.G.D. Govt. P.G. College
Kurud, Distt. Dhamtari (C.G.)

कार्यालय आयुक्त उच्च शिक्षा
ब्लॉक सी-3, द्वितीय एवं तृतीय तल, इंद्रावती भवन,
नवा रायपुर, अटल नगर (छ.ग.)

(Email - highereducation.cg@gmail.com Website - www.highereducation.cg.gov.in)

क्रमांक GENS-11/10705/2026-SAMNVAY

नवा रायपुर, अटल नगर दिनांक. 03-09-2026

प्रति,

1. कुलसचिव

समस्त राजकीय एवं निजी विश्वविद्यालय
छत्तीसगढ़

2. प्राचार्य

समस्त शासकीय एवं अशासकीय महाविद्यालय,
छत्तीसगढ़

विषय :- विद्यार्थी ड्रोन कॉम्पीटीशन NIDAR 2026-27 में भाग लेने के संबंध में।

संदर्भ :- छत्तीसगढ़ शासन, उच्च शिक्षा विभाग का पत्र क्रमांक लॉ/4369/2026/38-2
दिनांक 31.08.2026

विषयांतर्गत ड्रोन फेडरेशन इंडिया (DFI), इलेक्ट्रानिक्स एवं सूचना प्रौद्योगिकी, मंत्रालय भारत सरकार के साथ मिलकर ड्रोन प्रतियोगिता के दूसरे संस्करण NIDAR 2026-27 का आयोजन किया जा रहा है।

प्रतियोगिता के विजेता को रु. 65 लाख की नगद राशि एवं ड्रोन के कंपोनेंट, इन्टर्नशिप अथवा इन्क्यूबेशन सहयोग तथा साफ्टवेयर एवं क्लाउड क्रेडिट प्राप्त होगा।

ड्रोन प्रतियोगिता के आयोजन के संबंध में सूचना पटल तथा सोशल मीडिया के माध्यम से विद्यार्थियों को सूचित करें तथा प्रतियोगिता में भाग लेने के लिए प्रोत्साहित करें।

प्रॉब्लम स्टेटमेंट तथा अन्य संबंधित जानकारी के लिए ड्रोन फेडरेशन इंडिया का पत्र तथा अवधारणा टीप (Comment Note) पत्र के साथ संलग्न प्रेषित है।

संलग्न :- उपरोक्तानुसार।

Digitally signed by
RITA YADAV
Date: 03-09-2026
17:54:37

आयुक्त
उच्च शिक्षा संचालनालय
छत्तीसगढ़

// / 02 / //

पृ.क्रमांक GENS-11/10705/2026-SAMNVAY

नवा रायपुर, दिनांक

प्रतिलिपि :-

1. सचिव, छत्तीसगढ़ शासन, उच्च शिक्षा विभाग नवा रायपुर अटल नगर (छ.ग.)
2. निज सहायक, आयुक्त उच्च शिक्षा संचालनालय नवा रायपुर अटल नगर (छ.ग.)

Digitally signed by
JASMINDER SINGH VIRDI
Date: 03-09-2026
17:58:56

सहायक संचालक
उच्च शिक्षा संचालनालय
छत्तीसगढ़

छत्तीसगढ़ शासन
उच्च शिक्षा विभाग
मंत्रालय
महानदी भवन, नवा रायपुर अटल नगर

क्रमांक LAW/4369/2026/38-2
प्रति,

नवा रायपुर अटल नगर, दिनांक /08/2026

आयुक्त,
उच्च शिक्षा संचालनालय
इंद्रावती भवन, नवा रायपुर अटल नगर

विषय:- Request for Encouraging Students to Participate in NIDAR 2026-27 2nd Edition of India's Largest Student Drone Competition hosted by Drone Federation India & Ministry of Electronics & IT, Govt of India

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विषयांतर्गत प्रेसिडेंट, ड्रोन फेडरेशन इंडिया से प्राप्त पत्र क्र. निरंक दिनांक 27-07-2026 की छायाप्रति संलग्न प्रेषित है।

2/ निर्देशानुसार उपरोक्त पत्र के तारतम्य में नियमानुसार आवश्यक कार्यवाही करने का कष्ट करें।
संलग्न:- उपरोक्तानुसार

Digitally signed by
"LEENA RAKESH"
Date: 31-08-2026
10:12:17
(लीना राकेश)
अवर सचिव
छत्तीसगढ़ शासन
उच्च शिक्षा विभाग



27

27th July 2026

To,

Dr. S. Bharathidasan , IASSecretary, Department of Higher Education
Govt of Chhattisgarh**Address:** First floor, Mahanadi Bhawan, Nava Raipur Atal
Nagar, Chhattisgarh, 492002 | **Phone:** 251034919 AUG 2026
DS(HE)

Subject: Request for Encouraging Students to Participate in NIDAR 2026-27
2nd Edition of India's Largest Student Drone Competition hosted by
Drone Federation India & Ministry of Electronics & IT, Govt of India

Respected Sir/Madam,

Drone Federation India (DFI) is a non-government, non-profit, industry-led body working to build and promote India's drone and counter-drone ecosystem. **DFI represents over 550 drone startups and over 5,500 drone pilots**, and works with industry, academia, government, and civil society to support policy, skilling, adoption, and innovation.

DFI, in partnership with the Ministry of Electronics and IT (MeitY), has launched the **2nd edition of the National Innovation Challenge for Drone Application & Research**. The Problem Statements and Official Rulebook of the competition were launched on 13th July 2026 by **S. Krishnan, Secretary, MeitY**, in the presence of senior officials from Government, Industry & Academia.

The **1st edition saw participation of 3,448 students from 109 cities across 22 States & 4 Union Territories**. Student teams built drone solutions for solving real-world problem statements in Disaster Management and Precision Agriculture and competed for **cash prizes worth ₹40 lakh**.

This year's edition features 3 new problem statements for development of: **(a) autonomous swarm drones for disaster management, (b) GPS-denied indoor navigation drones, and (c) indigenous flight controller powered by India's VEGA processor**.

Participants will also benefit through various industry mentorship sessions and technical workshops being planned. **Winners shall receive cash prizes worth ₹65+ lakh along with drone components, internship opportunities, incubation support, and software and cloud credits**.



We request your office to circulate this communication to all relevant technical colleges and institutions from your state and encourage them to participate in this competition.

NIDAR offers a unique opportunity for students to enhance their technical capabilities, gain industry exposure, and contribute to India's vision of **Viksit Bharat** by advancing indigenous drone innovation.

Thank you for your attention and support in this regard.

Attachments:

1. Concept Note for Circulation
2. Competition Posters

Warm Regards,

Smit Shah

Smit Shah

President
Drone Federation India (DFI)

Competition Details:

www.nidar.org.in





Concept Note for NIDAR 2026-27

**National Innovation Challenge for Drone Application & Research
Under the SwaYaan initiative of MeitY, the Government of India**

Background:

The National Innovation Challenge for Drone Application & Research 2025–26 (NIDAR-2025–26) is organised by Drone Federation India (DFI) in collaboration with the Ministry of Electronics and Information Technology (MeitY) under Project SwaYaan, as a national platform for student-led innovation in drone technologies.

The first edition of NIDAR was launched by the Secretary, MeitY, in the presence of the Chairman, AICTE, and leading industry stakeholders, and attracted participation from 3,448 students across 22 States and 4 Union Territories, spanning 109 cities.

The problem statements of the 1st Edition of the competition focused on Disaster Management and Precision Agriculture and successfully demonstrated the importance of hands-on innovation, indigenous capability development, and real-world problem-solving through drones.

93 teams qualified for the Grand Finale in the 1st Edition, culminating in the recognition of 24 winners, who received prizes worth ₹40 lakh and several other goodies.

NIDAR 2026-27:

Building on the success and national response, this year's competition is envisioned as a larger national innovation platform to advance autonomous drone systems, indigenous avionics, autonomous navigation, and critical drone components.

The next phase of drone innovation will be shaped not only by airframes but also by autonomy stacks, embedded avionics, flight controllers, secure communication, mission software, and indigenous electronic subsystems.

With the rapid growth of India's drone ecosystem and the increasing strategic importance of autonomous systems, there is a strong need to encourage student-led innovation in areas such as GPS-denied navigation, collaborative drone operations, indigenous flight-control systems, and core electronic design.

Objectives of NIDAR 2026-27

- To create a national innovation platform for student-led research and development in autonomous drone systems and indigenous avionics.**

- To promote innovation in collaborative drone systems, GPS-denied navigation, indoor autonomy, and mission planning technologies.
- To encourage indigenous design and development of drone flight controllers, processors, and critical electronic subsystems.
- To strengthen collaboration between academia, government, defence, and industry.
- To provide students with hands-on exposure to real-world operational and strategic challenges in drone operations.
- To support India's vision of technological self-reliance and indigenous capability development in emerging technology sectors.

Mission 1 - NIDAR RescueSwarm

Under this challenge, teams will be required to develop **two or more fully autonomous collaborative drones capable of identifying survivors, geotagging locations, and delivering medical or survival kits within a disaster-affected area without relying on external communication networks**. The challenge focuses on multi-drone coordination, autonomous mission execution, collaborative scouting, and aid delivery in time-critical emergency scenarios.

Mission 2 - NIDAR AirMouse

This challenge focuses on **autonomous indoor drone navigation in GPS-denied environments**. Teams will **develop autonomous aerial systems capable of navigating confined indoor spaces, generating 2D or 3D maps, detecting survivors, and tagging survivor locations inside damaged or collapsed structures**. The challenge promotes innovation in indoor autonomy, mapping, obstacle avoidance, and localisation technologies for disaster response and industrial inspection applications.

Mission 3: NIDAR VEGAPilot

Under this challenge, teams will be required to **design and develop an indigenous drone flight controller and autopilot system built around the VEGA Processor platform**. The challenge aims to encourage innovation in integrating indigenous processors, autopilot architectures, embedded systems, mission planning, and reliable drone control systems, all using **non-Chinese electronic components**. Teams will demonstrate stable flight, mission execution, telemetry integration, and autonomous operations on standard multirotor platforms.

As part of the selection process, teams will submit detailed technical proposals and participate in online technical evaluations before a jury panel. Based on this evaluation, only the **top 100 teams across the country will be shortlisted and provided with two VEGA Processors** each for development, testing, and final integration.

This mission is expected to significantly strengthen India's indigenous drone electronics ecosystem and advance domestic capabilities in flight control systems, embedded avionics, and semiconductor-linked drone technologies.



इलेक्ट्रॉनिक्स एवं
सूचना प्रौद्योगिकी मंत्रालय
MINISTRY OF
ELECTRONICS AND
INFORMATION TECHNOLOGY



NIDAR

NATIONAL INNOVATION CHALLENGE FOR
DRONE APPLICATION AND RESEARCH

REGISTER NOW FOR INDIA'S LARGEST STUDENT DRONE COMPETITION

Mission 1

RescueSwarm



Build autonomous drones. Find survivors. Deliver critical aid.

Mission 2

AirMouse



Build an indoor navigation drone. Map the unknown. Find survivors.

Mission 3

VEGAPilot



Build indigenous drone autopilot powered by India's VEGA Processor.

Win prizes worth

INR 65+ LAKHS

Get mentorship, industry access, incubation opportunities, and national recognition.

REGISTER NOW



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NIDAR

NATIONAL INNOVATION CHALLENGE FOR
DRONE APPLICATION AND RESEARCH

REGISTER NOW FOR INDIA'S LARGEST STUDENT DRONE COMPETITION

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Build autonomous drones. Find survivors. Deliver critical aid.

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AirMouse



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