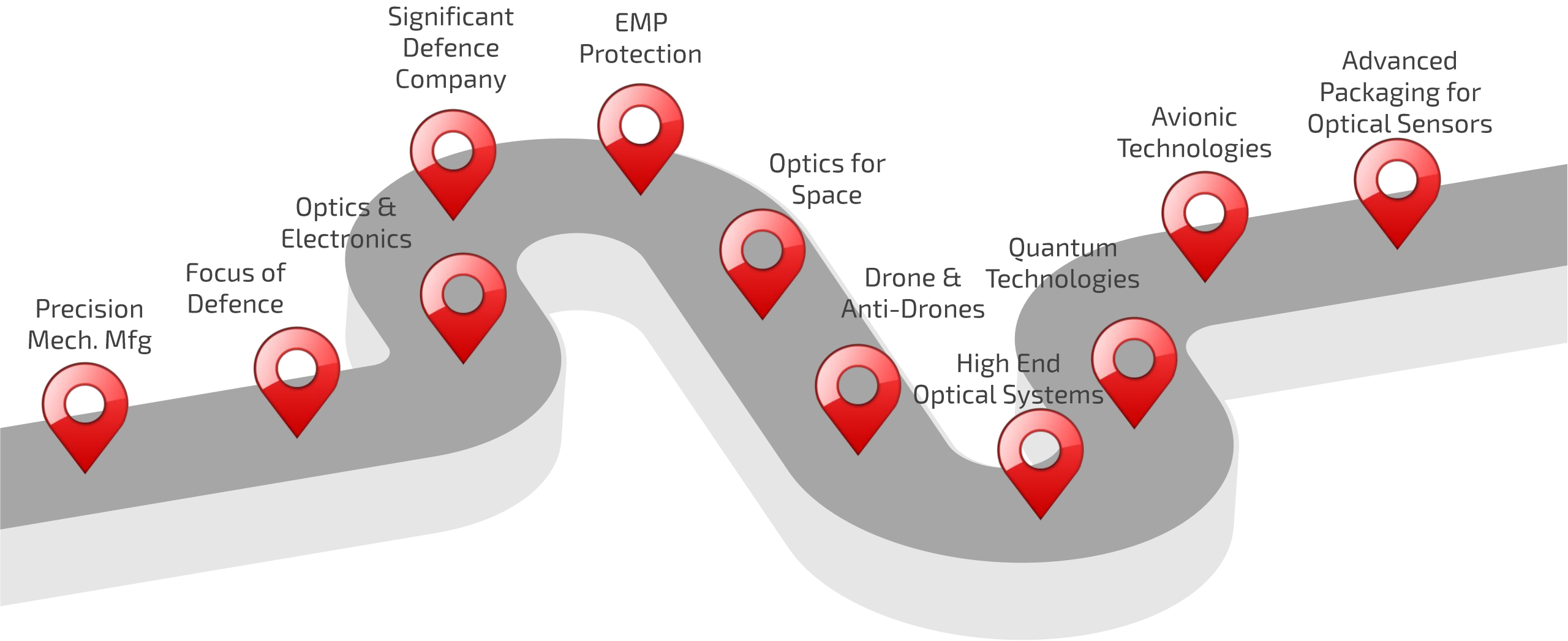




# Paras Defence & Space Technologies Limited

*Premier Defence and Space Engineering Company*

# Our Journey





# Subsidiaries of Paras Defence

## Paras Aerospace

Drones for Military, Industrial & Agricultural Applications  
Drones Solutions

60%



## MechTech Thermal

Thermal solutions for Space and Defence Applications

70%



## Paras Heven Drones

Hydrogen Powered Drones for High Endurance Applications

51%



## Paras Semiconductors

Advanced Packaging Semiconductor Technologies

70%



55%



100%



100%



60%



## Paras Anti-Drone

Radars & Radar Sub-Systems  
Software Defined Radios  
Phased Array Antennas  
Anti-Drone Systems

## Opel Technologies

Supply Chain solutions to Paras and Its customers

## Quantico

Quantum Technology Development  
Quantum Communication  
Quantum Sensing

## Paras Avionics

Air-to-Air Technologies  
Aerospace Products & Solutions



## **India's No. 1 High-End Optical Systems Company**

Paras aims to become India's No. 1 High-End Optical Systems Company catering to the Domestic as well as World Market, through in-house R&D & global partnerships.

## **India's No. 1 Laser Based Air Defence Company**

Paras is in the process to offer turnkey Laser based Air Defence Solution and provide mitigation options against hostile drones and ariel targets. Coupled with other systems, we want to aim at providing all-round Air Defence Solutions.

## **India's No. 1 Anti-Drone Company**

We strive to become India's No. 1 company developing and producing cutting-edge Anti-Drone Technologies including Radars, Software Defined Radios, Phased Arrays & Advanced Antennas etc.

## **India's No. 1 ElectroMagnetics Company**

Paras aspires to offer turnkey solutions for ElectroMagnetic Protection covering EM Pulse, Anechoic Chambers & Antenna Test Ranges amongst others, not just for Domestic but for World Market

# Leading Products



# Submarine Periscope



*Image only for application reference*

Only Company in the whole Asia Pacific to develop and mfg. Submarine Periscope

World Class Proven Performance

Paras is delivering 1 Periscope every 3 Months and aiming for more...

Huge Opportunities on New as well as Existing Platforms with current funnel of 36+ Nos

Domestic & World Market opportunities indicate a yearly revenue of 200+ Cr.

# Hyper-Spectral Cameras



*Image only for application reference*



Only Indian Pvt. Company to develop and mfg. a Hyper-Spectral Camera for Defence & Space

Will be jointly launched by DRDO & ISRO

100% Designed, Developed and Manufactured in India by Paras

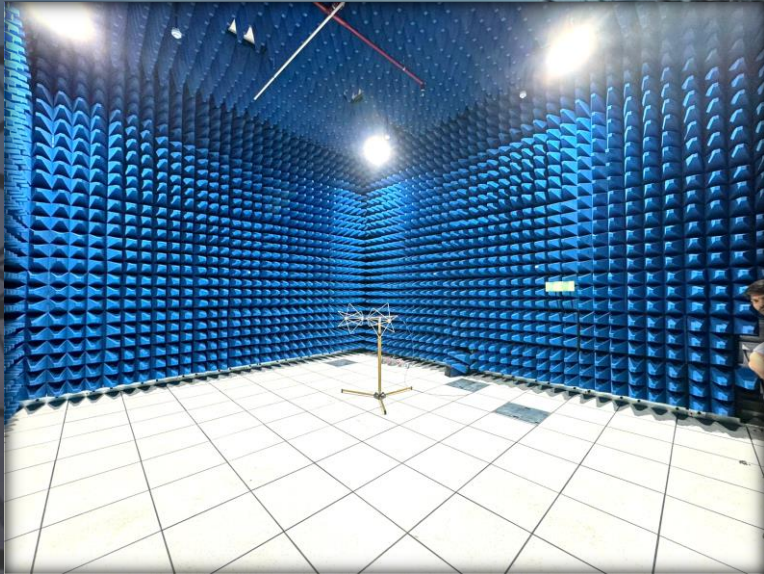
Long term opportunities as these Cameras are a part of almost every Optical Space Mission

Hyper-Spectral Cameras will have varied applications incl. Defence, Medical, Agri etc.

# ElectroMagnetic Protection Solutions



*Image only for application reference*



Only Indian Company to offer Turnkey ElectroMagnetic (EM) Protection Solutions

Certified & Field Proven High Performance against ElectroMagnetic Pulse (EMP) Threats

Turnkey Semi/Full Anechoic Chambers for EM Measurements along with ancillary services

Collaborated with Global Leader to offer High Performance Antenna Test Range Solutions

Huge Business Potential with Funnel of 350+ Cr. Over the next 2 to 3 Years

# Border Defence System



First Indian Border Defence System to protect our frontline Soldiers from facing the firing

Rugged Field Trialed System having Surveillance Unit, Weapon Unit & Control System

100% Design, Developed & Manufactured by Paras in collaboration with DRDO

Advanced trials in progress and performance is found satisfactory

Huge Domestic Business Potential of 4000 Nos. over the next 5 to 7 Years + Global Market

# JV with Controp Precision Technologies Ltd., Israel

World's leading  
exclusive EO/IR  
company

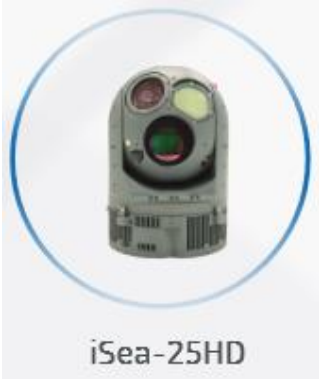


Paras has formed a JV with world's leading exclusive EO/IR company to manufacture world class EO/IR Systems in India (Under Make In India), for various platform including Drones.

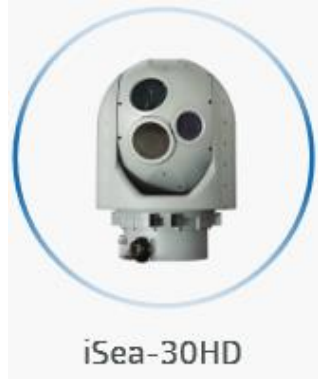


JV Company of Controp Precision Technologies, Israel & Paras  
Defence & Space Technologies Ltd., India

# Optical Payloads for All Platforms



iSea-25HD



iSea-30HD



iSea-50HD



iSky-50HD



iSky-30HD



SIGHT-10E



SPEED-MR



SPEED-LR



SPEED-ER



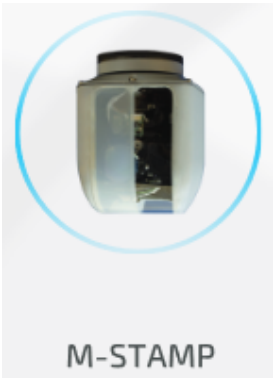
TORNADO-ER



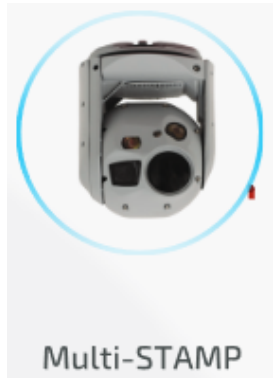
SIGHT-25E



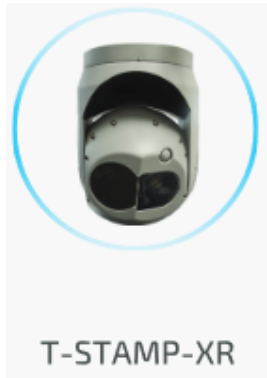
SIGHT-25HD



M-STAMP



Multi-STAMP



T-STAMP-XR



T-STAMP-XED



T-STAMP-XD



SIGHT-50HD

In partnership with Controp, Israel

# Optical Systems

*Image only for application reference*



Field Proven World Class EO/IR Optical Systems operational on various platforms worldwide

High Performance Stabilized Optical System

Day and Night Channels with precision Tracking & Laser Ranging for long distance targets

Extensive Funnel of over 5000 Units in the next 3 to 7 Years for only Sight – 25HD

Made in India, Made for the World

In Partnership with Controp Precision Technologies, Israel



# One System, Many Opportunities



Armoured Vehicles  
– BMP II



Air Defence Systems



FRCV



FICV



Light Armoured  
Multipurpose Vehicle  
(LAMV)



Sight-25HD



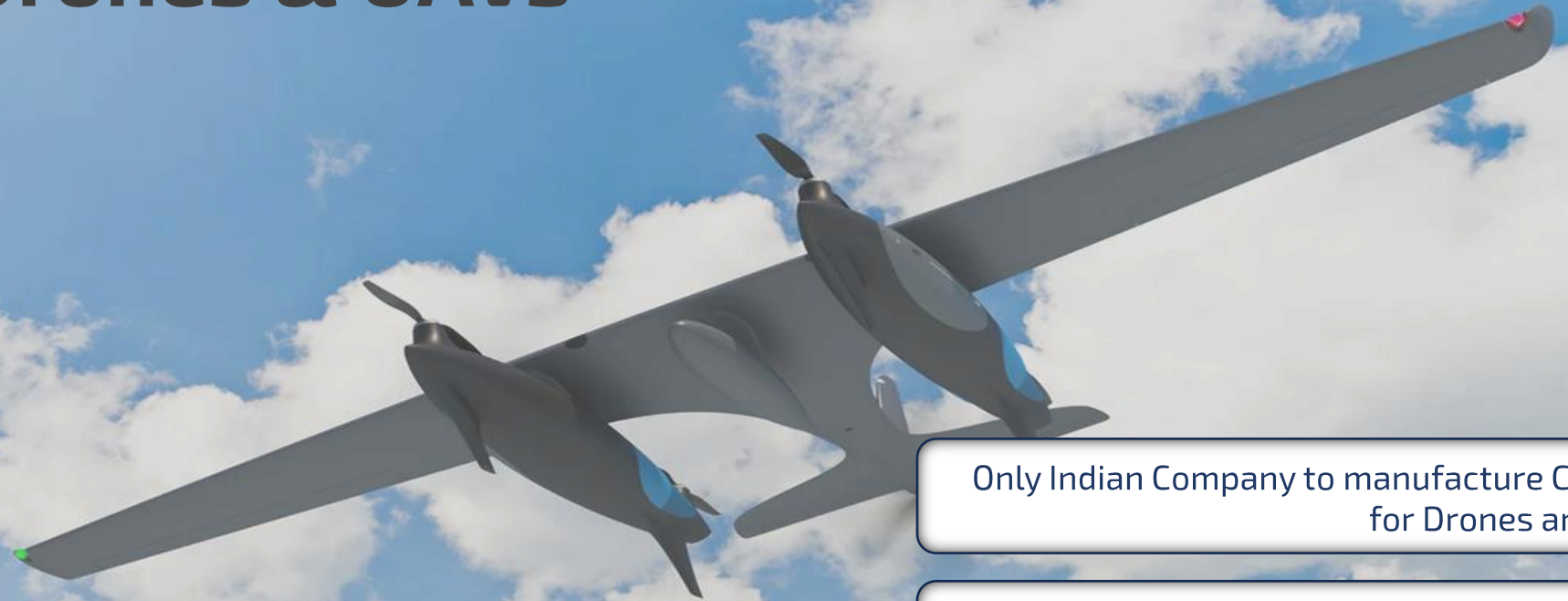
RCWS on MBT Arjun, BMP,  
WAV

*Estimated Opportunity Size of 6000+ Units over the next 3 to 5 Years*

# Cameras for Drones & UAVs



*Image only for application reference*



Only Indian Company to manufacture Cameras for Drones and UAVs

Exceptional Optical Performance with Un-cooled IR & Inertial Stabilization

Very Low Weight & Power Requirements making it suitable for multiple platforms

Made in India with very high Indigenous Content in collaboration with Microcon, Israel

High Domestic & Export Business Potential with growing Drone Market in India and the World

## JV with Heven Drones, Israel



Paras has formed a JV with world's leading company for Hydrogen Powered Drones, to manufacture them in India (Under Make In India)

World's leading  
company for Hydrogen  
Powered Drones

# Hydrogen Powered Drones

*Image only for application reference*



India's first Ready-to-Fly Hydrogen Powered Drones

Over 12Hrs of Flight Time with over 22Kgs of Payload

Offer exceptional advantages of High Energy Density, Fast Refueling, Quiet Operation etc.

Made in India with very high Indigenous Content in collaboration with Heven Drones, Israel

High Business Potential with constant need for High Flying Time with heavier Payloads

# Hydrogen Powered Drones



## Raider

*Lift & Deliver*

Payload Capacity: 22+ Kgs

Flight Endurance: 12+ Hrs

Max. Take-Off Weight: 118+ Kgs



## H2D250

*Compact & Tactical*

Payload Capacity: 4.5+ Kgs

Flight Endurance: 10+ Hrs

Max. Take-Off Weight: 25 Kgs



## H2D55

*Endure the Heights*

Payload Capacity: 4.5+ Kgs

Flight Endurance: 2+ Hrs

Max. Take-Off Weight: 30 Kgs

# Inertial Navigation Systems



Applications for INS



Full Range of Inertial Navigation Systems in partnership with Cielo, Israel

World Class, Field Proven, High Accuracy Performance

Customizable to User Requirements and can be alternate to legacy systems

Tested & Certified for Various Platforms for Land, Air, Naval, Submarine & Space

High Domestic Business Potential and Exceptional Export Potential

# Revolutionary Anti-Drone Products by our Subsidiary

*that may change the landscape of our Future*



# Flagship Anti-Drone Products



## Dexter 20

All Integrated Drone Detection  
& Jamming System

Range: 1.5+ KMs

All Integrated Drone Detection &  
Jamming System

Frequency: 400MHz to 6GHz

Directional & Omnidirectional  
Jamming

Adaptive IQ Waveform Jamming



## Terminator

High Performance Drone  
Jamming Gun/System

Range: 1.5+ KMs

High Performance Directional  
Jamming System

Frequency: GPS L1, L2, L5, 2.4GHz,  
5.2GHz, 5.8GHz

Plug & Play Modular Design

Man-Portable with Weight < 6Kgs

# Range of Cutting-Edge Products



**Hydra & Sky Sense**  
Drone Detection Systems

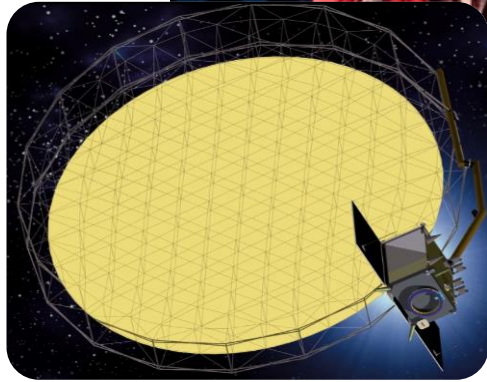


**AeroBlast**  
Drone Jamming System



**AirLink-DMR**  
Tactical Communication System

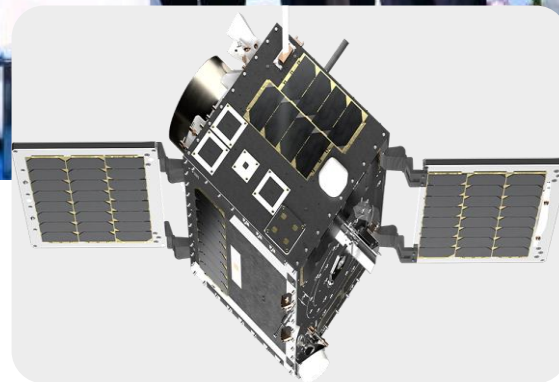
# Winner of 4 iDex Challenges



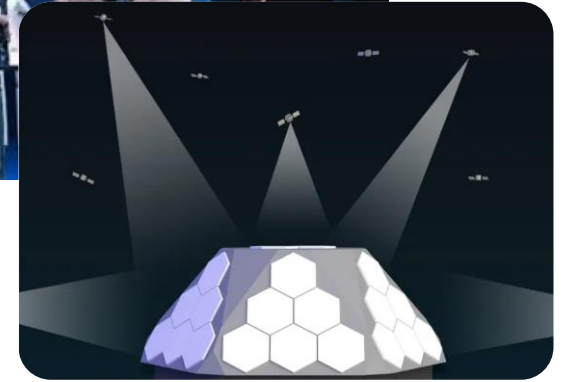
IAF Program: Design of SAR Radar  
 TAM: 26.53 Bn\$  
 (CAGR 10%)  
 SOM : 30 Mn\$



Indian Army: Smart Anti Jamming systems  
 TAM: 4.29 Bn\$  
 (CAGR 12%)  
 Potential: 40 Mn\$



IAF Program : Design of ELINT Spaceborne System for 0.5-40 GHz  
 TAM : 14.5 Bn\$ (CAGR 6%)  
 SOM : 60 Mn\$



DSA: Mobile Ground Station for Satellite  
 TAM: 60.7 Bn\$  
 (CAGR 12.8%)  
 Potential: 60 Mn\$

# Developments in Paras Anti-Drone



*Image only for application reference*

RF & Microwave Custom Developments

Advanced Phased Arrays

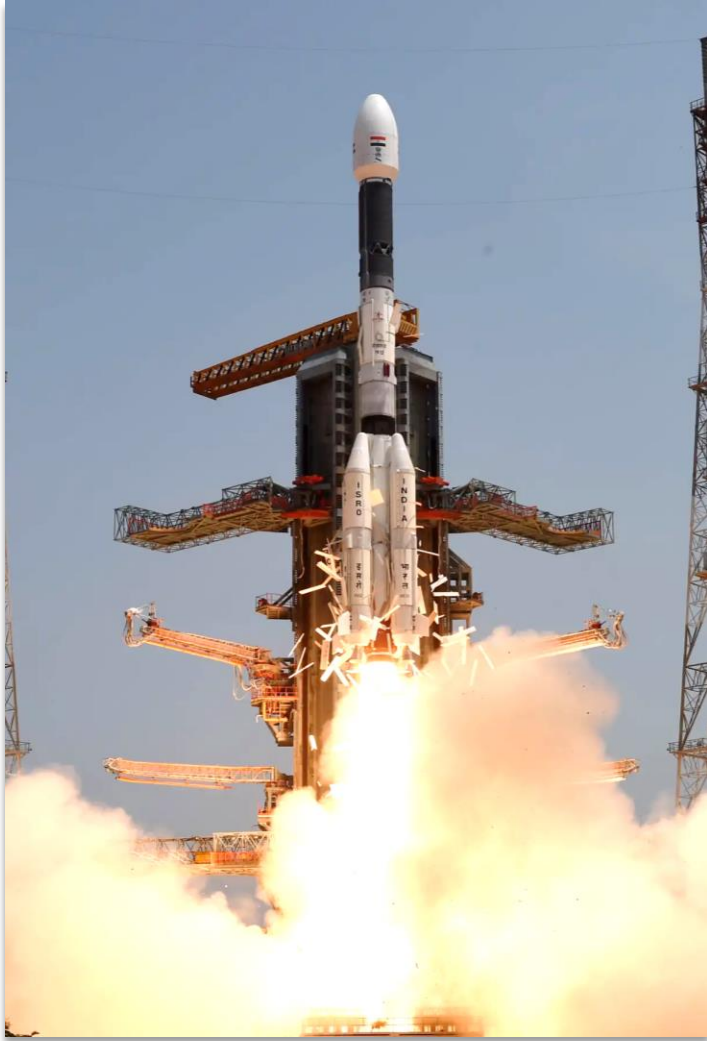
Next Generation Software Defined Radio

Complex Antenna Systems

Futuristic Counter UAV Technologies

# World of Opportunities





**Optical Systems for  
AeroSpace Programs**



**Solutions for Air  
Defence Applications**



**Future Technologies**

# AeroSpace Programs





# Recent Updates on Opportunities in Space

EDITION IN ▾ MUMBAI 30°C

## THE TIMES OF INDIA

**India** [Saving Our Stripes](#) [Times Evoke](#) [Maharashtra](#) [Delhi](#) [Karnataka](#) [Tamil Nadu](#) [Telangana](#) ...

NEWS / INDIA NEWS / CCS 'Approves Launch Of 52 Spy Satellites For...

**TRENDING** [Mahadev Betting App Owner](#) [Goa Weather](#) [Ajit Pawar](#) [New UPI Transac](#) < >

### CCS 'approves launch of 52 spy satellites for Rs 27,000 crore to boost space surveillance

Surendra Singh / TNN / Oct 12, 2024, 01:20 IST [SHARE](#) [PRINT](#) [AA](#) [FOLLOW US](#)

Paras Defence is the Only Indian Private Company which has all-round capability for Design, System Engineering, Manufacturing, Integrate, Test & Space Qualify Optical Systems for Space Programs and is working towards having significant workshare in the above!



s 2024 2024 US Elections [Crickit](#) HT Premium <sup>NEW</sup> Loan ₹10 Lakh  
ba Siddique Win iPhone 15 Videos Photos Web Stories Sports Delhi News

### Exclusive: CCS clears launch of 52 surveillance satellites

By [Shishir Gupta](#) X

Oct 11, 2024 08:32 AM IST [Bookmark](#) [Facebook](#) [Twitter](#) [LinkedIn](#) [Festival of Gifts](#)

# Space Programs



*Image only for application reference*

Complete Optical Missions for Space

High Resolution Hyperspectral Camera for ISRO,  
Pvt. Companies & Export

Sub-Meter Resolution Optical Camera

Optical Payloads for Oceanography

Optical Payloads for Resource Management

Optical Payloads for Space Defence

Ground to Space Telescopes for Space Debris  
Monitoring

Space to Space Surveillance Missions

Free Space Optical Communication from Gnd to  
Space and Space to Space

Optical Payloads for Interplanetary Missions

# Airborne Optical Systems



*Image only for application reference*

Developing Advanced Optical Systems for Airborne Applications with our Customers

IRST – Infra-Red Search & Tracking System

Optical Camera Systems for Combat Aircrafts

High Performance Optical Systems for Medium/High Altitude Drones

Paras aims to become India's first company to develop and mfg. High End Airborne Payloads

# Solutions for Air Defence Applications



Electro-Optic Systems

Electronic Warfare Systems

High Power Laser Systems

C4I - Command & Control Systems

High Power EM Systems

# High Power Laser Systems

*Image only for application reference*

First  
Company  
in India



High Power Laser defence against Hostile Aerial Platforms such as Drones, Missiles & Aircrafts

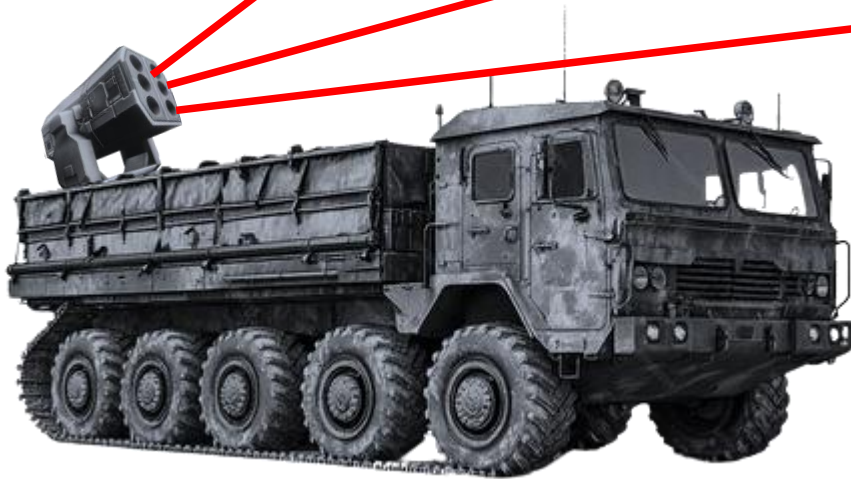
Ground to Air and Ground to Space Applications

Air to Air and Space to Space Applications

Designed, Developed & Manufactured in India with High Efficient Optical Design by Paras

Addressable Market of approx. 25000 Crores

# Laser Systems for Various Applications



First  
Company  
in India

# Future Technologies



# Quantum Technologies



*Image only for application reference*

Tread in Quantum Communications & Quantum Sensing

Prowess in Design of Optical & Electronic Systems complements Quantum Technologies

Currently building team and technologies as our first steps into Quantum World

Near-term to Mid-term Opportunities in the area of Quantum Sensing

Mid-term to Long-term Opportunities in the area of Quantum Communication

# Avionics Technologies



World Class, Cutting Edge Technologies in  
Military Aviation

Collaborate to provide Avionic Solutions like Air-  
to-Air Refueling Systems amongst others

Indigenous Manufacturing of Certified Systems  
with Local Installation & After Sales Support



*Image only for application reference*

Wide Range of Technologies from Components  
to Turnkey Solutions

High value business potential of critical Aviation  
Technologies, which lack local support today

# Avionic Suite for Saras – MK-II



*Image only for application reference*



Complete Glass Cockpit / Avionic Suite for Saras  
– MK-II Aircraft Platform

Delivered 2 Shipsets and working with Customer  
Closely for Project Completion

Aim to increase indigenous content in-line with  
Make In India, for future requirements

Potential Business for Saras-MK-II estimated to  
be 1+15+115 Nos in the next 5 to 7 Years

High Business Potential extending beyond  
Saras-MK-II for various similar platforms



PARAS DEFENCE  
& SPACE TECHNOLOGIES LTD.

# About Us

Looking at a brighter Tomorrow

# Company at a Glance



**Wide Range  
of Products**



**Strong Team  
of 700+**



**World Class  
Quality**



**Innovation &  
R&D Centric**

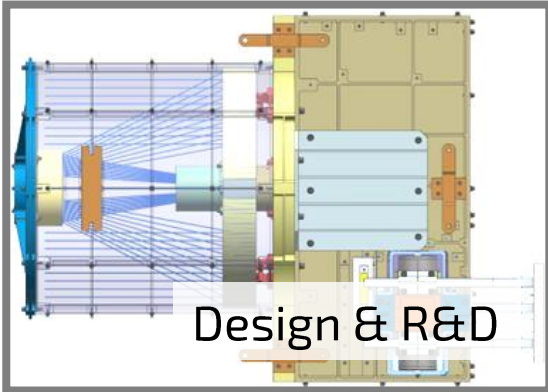


**World Class  
Manufacturing  
Setup**



**Heritage of  
Defence &  
Space  
Programs**

# Exceptional Capabilities



Design & R&D



Manufacturing



Integration



Test & Validation

- Optronic System Design
- Opto-Mech. Design
- Optical Design
- Electronic System Design
- Embedded System Design
- Electronic H/W Design
- Software Development
- ElectroMagnetic Design
- RF/Microwave Design
- Antenna Design
- Mechanical Design

- Infra-Red Lenses
- Optical Mirrors
- Optical Domes
- Optical Gratings
- Flowformed Tubes
- Titanium Assemblies
- Mech. Racks & Consoles
- Cold Plates
- Doors & Hatches
- Airvents & Waveguides
- Wiring Harnesses

- Submarine Periscope
- Border Defence Systems
- Hyper-Spectral Cameras
- Optical Systems
- Command/Control Consoles
- Control Systems
- High Performance PCs
- Rugged Displays
- Anti-Drone Systems
- Software Defined Radios
- Antenna Systems

- Physical Metrology
- Optical Metrology
- MTF Test Setup
- Electronic Test Setup
- Electrical Test Setup
- Environmental Test Setup
- High Pressure Test Setup
- Design Validation Tools
- RF Test Setup
- Antenna Test Setup
- Electromagnetic Test Setup

# Management Team

## Board of Directors



**Sharad Shah**  
Chairman



**Munjal Shah**  
Managing Director



**Shilpa Mahajan**  
Director

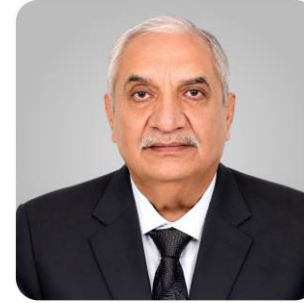
## Independent Directors



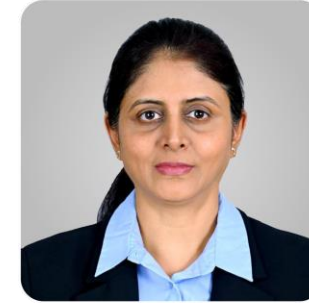
**M. M. Honda**  
Independent Director



**Dr. Hina Gokhale**  
Independent Director



**Suresh Katyal**  
Independent Director



**Minal Bhate**  
Company Secretary

## KMP / Directors



**Anish Mehta**  
Director: Bus. Dev.



**Harsh Bhansali**  
CFO



**Amit Mahajan**  
Director: Tech. & R&D



**Anushka Shah**  
Vice President

# Management Team

— India's Best Optics Team —



**Krishna Murthy**  
Ex-ISRO



**MV Rajashekhar**  
Ex-BEL



**Bharat Yelkur**  
Sr. Vice President



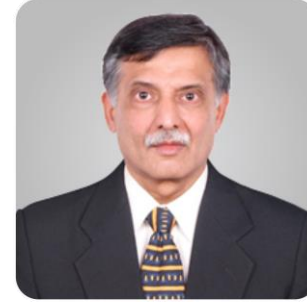
**S. Somashaker**  
Ex-ISRO



**R. Rajagopal**  
Sr. Vice President



**N. Saravanan**  
Sr. Vice President



**K. Natarajan**  
Sr. Vice President



**Dr. Padmanabham**  
Ex-BDL

— Vice Presidents —



**G.S. Ravichandar**  
Ex-BEL



**D. Ramakantha**  
Ex-BEL



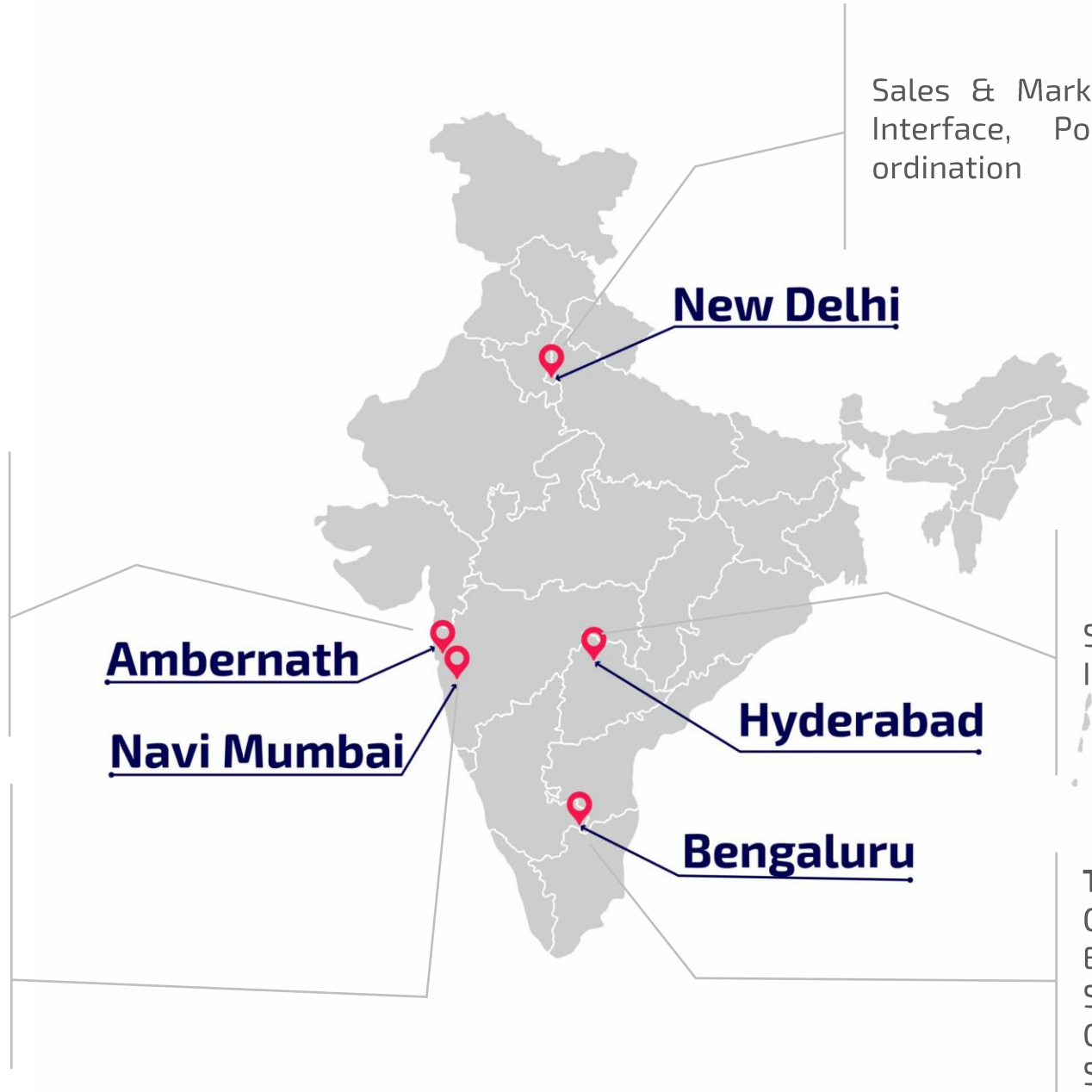
**A.R. Bodhe**  
Industry Expert



**Yellamanda Y**  
Ex-BEL



# Locations



Sales & Marketing, Customer Interface, Post Sales Co-ordination

**New Delhi**

Heavy Engineering Mfg., Mechanical System Integration, Test Facilities

**Ambernath**

**Navi Mumbai**

**Hyderabad**

Sales & Marketing, Customer Interface, Post Sales Support

**Bengaluru**

Optics Mfg, Opto-Mech Integration, Electronics D&E, System Integration, Directors & Corporate Departments

**Two Locations -**  
Optics Design, Advanced Electronics System Design, Sales & Marketing, Projects & Customer Interface, After Sales Support

# Prestigious Customers



# Govt. Customers



Indian Ordnance Factories



Defence R&D Organisation



Bharat Electronics



ISRO



Goa Shipyard Limited



Mazagon Dock Limited



Hindustan Shipyard Limited



Garden Reach Shipbuilders & Engineers Ltd.



Cochin Shipyard Limited



BrahMos Aerospace Pvt. Ltd.



Bharat Dynamics Ltd.



Department of Atomic Energy



Electronics Corporation of India Ltd.



Society for Applied Microwave Electronics Engineering & Research



National Aerospace Laboratory



National Physical Laboratory of India



Indian Institute of Astrophysics



Hindustan Aeronautics Ltd.

# Private Customers



Godrej & Boyce Mfg. Co. Ltd.



Tata Power



Larsen & Toubro



Tata Consultancy Services



Alpha Design Technologies Pvt. Ltd.



Astra Rafael Comsys Pvt. Ltd.



Solar Industries India Ltd.



Premier Explosives Ltd.



Tonbo Imaging

# International Customers



Rafael Advanced Defense  
Systems Ltd.



Israel Aerospace Industries



Elbit Systems



Controp



Tae Young Optics Co. Ltd.



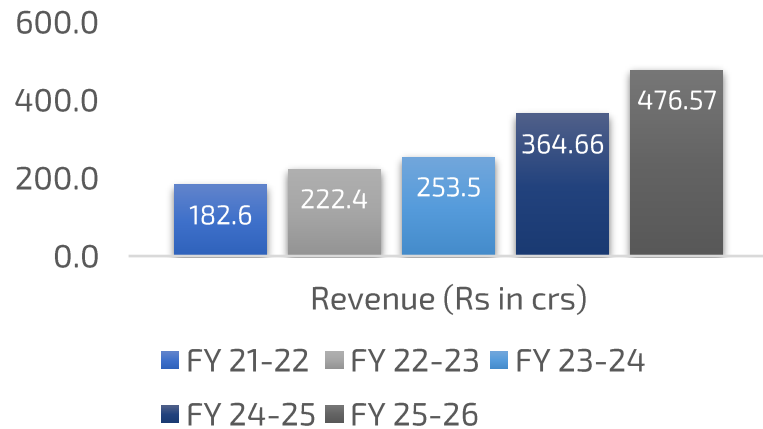
Chaban Group

# Financial Overview

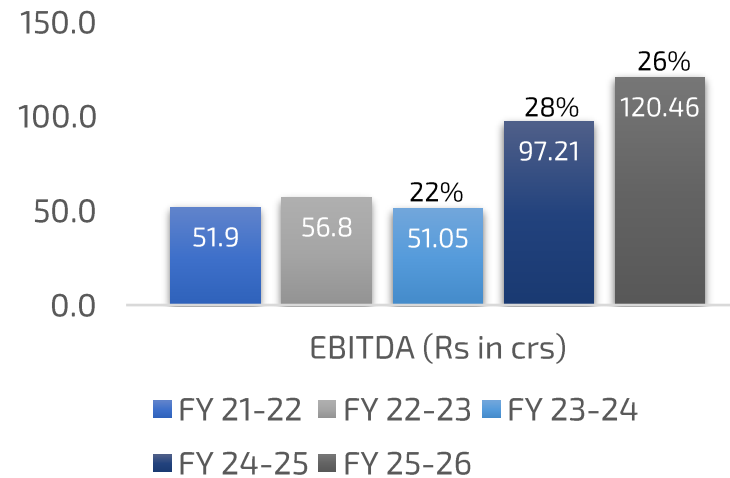


# Consolidated FY26 Financial Performance

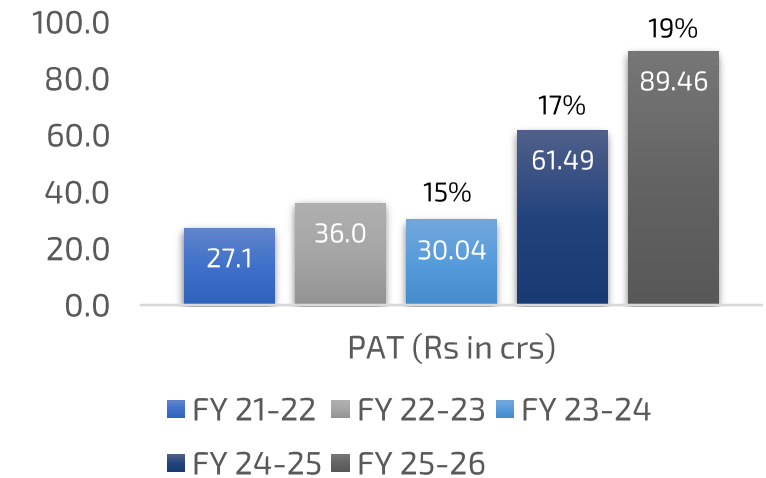
## Revenue from Operations



## EBITDA



## Profit after Tax

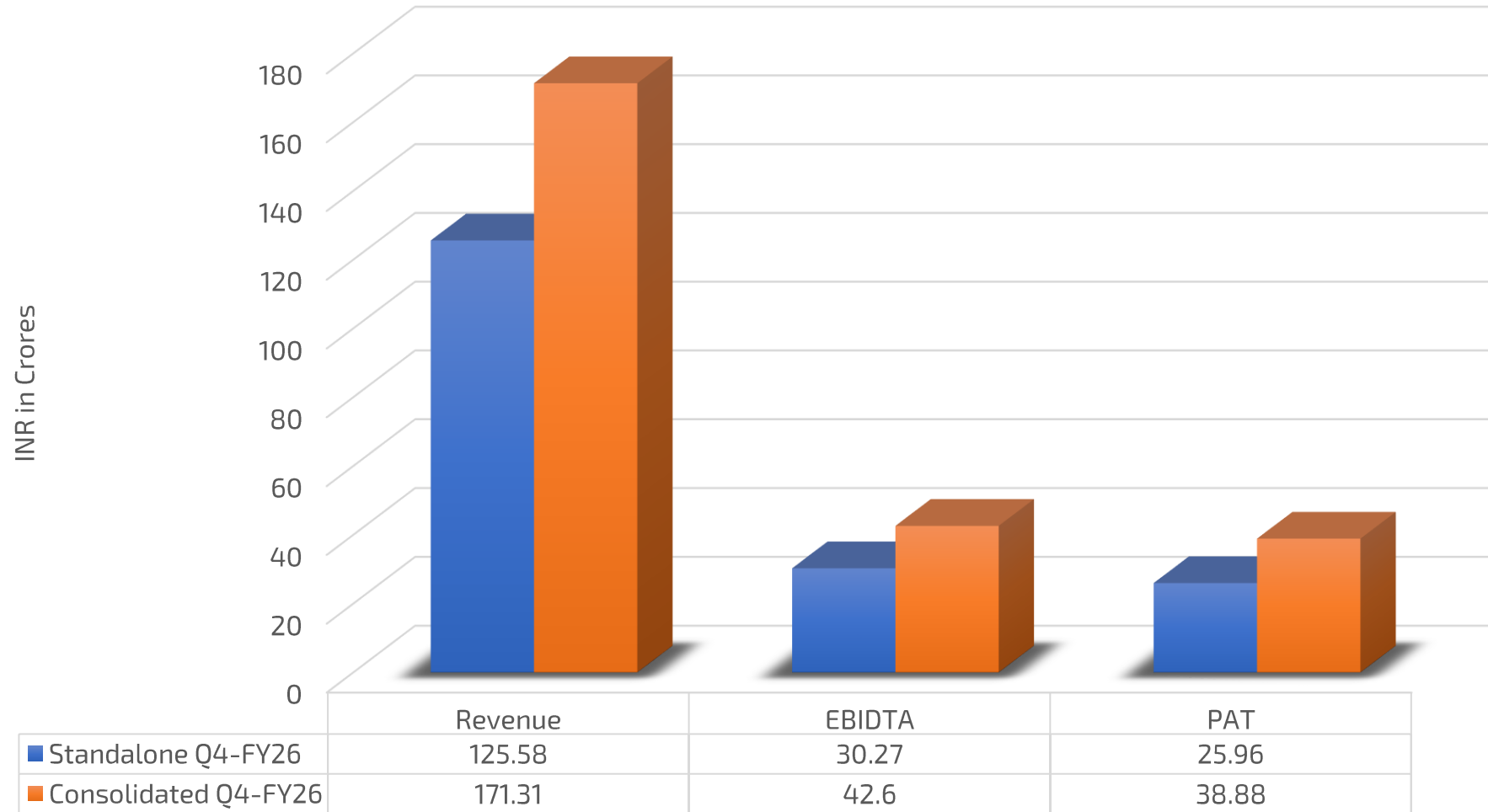


Guidance for FY27 & FY28:

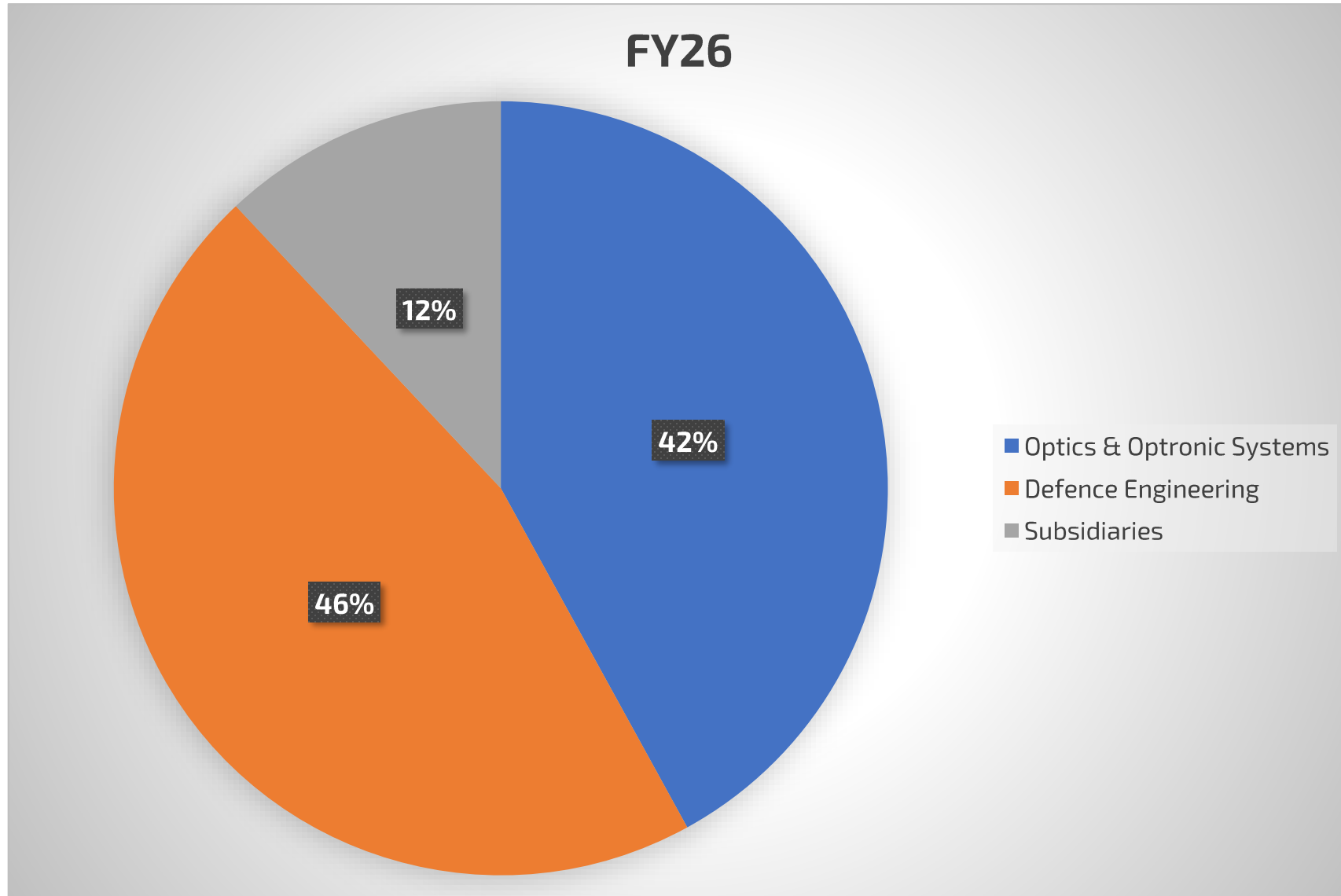
We aim to grow our revenues by 30 – 40 % and maintain or slightly better our profitability as compared to previous years.

# Q4-FY26 Financial Performance

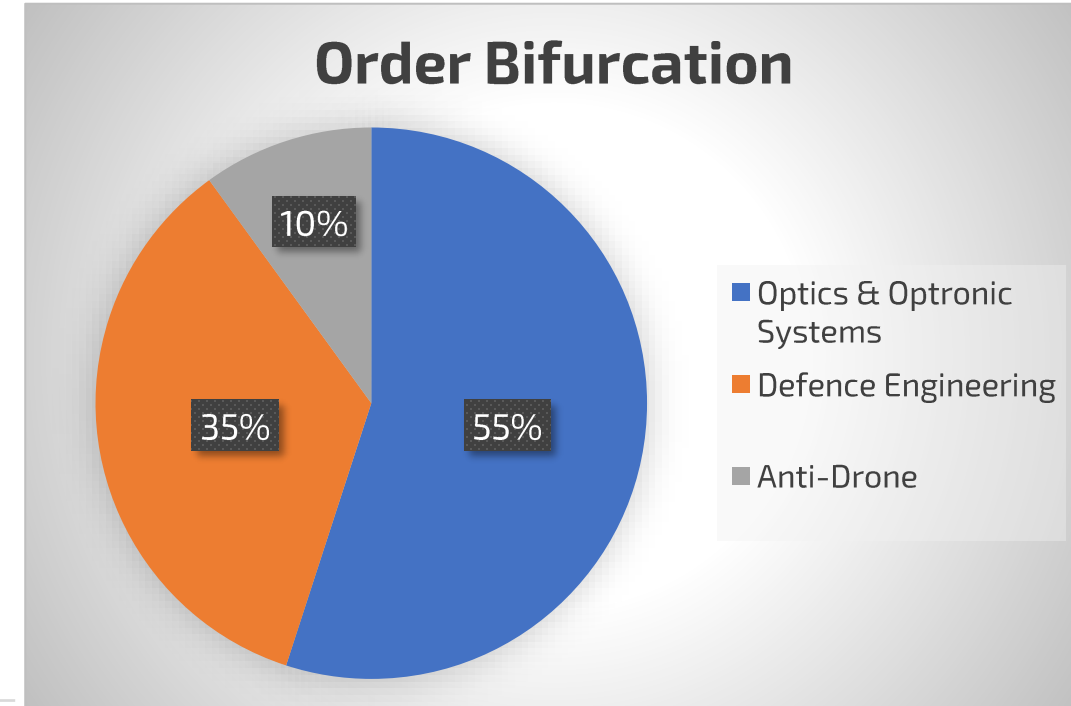
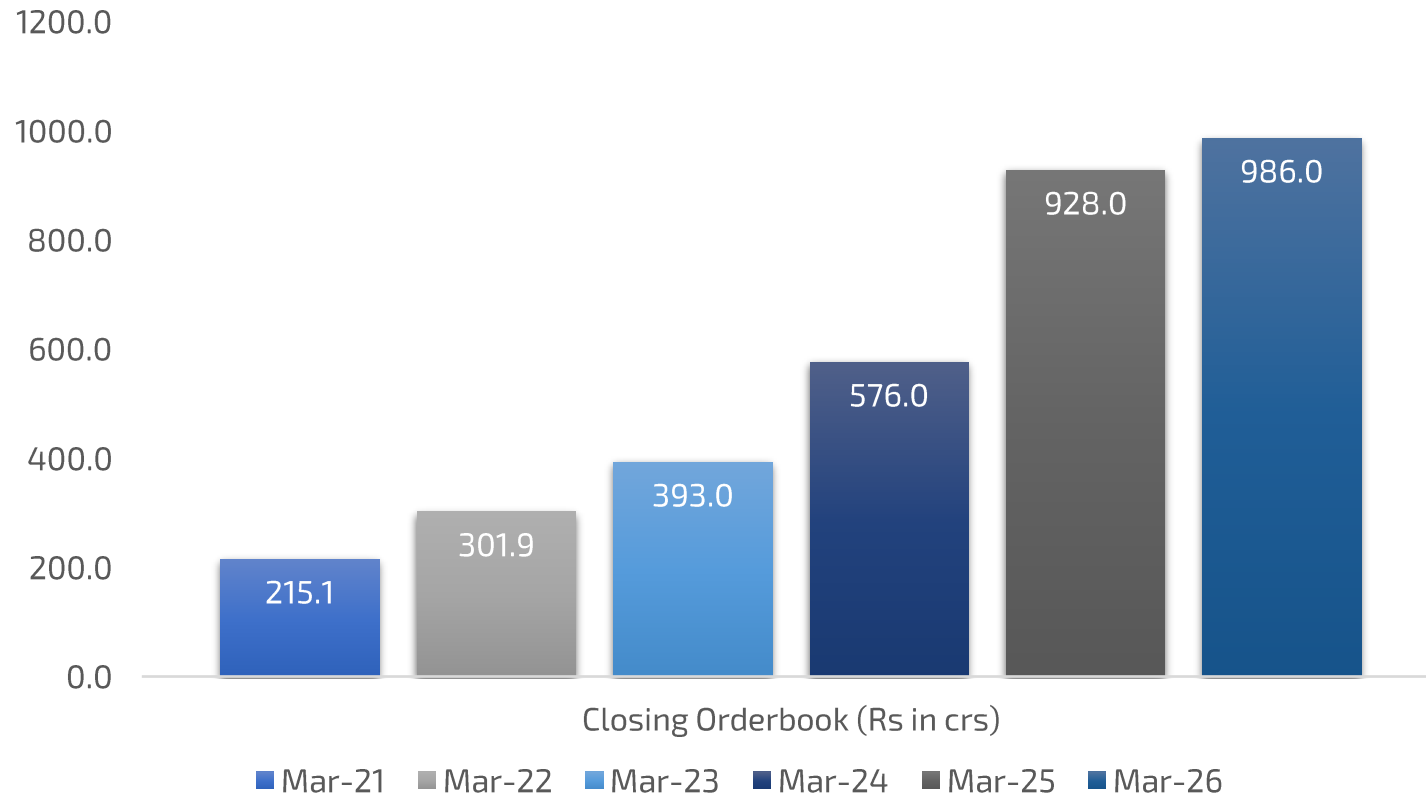
## Q4-FY26



# Consolidated Revenue Split



# Consolidated Order Book





**Social Vision**

## Empowered by Women

Paras has a very high percentage of Women team members and hence rather than Women Empowerment, we are empowered by Women

## Make A Difference

Paras Defence would like to positively make a difference to the social environment by offering employment.



## Nurturing for Bright Future

Paras offers opportunities to young talent and is always ready to give the 'Best in the Industry' career exposure to such young talent, which is the Bright Future of our Country.

## Make a Better Place

Paras Defence credits its success to its team and will strive to ensure conducive environment all its team members and social stake holders.



# Thank You

[www.parasdefence.com](http://www.parasdefence.com) | [business@parasdefence.com](mailto:business@parasdefence.com)

