



**CODISSIA DEFENCE INNOVATION
AND ATAL INCUBATION CENTRE**

CDIIC—Newsletter

CODISSIA Defence Innovation and Atal Incubation Centre

“Supported by Atal Innovation Mission, NITI Aayog”

Volume I, Issue III

Special points of interest:

- **Indigenization Opportunity @ CDIIC**
- **DGQA Cell at CODISSIA**
- **CDIIC Startup Invitation**

Introduction

CDIIC – “CODISSIA Defence Innovation and Atal Incubation Centre”, a not-for-profit section 8 company, established by its founding association – CODISSIA, in the year 2019, with the aim of bridging the gap between the Defence requirements & the skilled Vendors and to provide the required hand-holding, support & guidance needed by individuals/start-ups to commercialise their products.

CDIIC intends to integrate start-ups by:

Identification – CDIIC will identify talents, start-ups, ideas, businesses, products and services by conducting Competitions/Hackathons and also through the requirements of customers.

Innovation – Start-ups/businesses having proof of concept, prototype, IPR, etc., with potential business would be provided the required Mentoring and Technical support by CDIIC to help them commercialise their product and graduate from the incubation centre.

Indigenisation – CDIIC will identify the products/services available for indigenisation by Defence for Import Substitution and intimate the same to the MSME/SME vendors. This will be done by routing information received directly from Defence forces/circulating the details posted on the official sites of Defence.

Incubation – CDIIC will provide Co-working space, test/lab facility, Seed funding, networking, etc., to the incubatees. CDIIC will create an AIC-specific start-up/entrepreneurship facility for its incubatees.

CDIIC is glad to announce that it has received the first tranche of funds from CODISSIA and Atal Innovation Mission (AIM) and has started the operations of its incubation centre at the city office.

We invite innovative technology based start-ups to join CDIIC and get accelerate towards success.

Raksha Mantri Shri Rajnath Singh approves Rs 400 Crore Defence Testing Infrastructure Scheme



Raksha Mantri Shri Rajnath Singh has approved the launch of Defence Testing Infrastructure Scheme (DTIS) with an outlay of Rs 400 crore for creating state of the art testing infrastructure for the sector. The Scheme would run for the duration of five years and envisages to setup six to eight new test facilities in partnership with private industry. The projects under the Scheme will be provided with up to 75% government funding in the form of ‘Grant-in-Aid’. The remaining 25 per cent of the project cost will have to be borne by the Special Purpose Vehicle (SPV) whose constituents will be Indian private entities and State Governments.

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The SPVs under the Scheme will be registered under Companies Act 2013 and shall also operate and maintain all assets under the Scheme, in a self-sustainable manner by collecting user charges. The equipment/systems tested will be certified as per appropriate accreditation. • While majority of test facilities are expected to come up in the two Defence Industrial Corridors (DICs), the Scheme is not limited to setting up Test Facilities in the DICs only. • The DTIS Guidelines have been uploaded on the MoD/DDP and DGQA websites.

The guidelines can be accessed here:

<https://ddpmod.gov.in/sites/default/files/pdfupload/DTIS%20Guidelines.pdf>

Source: <https://pib.gov.in/PressReleaseDetailm.aspx?PRID=1624118>



The Indian Ordnance Factories

The Indian Ordnance Factories organisation - a family of 41 Ordnance Factories under the aegis of its corporate headquarters **Ordnance Factory Board, Kolkata** - possesses the unique distinction of over 200 years experience in defence production. OFB engaged in production, testing, logistics, research, development and marketing of a comprehensive product range in the area of land, sea and air systems.

Indian Ordnance Factories is the oldest and largest industrial setup which functions under the Department of Defence Production of the Ministry of Defence. The Ordnance factories form an integrated base for indigenous production of defence hardware and equipment, with the primary objective of self reliance in equipping the armed forces with state of the art battlefield equipments. Undoubtedly, OFBs are the **force behind armed forces**.

OFB Headquarters

1. Armoured Vehicles Hqrs. (AVHQ)
2. Ordnance Equipment Factories Hqrs. Kanpur (OEFHQ)
3. Ordnance Factory Board (OFBHQ)
4. Ordnance Factory Board, Mumbai Office (OFBMO)
5. Ordnance Factories Board, New Delhi Office (OFBND)
6. Ordnance Factories Recruitment Center (OFRC)

Link: <https://ofb.gov.in/>



गुणता आश्वासन महानिदेशालय

DIRECTORATE GENERAL OF QUALITY ASSURANCE

गुणता से विश्वास

The Directorate General of Quality Assurance (DGQA) is under Department of Defence Production, Ministry of Defence. This organisation is more than hundred years old and provides Quality Assurance (QA) cover for the entire range of Arms, Ammunitions, Equipments and Stores supplied to Armed Forces. Apart from QA activities, the organisation is responsible for import substitution and associates with Defence Research and Development Organisation (DRDO) in the development projects. The establishments under this organisation are spread all over the country where mainly the Ordnance Factories, Defence Public Sector undertakings and Industrial base exist.

TECHNICAL INFORMATION

Apart from Quality Assurance activities, the organisation is responsible for import substitution and associates with Defence Research and Development Organisation (DRDO) in the development projects. It also ensures documentation, Codification and Standardisation action for minimizing the variety of components / equipments. The other services rendered are promotion of small-scale industries, post procurement services, Defect Investigations and Technical Consultancy to the users, Ministry and the Production Agencies.

DGQA is also foraying into several exciting new Areas viz. facilitate grant of Intellectual Property Rights (IPRs) to innovation by anyone in field of Defence, establish world class test labs for Defence Testing especially in Defence Corridors, grant Third Party Inspection (TPI) accreditation to enable existing/new Defence manufacturers to outsource their inspection, grant Self Certification to established Defence Manufacturers, grant Green Channel Status (GCS) to firms with turnover beyond Rs 50 cr, and provide Certification to Potential Defence Exporters classifying their stores Fit for Indian Military use.

Quick Link: <http://www.dgqadefence.gov.in/home>

Interaction Session with MGO, Indian Army

During the recent MGO – CII Interaction meeting held on 22 Feb 2020 at Codissia, Coimbatore MGO addressed all the MSMEs stating that Defence Procurement processes holds opportunities for MSMEs and addressed the gathering with initiatives taken by Govt of India for Capital & Revenue procurement for giving more opportunities to MSMEs.



Image: Interactive Session with Master General of Ordnance (MGO), Indian Army

He also advised MSMEs to explore opportunities in Defence sector as there is a need to indigenize be it replacing old equipment, buying new systems or maintenance of existing equipment and systems which are huge. He also explained that earlier the industry faced issues such as lack of clarity on contacts in the Forces to supply to the sector. He told that there has been a major change and the details are provided on Make in India website wherein the processes have been simplified, innovations of start ups are supported, the annual plan on what the Army proposes to buy from the industry is put out and the indigenous requirements are also listed. He concluded saying that we are more keen to find the solutions, work with you from full system to components.

DGQA Facilitation Center at CODISSIA

Director of Indigenization (Army, EME), Brig. Shailendra Malik said that requirement is huge for development of Indian sources for spares and components for which external sources have dried. There is still a large no. of components and spares that needs to be indigenized.

During the interaction, MGO clearly brought out that all the procurements w.r.t Indian Army will be through online portal for which a capacity assessment and verification will be done only by DGQA. Industry reps desired that a DGQA Facilitation Cell may be created for Tamil Nadu Defence Corridor at Coimbatore for enabling all MSMEs to register which DGQA for supply to Armed Forces. In this regard, it was told by MGO that DGQA rep having available at SQA(EM), Aruvankadu the services of the officer can be utilized till the DGQA Facilitation Cell is created.

Accordingly, DGQA Facilitation Center has been created on 22 May 2020 at CODISSIA.

TARGET

To facilitate in registration of the industries in and around Coimbatore, so as to enable them to participate in Tenders issued by Procurement Agencies in MoD, which includes Ordnance Factories (OFs) under Ordnance Factory Board (OFB) and Defence Public Sector Undertakings (DPSUs).

Scope:

- Expedite registration process of the manufacturers willing to be registered with DGQA as per existing procedure, for supply of products for Defence under Revenue Procurement.
- Share the list of Registered Vendors with Procurement agencies in Indian Army, Indian Navy and Indian Air Force and also the OFs and DPSUs to participate in their procurement processes and indigenisation efforts under Make in India and Atmanirbhar Bharat Abhiyan and other such schemes in MoD.
- Take forward the proposal of CODISSIA for the need of testing facilities to be established as part of South Defence Corridor with MoD, as part of Defence Testing Infrastructure Scheme.
- Take up case with MGO Branch, Army Headquarters to issue RFPs/EoI to the registered manufacturers under CODISSIA for participation in the indigenisation process by Directorate of Indigenisation under DGEME and also development of new sources of supply by Central Ordnance Depots under DGOS.

DURATION

DGQA Facilitation Cell at CODISSIA will be operational 3 days per week. He will also be available at the cell on demand/necessity basis. The modalities of positioning of team from DGQA in CODISSIA will be worked out and ensure their attendance at least twice in a week to coordinate registration process with the respective Controllerates of DGQA. In addition, email IDs of Controllerates will be shared with Manufacturers for interaction and clarifying queries related to various products.

SUPPORT

- Enable the Manufacturers to obtain SCAGE (Self Certification, award of Green Channel Status) Number from Directorate of Standardisation.
- Facilitate sharing the list of items to be procured by Central Ordnance Depots through Directorate General of Ordnance Services (DGOS) as part of their Outline Trade Procurement Plan (OTPP), to give an idea on the products that are planned for procurement during the year.
- Facilitate sharing the list of items proposed to be indigenised by Directorate of Indigenisation, New Delhi, through DGEME.

OFFICE

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AIM FIGHTS COVID 19

Given the unfortunate health crisis that the globe is currently facing, Atal Innovation Mission is actively involved in multiple initiatives to help deal with the crisis.

Initiatives by AIM

Working Group - In order to mitigate the impact of COVID19, AIM is facilitating an inter-ministerial working group of the Government of India for identifying startup solutions that can address the current COVID19 crisis. This group includes representatives from various government ministries / departments such as Department of Science and Technology, Department for Promotion of Industry and Internal Trade, Department of Biotechnology, Startup India, Principal Scientific Advisor's office among others.

Call for partnership

AIM encourage all organizations, MSMEs, industry players, to share with us, resources that can help in speedy scaling up and deployment of innovative solutions. These may include resources such as idle capacity available for manufacturing, testing labs, CSR funds, infrastructure, logistics, mentoring support, access to investor networks, etc. Please fill in all such details in the google form link [here](#).

The Atal Innovation Mission

AIM is a flagship initiative set up by the NITI Aayog to promote innovation and entrepreneurship across the length and breadth of the country, based on a detailed study and deliberations on innovation and entrepreneurial needs of India in the years ahead.

AIM is also envisaged as an umbrella innovation organization that would play an instrumental role in alignment of innovation policies between central, state and sectoral innovation schemes incentivizing the establishment and promotion of an ecosystem of innovation and entrepreneurship at various levels - higher secondary schools, science, engineering and higher academic institutions, and SME/MSME industry, corporate and NGO levels.

Long term goals of AIM include establishment and promotion of Small Business Innovation Research and Development at a national scale (AIM SBIR) for the SME/MSME/startups, and in rejuvenating Science and Technology innovations in major research institutions of the country like CSIR (Council of Scientific Industrial Research), Agri Research (ICAR) and Medical Research (ICMR) aligned to national socio-economic

AIM.TO INNOVATE.

A Government of India task force is actively scouting for Innovative preventive, assistive, curative deployable/scalable solutions within the next 1-3 and 3-6 months to beat the COVID19 crisis in India. AIM encourage all stakeholders to contribute towards tackling this crisis by one or more of the following ways:

Submit innovative start-up solutions that directly or indirectly help fight the COVID 19 crisis
<https://www.startupindia.gov.in/content/sih/en/ams-application/challenge.html?applicationId=5e79126ee4b055bfaea9ef66>

Access repository of resources updated in real time for solving COVID 19 challenges, (an initiative by AIM incubator 91Springboard)
<https://www.startupsvscovid.com/>

CDIIC is Inviting Technology Based Startups

CDIIC is Inviting New technology based startups for incubations. CDIIC will extend the needed support to start-ups in terms of incubation of their ideas through mentors and institutions, thereby helping them to graduate successfully . This will be instrumental in developing many new entrepreneurs who in-turn would set up their own industries generating employment opportunities to many

Application Deadline – 30th June 2020

We are looking for technology based startups that have developed innovative products which has commercial and defense applications. CDIIC Will support the startup with mentorship, Guidance, Co-working space and necessary startup eco-system that will ensure success of the venture. Application form is available in the following link: <http://cdiic.in/incubation>. Last date for application: 30th June 2020. The short listed ideas will be called for technical discussion and incubation selection process.

Focus Areas: Healthcare, Defence Technologies, IOT, Augmented reality / Virtual reality and Robotics.



CODISSIA Defence Innovation and Atal Incubation Centre - (CDIIC)

"Supported by Atal Innovation Mission, NITI Aayog"

Innovative Tech Start-Up Search

CDIIC is the first "Defence Innovation Hub" in India supported by Defence Innovation Organisation (DIO) of Ministry of Defence, Govt. of India and Atal Incubation Centres established under the Atal Innovation Mission, NITI Aayog, Govt. of India

Are you an innovative tech start-up working on Disruptive Technologies?

We are searching for you!

CDIIC empowers your start-up to gain acceleration and navigate towards success with our industrial experts & business mentors. We provide a world-class ecosystem, labs, Co-working space and much-needed hand holding to the start-ups.

Focus Area : Innovative products having dual applications (Defence & Commercial)



Necessity is the mother of invention

- Plato



Health Care



Defence



IOT



AV/VR



ROBOTIC

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Download application form : <http://cdiic.in/incubation>

Mail us : info@cdiic.in

Last date of application : 30th June 2020

Highlights of Atmanirbhar Bharat Abhiyan

Presentation made by Union Finance & Corporate Affairs Minister Smt. Nirmala Sitharaman under Aatmanirbhar Bharat Abhiyaan to support Indian economy in fight against COVID-19

Prime Minister's Vision

- Call for **Atmanirbhar Bharat** or Self-Reliant India Movement
- **Five pillars of Atmanirbhar Bharat** – Economy, Infrastructure, System, Vibrant Demography and Demand
- **Special economic and comprehensive package of Rs 20 lakh crores** – equivalent to **10% of India's GDP**
- Package to **cater to various sections** including cottage industry, MSMEs, labourers, middle class, industries, among others.
- **Bold reforms** across sectors will drive the country's push towards self-reliance
- It is time to **become vocal for our local products** and **make them global**.

Businesses including MSMEs

1. Rs 3 lakh crores Collateral free Automatic Loans for Business, incl MSME
2. Rs 20,000 crore Subordinate Debt for MSMEs
3. Rs 50,000 cr equity infusion through MSME Fund of Funds
4. New definition of MSMEs
5. Global tender to be disallowed upto Rs 200 crores
6. Other interventions for MSMEs
7. Rs 2500 crores EPF support for Businesses and Workers for 3 more months
8. EPF contribution reduced for Business & Workers for 3 months- Rs 6750 crores
9. Rs 30,000 crores Liquidity Facility for NBFC/HCs/MFIs
10. Rs 45,000 cr Partial Credit Guarantee Scheme 2.0 for NBFC
11. Rs 90,000 cr Liquidity Injection for DISCOMs
12. Relief to contractors
13. Extension of Registration and Completion Date of Real Estate Projects under RERA
14. Rs 50,000 cr liquidity through TDS/TCS reductions
15. Other Direct tax Measures

Source: <https://taxguru.in/finance/aatmanirbhar-bharat-abhiyaan-support-indian-economy.html>

Indigenization Opportunities at CDIIC

CDIIC / CIR #06 / 2020-2021

IDENTIFICATION OF AVIATION GRADE CONSUMABLES SUPPLIERS

The Aircraft and Engine Holding Unit (A&EHU), Indian Navy, is in the process of identifying suppliers of Aviation Grade Consumables.

The following are the consumables required:

1. Aviation grade sealants
2. Quick setting sealants
3. Aviation grease
4. Rust remover
5. Paints

Interested members are requested to express their interest and share the details of their product to info@cdiic.in

CDIIC / CIR #03 / 2020-2021

EOI for Indigenous Development of Mirror Assembly of PC-7 Aircraft

CDIIC has received a new requirement from the Indian Air Force. They are in the process of identifying firms interested in Indigenous Development of Mirror Assembly of PC-7 Aircraft. Interested members willing to take up this project, are requested to Submit their Expression of Interest on the subject Forward a non-obligatory budgetary quote, as per the following format

- Development cost
- Prototype cost
- Future cost

Interested members are requested to share the firm details to info@cdiic.in, CDIIC will facilitate Product requirement discussion with the IAF Depot Sulur.

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