



AVNL Institute of Learning, Medak 502 205



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**1.0 Preamble:**

AVNL Institute of Learning, Medak (AVNL IOLMK) vision is Organizational Development through Individual Development.

AVNL IOL Medak is working with a Mission to develop this Institute as Centre of Excellence in the area of **“Part Programming and CNC Technology”** and also aim at continues improvement of quality of the training and to continuously upgrade the facilities of training for achieving the highest level of satisfaction of participants.

**2.0 Introduction:**

AVNL IOL Medak is one of the 3 Training Institutes functioning under Armoured Vehicle Nigam Limited, Chennai, Tamil Nadu, A Govt. of India Enterprise, Ministry of Defence from 01-10-2021. AVNL IOLMK earlier known as RTI Medak was one of the 8 Regional Training Institutes established by erstwhile OFB during April 1996. It was renamed as Ordnance Factories Institute of Learning, Medak in September 2003. It has been pioneer Institute in the field of **“Part Programming and CNC Technology”** imparting Training from IEs to JWM level.





### 3.0 Location:

AVNL IOLMK is located in the premises of Ordnance Factory Medak Estate which is about 50 Kms from twin cities of Hyderabad-Secunderabad. It is well connected to the city by bus and train services.

Registered Office	Communication Address
Armoured Vehicles Nigam Limited HVF Road, Avadi, Chennai - 600 054 Phone No. 044-26383601, 044-26384784 e-mail: info@avnll.co.in website: avnl.co.in	AVNL Institute of Learning, Medak A Unit of Armoured Vehicles Nigam Limited, O.F. Estate, Yeddumailaram, Sangareddy Dist. Pin - 502 205, Telangana Phone No: 040-23283801 Fax No: 08455-237667 e-mail: ofilmedak-ap@nic.in

### 4.0 Training:

AVNL IOLMK endeavours to impart training on State-of-the-art Technology and Management courses.

#### a) Long term courses:

AVNL IOLMK has been conducting long term courses for direct recruit JWMS (12 weeks) and Induction and Refresher Courses for JWM (PROMOTEE) (06 weeks). The participants of these long term courses have been given intensive training various Administrative procedures, Material Management, Production Technology, Quality, PPC, IT etc.

#### b) Core-competency areas:

AVNL IOLMK has been identified by erstwhile OFB to develop as "Centre of Excellence" in the area of "Part



programming” and CNC Technology”. CNC Lab with SIEMENS AND FANUC SIMULATION SOFTWARE has been established. OFILMK was identified by erstwhile OFB to develop as “Centre of Excellence” in the area of “Part programming and CNC Technology”. Accordingly to reach the standards of CoE, Faculty of AVNL IOLMK was trained on latest SIEMENS AND FANUC CONTROLS and has been rendering FACULTY SERVICES to the employees of O.F.ORG. Presently AVNL IOLMK is having 16 licenses of Siemens SINUTRAIN 840D & FANUC NC GUIDE SIMULATION SOFTWARE to train the participants on Part programming.

- ✓ CNC Part Programming on Turning & Milling
- ✓ CNC Maintenance on Fanuc & Siemens Control systems
- ✓ Mechatronics
- ✓ SPC, SQC Techniques

As part of AVNL, AVNL IOLMK has been asked to renew its efforts for CoE in the area of “Part Programming and CNC Technology”. Accordingly it is proposed to acquire latest state of the art software of SIEMENS AND FANUC by the end of this financial year.

Also to that effect AVNL IOL Medak started organising workshops on CNC Part Programming Courses for ITI, Polytechnic & Engineering Students. It is our endeavour to conduct Training for Trainers courses for ITI instructors.



List of Training Courses attached Annexure-A.

Apart from conducting the regular core area courses, AVNL IOLMK is entrusted with the responsibility of designing and developing of the following specialized courses.

01. Marketing Including Imports, Branding.
02. Corporate Communications
03. R&D, AI & Industry 4.0

AVNL IOLMK has already designed and published conduction of these specialised courses with the aid of reputed Technical and Management Institutes in Hyderabad.

## 5.0 Manpower:

Present Manpower position at AVNL IOLMK is as below:

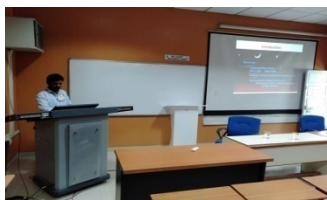
Sl. No	Designation	Strength
01.	GENERAL MANAGER	01
02.	ASST.WORKS MANAGERS	02
03.	JWM(SG)	07
04.	JWM(T)	05
05.	PA	01
06	JTO	01

## 6.0 Infrastructural facilities:

1. 04 classrooms are available with AC facility of 30 seating capacity each
2. 01 Conference hall with AC facility



Classroom-1 & 2 at Office complex



e-Classroom with Interactive panel (CNC Lab) & e-podium at Hostel complex

## 7.0 Skill Development:

In order to enhance the skills of ITI/Technical/Graduate apprentice of O.F. Medak, AVNL IOL Medak has been organizing exclusive training programmes on CNC Technology. And also propose to organize Master Training Programme for ITI Instructor with the assistance of RDAT Hyderabad.



## **8.0 MOUs:**

Each AVNL IOL shall seek to be recognised as reputed Training Institutes by signing MOUs for mutual collaboration with other reputed Institutes / Organizations for mutual collaboration, consultancy, research, and exchange of faculty etc., in the domain of Training and Development.

This Institute has signed MOU with following Institutes / Organizations.

- Signed MOU with Administrative Staff College of India (ASCI), Hyderabad.
- Signed MOU with M/s Narsee Monjee Institute of Management Studies (NMIMS), Hyderabad.
- Signed MOU with M/s National Informatics Centre (NIC), Hyderabad.

## **9.0 Faculty:**

Dedicated and experience faculty are rendering faculty services at AVNL IOL Medak.

Faculties of CNC Technology have been trained on Siemens and Fanuc System. OFMK faculties are also associated during the conduction of classes and Practical training.

AVNL IOLMK has identified/developed faculties (Internal and External) on almost all the topics required to be dealt for the Technical and Management courses conducted.



Details of faculties:

Sl. No.	Name of Personnel (S/Shri/Smt.)	Design.	Qualification
1.	Ashok Gupta	GM	01. M.Tech Industrial Management 02. B.E Mechanical Engineering
2.	Ch. Kali Prasad	AWM	M.S.C (Applied Electronics)
3.	D.V. Rao	AWM	Diploma in Electronics and Communication Engg.
4.	P.N. Rao	JWM (SG)	LME
5.	M. Yugender	JWM (SG)	B.E
6.	Javed Mohammed	JWM (SG)	B. Tech (Mechanical)
7.	S. Seetha Rama Rao	JWM (SG)	DME, BBA
8.	M. Sivakumar	JWM (SG)	M. Tech.
9.	Lelin Kumar Sendh	JWM (SG)	DME
10.	V. Gopinath	JWM (SG)	DME
11.	P. Srinivasa Rao	JWM	Diploma in Computer Engg.
12.	G. Sreedhar	JWM	DME
13.	M. Kishan Rao	JWM	B. Tech (Mechanical)
14.	P. Madhu	JWM	D.Met.E & AMIIM (DEGREE)
15.	Anand Prabhakar Mesa	JWM	B. Tech (Mechanical)
16.	S. Anuradha	JTO	M.COM, MBA (HINDI)



**10.0 Laboratory:**

- ❖ IT Lab : Fully equipped with AC having 30 seating capacity and teaching Aids.



**11.0 Library:**

AVNL IOLMK is having library facility having sufficient number of Technical Books. Reference Books are available and will be augmented as per the requirement. e-Library is being established.



**12.0 Auditorium:**

AVNL IOL Medak is having an auditorium seating capacity of 200 people.



**13.0 Lodging and Boarding:**

Sl. No	No. of rooms	No. of rooms	Capacity	Remarks
1.	New Building	14	42 (3 participants per room)	AC facility
2.	New Building	02	04 (2 per room)	Faculty Rooms
3.	Old Sheds	20	40 (2 participants per room)	Air cooler facility available

For the entertainment and development of participants lodged at AVNL IOLMK Hostel, various facilities of Indoor games/Outdoor games, Journals and News Papers in reading room are provided.

- ✓ A/C Mess hall is available.
- ✓ A/C Recreation Room with TV facility and Magazines facility.
- ✓ GYM facility is available.
- ✓ Washing Machine is provided.
- ✓ Internet Room is available with 4 PCs.

A healthy, peaceful and conducive environment to learning makes the participants stay at AVNL IOLMK comfortable, enjoyable and worthwhile.

## Hostel Premises



New Hostel building

Old Hostel building



Internet Room at Hostel



Volley Ball court



Shuttle court



Mess Hall



**14.0 In-house Journal:** In-house journal e-magazine in hindi named as “Akansha” is published quarterly.

**15.0 Certification:** AVNL IOL Medak is certified institute of “Quality Management System ISO 9001:2015”.

**16.0 Transformation Role:** After the formation of Armoured Vehicles Nigam Limited, the new Defence Company, its HR Directorate has carried out a visionary exercise to re-orient and transform the Institutes of Learning into premier training Institute in the country. The following transformational roles and goals have been devised and assigned to all the IOLs under AVNL.

**a) Centre of Excellence:** AVNL HR has envisioned that all AVNL IOLs shall develop into “Centre of Excellence”. AVNL IOL Medak has chosen the fields of CNC Technology and Part Programming to achieve the status of “Centre of Excellence”.

**b) Specialisation:** AVNL/HR has mandated this institute to conduct specialised, comprehensive certification courses for employees of AVNL and other newly formed DPSUs in the following area:

1. Marketing Including Imports, Branding.
2. Corporate Communications
3. R&D, AI & Industry 4.0
4. Other Core Technical courses

Above courses have been designed with the assistance of external eminent institutes.

### 17.0 Achievements and Awards:

Efforts in imparting effective training continuously to the participants of various courses with excellent infrastructure and hostel arrangements, this institute has been awarded as the Best OFIL during the year 2004-05, 2012 and 2015.

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महँगा है प्रशिक्षण, और अधिक महँगा है प्रशिक्षण न देना  
TRAINING IS COSTLY, NOT TO TRAIN IS COSTLIER

--पंडित जवाहरलाल नेहरू  
--PANDIT JAWAHARLAL NEHRU