



**CODISSIA DEFENCE INNOVATION
AND ATAL INCUBATION CENTRE**

Special points of interest:

- **DGQA Cell at CODISSIA**
- **New Portal developed by DDP to partner in Indigenisation efforts**
- **Innovation Challenge: India-Sweden healthcare Innovation Centre**
- **CDIIC Startup Challenge II**

Inside this issue:

DGQA Cell	2
Negative Import List	3
DGQA Vendor Registration SOP	3
DRDO: Dare to Dream Startup Challenge	5
Activities at CDIIC	6
CDIIC Incubatee Search	6

CDIIC—Newsletter

CODISSIA Defence Innovation and Atal Incubation Centre

“Supported by Atal Innovation Mission, NITI Aayog”



ATAL INNOVATION MISSION

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 accelerated towards success.

DRDO 108 SUBSYSTEMS FOR DEVELOPMENT BY PRIVATE SECTOR



A list of 108 military subsystems and components have been identified for development by the Indian industry and the Defence Research and Development Organisation (DRDO) will provide support for the process, the Defence Ministry said on 24th August 2020.

“A DRDO delegation met Defence Minister Shri. Rajnath Singh to apprise him about 108 systems and subsystems which have been identified for designing and development by the Indian industry only,” the Ministry said in a statement.

The DRDO would also provide support to industries for design, development and testing of these systems on requirement basis. All the requirements of these systems by research and development establishments, armed forces and other security agencies could be met through development contracts or production orders on suitable Indian industry, the Ministry said. “This will allow DRDO to focus on design and development of critical and advanced technologies and systems,” it stated. The development of the subsystems and components would be done over the next couple of years.

The DRDO has been partnering with industry for many years, including the development of full systems like the Advanced Towed Artillery Gun System (ATAGS) and Pinaka rocket launchers among others. “Collaborating with DRDO in the development of major weapon systems the Indian industry has matured to a stage where they can develop systems on their own. Indian industry has progressed from a ‘build to print’ partner to ‘build to specification’ partner,” the Ministry stated.

The present industry base for the DRDO consists of 1,800 Micro, Small and Medium Enterprises (MSME) along with Defence Public Sector Undertakings (DPSUs), ordnance factories and large-scale industries. The DRDO already offers its technologies to industry for manufacture at a nominal cost and has been providing free access to its patents.

List of Products and Contact Details: <https://www.drdo.gov.in/sites/default/files/inline-files/Systems-and-Subsystems-for-Industry-to-Design-Develop-and-Manufacture.pdf>



गुणता आश्वासन महानिदेशालय DIRECTORATE GENERAL OF QUALITY ASSURANCE

DGQA FACILITATION CELL AT CODISSIA

To empower the CODISSIA Members/ regional MSMEs/Entrepreneurs to register under the Directorate General Quality Assurance (DGQA) for Indigenization of components, spares and guide them in certification/supply to the Armed forces, a DGQA Facilitation Center has been established at CODISSIA. This cell will be operational on two days a week (as per the availability of the Nodal officer) during which CDIIC will coordinate sessions with the DGQA representative, for clarification of doubts and details of further processing. The cell will enable vendors to participate in Tenders issued by Procurement Agencies in MoD (Ministry of Defence), which includes Ordnance Factories (OFs) under Ordnance Factory Board (OFB) and Defence Public Sector Undertakings (DPSUs). (Meetings only on prior appointments)

STANDARD OPERATING PROCEDURE (SOP) FOR PERFORMING ACTIVITIES WITH RESPECT TO VENDOR REGISTRATION AND INDIGENISATION EFFORTS

- **Stage 1:** List of items for indigenisation will be shared with all Regional MSMEs
- **Stage 2:** Individual companies, based on their core competency, will identify product (s) which they can indigenise and intimate the same to CDIIC / Nodal Officer, DGQA.
- **Stage 3:** Upon selection of product (s) by individual companies, on-site assessment to determine the capabilities and potential of the firm will be conducted.
- **Stage 4:** Upon satisfactory on-site verification, the company will be required to register with Directorate General Quality Assurance (DGQA). The Procedure for the same will be explained by the Nodal Officer, DGQA.
- **Stage 5:** Upon successful DGQA Vendor Registration, the firm will be required to submit a project proposal, which will be forwarded to the concerned procurement agency for approval.
- **Stage 6:** The project proposal will include detailed procedures with respect to design and development, production and validation of prototype being indigenized
- **Stage 7:** Upon validation of the prototype, the Nodal Officer, DGQA / CDIIC will facilitate with respect to supply of stores for defence indigenisation.

NODAL OFFICER

Dr. T. K. Varadarajan, SQAQ, SQAE (ME), Aruvankadu, DGQA has been nominated by the DG, DGQA, as the nodal officer for the DGQA Facilitation Cell at CODISSIA, [Meetings on prior registration only.] . Interested members kindly drop a mail to info@cdiic.in to register your participation in the DGQA Facilitation Cell at CODISSIA. • DGQA Facilitation Cell at CODISSIA will be operational 2 days per week (as per the availability of Nodal officer). Nodal officer will also be available at the cell on demand /necessity basis.

LIST OF PRODUCT FOR INDIGENIZATION FROM DDP Achieving self-reliance in defence manufacturing is one of the key objectives of Department of Defence Production (DDP). For this purpose, the focus of the Department has been on reducing dependency on imports and indigenisation of the items presently being imported. Towards this, OFB, DPSUs and Service Head Quarters (SHQs) have identified the items which, at present, are being imported and are intended to be indigenised through Indian vendors

Link: <https://www.makeinindia.defence.gov.in/pages/indigenisation>



DGQA FACILITATION CELL AT CODISSIA, COIMBATORE

Active participations from member firms— About 30 member firms have shown interest in this cell and have had meeting(s) with Dr. T. K. Varadarajan, Nodal Officer, DGQA Facilitation Cell, CODISSIA, Coimbatore, out of which we have identified 10 firms who have expressed their willingness in production of item(s) from the updated list of indigenisation, as available on the Defence of Defence Production (DDP).

CDIIC is now in the process of sending mails to the concerned DPSU(s)/defence force(s) to intimate the selection of items from their list. Apart from this, we are also receiving several general enquiries from members as well as non-member industries regarding the operations of the DGQA Facilitation Cell.

NEGATIVE IMPORT

This announcement follows the 101 items on the negative import list issued by the Defence Ministry on August 9 which have to be domestically procured in a phased manner. This was part of a series of measures announced by Finance Minister Nirmala Sitharaman in May to promote domestic defence manufacturing as part of the “Atmanirbhar Bharat” initiative. These include the negative import list, separate budgetary allocation for domestic procurements, indigenisation of spares and components and raising the FDI cap in defence through automatic route from 49% to 74%. Separately, the Godrej group said in a statement that it had partnered with Ordnance Factory Chandrapur (OFC) in Maharashtra to conceptualise and develop an indigenous automated assembly line for production of Pinaka Rockets at a new facility that was inaugurated early this month. Godrej & Boyce began the design and development work on the automated assembly line in 2016 that allowed the production capacity for Pinaka rockets to be quadrupled. <http://164.100.117.97/WriteReadData/userfiles/IMPORT%20EMBARGO%20LIST%20MOD.pdf>

New Portal developed by DDP to partner in Indigenisation efforts

Pursuant to the ‘Atmanirbhar Bharat’ announcement, the DDP (Department of Defence Production), Ministry of Defence (MoD), Government of India, has developed a portal named – www.srijandefence.gov.in – as “Opportunities for Make in India in Defence” <<https://www.srijandefence.gov.in/ProductList>>

The main objective of the portal is to partner the private sector in indigenisation efforts of Defence Public Sector Undertakings (DPSUs), Ordnance Factory Board (OFB) and the Armed Forces. The portal will be a non-transactional online marketplace platform.

DPSUs/OFB/SHQs (Service Headquarters) will display their items on the said portal, which are being or which are going to be imported by them, each item having sizeable import value. They will also display those items which have been planned/targeted in the coming years, for indigenisation.

The Indian industry will be able to show their interest in those items for which they can design, develop and manufacture as per their capability or through joint venture with the OEMs (Original Equipment Manufacturers). The concerned DPSUs/OFB/SHQs, based on their requirement of the items and their respective guidelines & procedures, will interact with the interested Indian industry for indigenisation. The interested Indian industry can also interact with the concerned DPSUs/OFB/SHQs for their queries related to indigenisation through the contact details given under each item.

Interested members may visit the below link for details of products imported by the DPSUs/OFB/SHQs –<https://www.srijandefence.gov.in/ProductList>

CDIIC, through the DGQA Facilitation Cell at CODISSIA, Coimbatore will be available to support members with the registration and DGQA (Directorate General of Quality Assurance) certification process.

IMPORTANT LINKS

Department of Defence Production— Facilities Available For Private Defence Industries:

Link: <https://www.ddpmod.gov.in/test-facilities-available-private-defence-industries>

Defence e Procurement Portal:

The eProcurement System of Ministry of Defence enables the Tenderers to download the Tender Schedule free of cost and then submit the bids online through this portal.

Link: <https://defproc.gov.in/nicgep/app>

Defence Export Promotion Cell

Export Promotion cell under DDP, MoD has been formed to co-ordinate and follow-up on export related action including enquiries received from various countries and facilitate private sector and public sector companies for export promotion.

The functions for the Export Promotion Cell setup under DDP are as under:

- a) Coordinate and follow-up export activities including enquiries received from various countries.
- b) Regular interaction/ Coordination with the Defence Attaches (DA) of the potential buyer countries.
- c) Establish linkages between export promotion activities and exhibition.
- d) Interaction with potential buyer countries and setting up meetings with the industry and follow-up after the exhibition.
- e) Facilitating development of promotional materials, audio-visual films, and timely dissemination of information to respective countries.
- f) Facilitate coordination between Private Industry and MOD for export promotion.
- g) Interaction with different chambers of commerce like FICCI, ASSOCHAM etc for export potential opportunities.

Link: <https://www.defenceexim.gov.in/>

DGQA Vendor Registration SOP:

Standard Operating Procedure (SOP) for registration of defence Manufactures by DGQA, MOD

Link: http://www.dgqadefence.gov.in/sites/default/files/SOP%20ON%20REGISTRATION%20OF%20MANUFACTURERS_07%20June%202020.pdf



AIM iCRESt Program – initiative to develop world class incubators

AIM over the last few years has created a network of incubators that energize the innovation value chain in India. Through this current initiative it is now seeking to improve sustainability and effectiveness of these incubators through consistent support and capacity building. With this objective in mind, AIM in partnership with **Bill and Melinda Gates Foundation, and Wadhvani Foundation** has created for you **AIM iCRESt ((Incubator Capabilities enhancement for a Robust Ecosystem for high performing Startups)) Program** ; which will be offering incubators access to intensive training and mentoring sessions aimed at improving capacity of incubator managers and helping them produce more viable successful startups.

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 needs.

Innovation Challenge | India-Sweden healthcare Innovation Centre

The **India-Sweden Healthcare Innovation Centre**, a tripartite collaboration between the Swedish Trade Commissioner's Office, AIIMS Delhi and AIIMS Jodhpur, including partners such as Ministry of Health and Family Welfare, ICMR, AstraZeneca, Startup India, AGNli, Invest India, Atal Innovation Mission and NASSCOM, has announced the following innovation challenge to address the healthcare challenges during Covid-19 for creating greater impact across the country and beyond –

“During this year, the pandemic of Covid-19 has disrupted healthcare delivery in India and across the globe. Healthcare systems worldwide are presently under tremendous pressure as they are coping up with the pandemic. Patient behaviour towards servicing their healthcare needs is also changing rapidly and this will compel healthcare providers to adopt new ways of working and develop innovative solutions in order to sustain healthcare delivery.”

Who should apply:

This Innovation Challenge is open to startups, students, individuals, entrepreneurs and SMEs who are solving healthcare challenges in India through innovative technologies and business models.

What will start-ups get:

Innovation Centre will provide a host of benefits to the selected start-ups, including:

- **Mentoring** by a network of mentors with rich and diverse experience such as AIIMS Jodhpur, AIIMS Delhi, AstraZeneca and Business Sweden, who work closely with the start-ups to support them in their growth by sharing their valuable knowledge, and by connecting them with opportunities in the industry
- **Rapid scale-up** by enabling product validation through hospitals and market access for pilot projects
- **Fuel international expansion** and collaboration by acting as a gateway to connect to the international markets through a wide network of partners
- Connect to the **investors** to showcase your innovations and attract investments
- **High level visibility** to showcase your innovation to distinguished industry leaders, policy makers and healthcare providers through conferences and digital showcase
- **Incubation space** at AIIMS Jodhpur to co-create and refine the solution along with access to use of lab equipment's. Additionally, access to satellite incubation space in Bangalore is also available

Visit: www.indiaswedenic.com/startups#innovation-challenge

Last date of Application: 27th September 2020

AIM —Python Foundation Course

Learn the fundamentals of programming and logic using Python - The most popular language used for Machine Learning, Data Science, and Web Development at top companies.

Enroll Free

Link: <https://www.codingelements.com/python-foundation-course/>

DRDO —DARE TO DREAM Startup Challenge

Defence Research and Development Organisation (DRDO) has launched its innovation contest 'Dare to Dream 2.0' on the 5th death anniversary of former President and noted scientist Dr APJ Abdul Kalam on 27th July 2020. Dr Kalam, also known as missile man, had the vision of self-reliance. The scheme is being launched for emerging technologies to promote the individuals & startups for innovation in defence and aerospace technologies in the country after the call of 'Atmanirbhar Bharat' given by Prime Minister Shri Narendra Modi.

Objective: To unearth disruptive ideas and concepts in emerging technologies identified by DRDO for enhancing defence capabilities.

Selection Process:

The entries received will be judged by a two stage process,

- screened by Domain Expert Committee and
- short-listing and ranking by Independent Expert Committee.

ATMANIRBHAR BHARAT ABHIYAN

DARE TO DREAM 2.0

DRDO Innovation Contest

Scheme to Promote Individual & Start-Up for Innovations in Defence & Aerospace

PRIZE UPTO ₹10 LAKHS

Last Date
15th October, 2020

Awards	Individual	Start-up
First	5 Lakh	10 Lakh
Second	4 Lakh	8 Lakh
Third	3 Lakh	6 Lakh

Eligibility

INDIVIDUAL
Should be Citizen of India above 18 years of age

START-UP
Start-up controlled by Indians and recognized by DPITT (Govt. of India)

- **Important Dates:** Start Date : 15 Aug 2020 End Date : 15 Oct 2020
- **Two Categories:** Individuals and Start-Up
- **Link:** <https://drdo.res.in/kalamdb/portal/kalam.html>

Activities at CDIIC

1. **DGQA Facilitation Cell:** CDIIC organized a meeting for Vendor Networking and Meeting Coordination with the DGQA Nodal officer on 02.09.2020
2. **Networking Visit:** GM-CDIIC visited 5 BRD, Indian Air Force, Sulur for Identification of Indigenization opportunities for our regional vendors.
3. **New incubate Applications:** 5 new applications have been received for incubation at CDIIC. The same are in the process of review and evaluation.
4. **Information Circulation:** CDIIC keeps its members updated with any new progress or activity from the defence. Tenders from MDL, ATMANIRBHAR BHARAT: DEFENCE INDUSTRY OUTREACH WEBINAR conducted by FICCI and 108 Item lists, List of ASSOCHAM webinars are some of the important information shared with members.
5. **First Mentoring Session for CDIIC Incubatees:** Incubatees of CDIIC were invited to attend the first mentoring session at CDIIC with Mr. V. Sundaram, Director CDIIC held on 31st August 2020 at CDIIC registered office.
6. **CDIIC Machinery Purchase** - Internal Meetings for Specification finalization and tender documentation held
7. **Participation in AIM iCRESt training sessions**

CDIIC Incubatee Search



CODISSIA Defence Innovation and Atal Incubation Centre - (CDIIC)
"Supported by Atal Innovation Mission, NITI Aayog"



CDIIC Startup Search II

Are you a tech based innovative start-up working on disruptive technologies with commercial and defence applications?
Our country is searching for you ...

Get incubated & Empowered !

CDIIC is India's first "Defence Innovation hub" Supported by Defence Innovation Organization, MoD & Atal Innovation Mission, NITI Aayog, Govt. of India.

We Provide Sector Specific Mentoring, Industry connect, Start-up Ecosystem, Labs, Trainings and necessary handholding's that will ensure early stage start-ups evolve into successful ventures



Last Date for Application: 10 Oct 2020 **Mail Us at : info@cdiic.in**

Download Application From: <http://cdiic.in/incubation>

CDIIC—Newsletter



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