

मध्य प्रदेश MADHYA PRADESH

BR 172088

MEMORANDUM OF UNDERSTANDING

FOR ESTABLISHING MSME TC (IGTR) – IET (DAVV) CENTRE OF EXCELLENCE IN SMART MANUFACTURING AT INSTITUTE OF ENGINEERING AND TECHNOLOGY (DAVV), TAKSHASHILA CAMPUS, KHANDWA ROAD, INDORE FOR CONDUCTING TRAINING PROGRAMME

BETWEEN  
MSME-TECHNOLOGY CENTRE (INDO-GERMAN TOOL ROOM), INDORE  
AND  
INSTITUTE OF ENGINEERING AND TECHNOLOGY (DAVV), INDORE

This MoU is made and executed at Indore on the Third day of September 2021 (with effect from Nineteenth November 2020) between MSME-Technology Centre (IGTR), Indore (Govt. of India Society) Ministry of MSME, 291/B-302/A, Sector 'E', Sanwer Road, Industrial Area, Indore – 452015 a Society Registered under Societies Registration Act 1861, hereinafter referred to as "IGTR-Indore" which expression shall mean and include its successors, assigns and legal representatives on one part.

AND

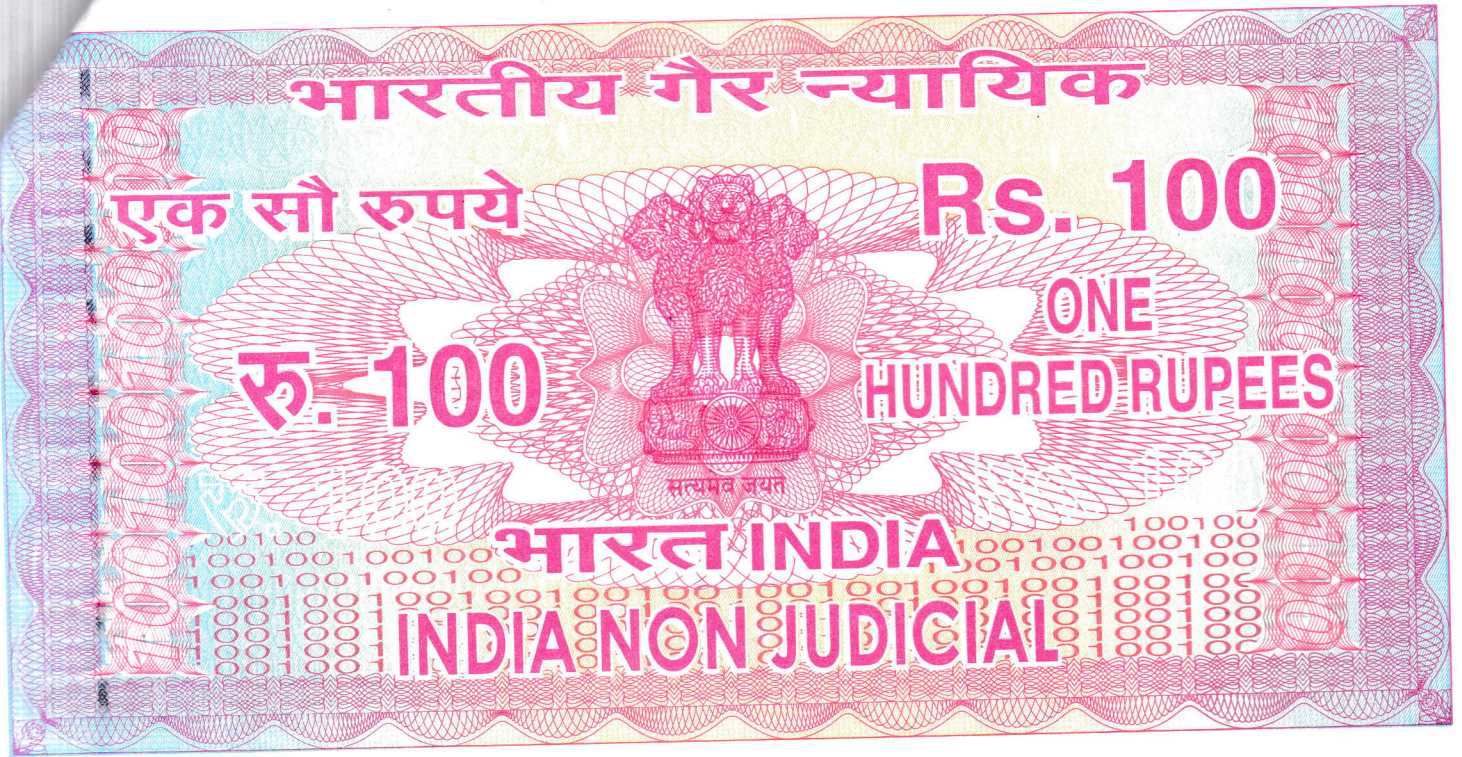
INSTITUTE OF ENGINEERING AND TECHNOLOGY (DAVV), INDORE hereafter referred as "IET (DAVV) INDORE" which expressions shall mean and include its successors and legal representatives on the second part.

Page 1 of 6

*S. V. S. S. S.*  
3-9-2021  
Director

Institute of Engineering & Technology  
Devi Ahilya Vishwavidyalaya  
INDORE

*mikal*  
General Manager Incharge  
MSME-TOOL ROOM  
(Indo-German Tool Room)  
Sanwer Road, INDORE



मध्य प्रदेश MADHYA PRADESH

BR 172089

**INSTITUTE OF ENGINEERING AND TECHNOLOGY (DAVV), INDORE** agreed to provide built up space in the campus of INSTITUTE OF ENGINEERING AND TECHNOLOGY (DAVV), TAKSHASHILA CAMPUS, DAVV, KHANDWA ROAD, INDORE at free of cost on long term basis to IGTR-Indore to set up CENTRE OF EXCELLENCE IN SMART MANUFACTURING in order to impart advance training to Degree and ITI/Diploma students in different Engineering streams as well as pass-out students of ITI/Polytechnic/Engineering Colleges, etc., Instructors/Lecturers/Professors in multi skill mode as per the current requirement of the Industries/Institutes along with other training activities."

And whereas IGTR-Indore has committed to set up training infrastructure in IET(DAVV), Indore at the IET(DAVV), Takshashila Campus, Khandwa Road, Indore.

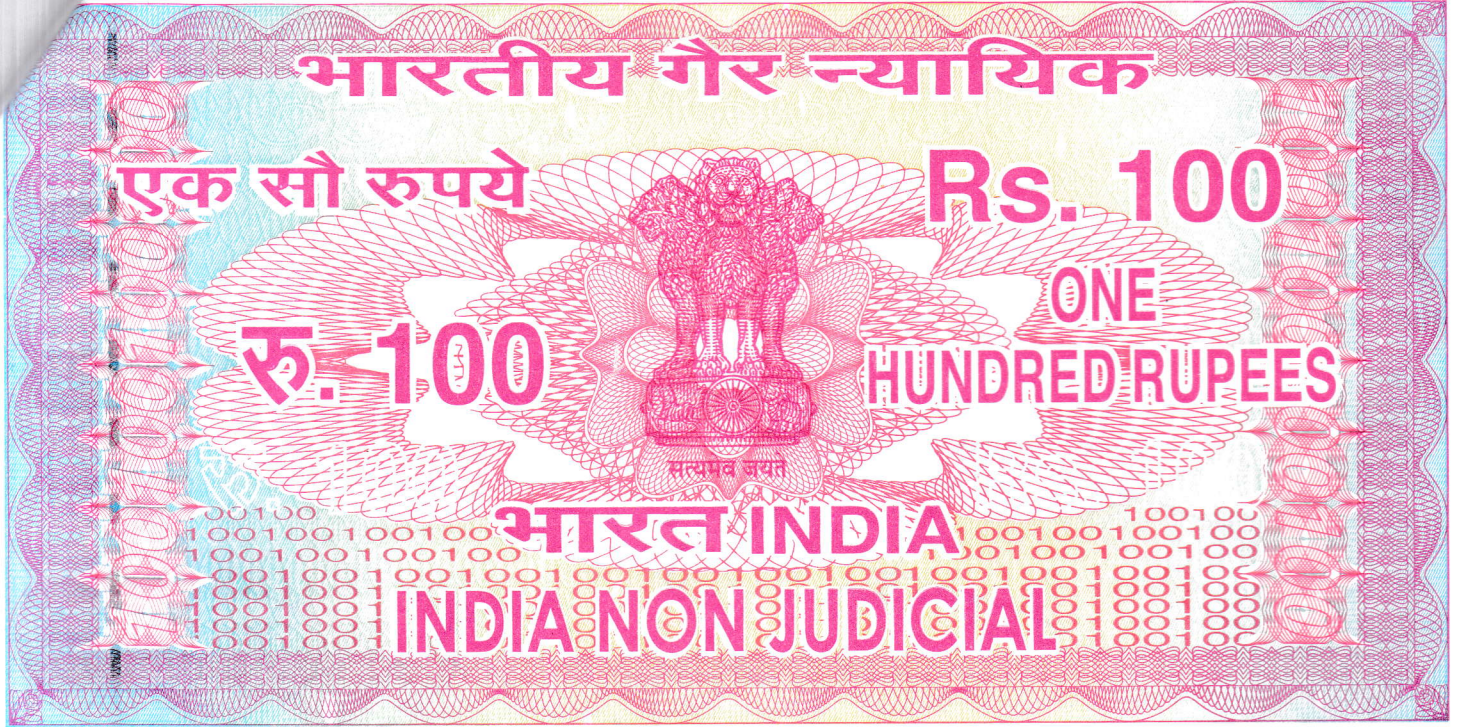
**PRIMARY OBJECTIVES :**

1. Conducting various Training programs for the students of Engineering Trades from Engineering Colleges/Polytechnics/ITIs & other Technical Institutes. To upgrade the skills and knowledge in CNC Technology, Tool & Die Making & CAD/CAM field as well in advance manufacturing technology.
2. Imparting quality education and training to the students.
3. Conducting Examinations and awarding of Training Certificates to the successful students.
4. To carry out other similar activity and provide services which increase skills, job opportunities, productivity to the students on mutual agreement.
5. IGTR, Indore has been setup with the expert of Germany and possesses the necessary infrastructure at Indore to carryout full-fledged Tool Room activities and regular short term courses on modern tool room activities including CAD/CAM.
6. Whereas to carry out the above objectives IET(DAVV), Indore proposal to handing over certain required building space in the campus of IET(DAVV), Indore to IGTR-Indore at free of cost for a period of 01 year with commencement of the course, which is renewable thereafter with terms and conditions.

Page 2 of 6

*S.V. Zaker*  
3-9-2021  
Director  
Institute of Engineering & Technology  
Devi Ahilya Vishwavidyalaya  
INDORE

*Mikal*  
General Manager Incharge  
MSME-TOOL ROOM  
(Indo-German Tool Room)  
Sanwer Road, INDORE



मध्य प्रदेश MADHYA PRADESH

BR 172090

**B) COURSE STRUCTURE AND FEES STRUCTURE**

1. IGTR Indore will design the course, its title and levy fees for courses to be conducted at the Training Centre. IGTR shall carry out modifications in the course structure, title and fee as per the developments in the industry and market demand in the best interest of the students/ MSMEs and industries. All activities will be carried out under the intimation/ instructions / guidance / approval of General Manager, MSME Technology Centre (IGTR), Indore.
2. On its part IGTR, Indore agrees to maintain high standard and update the course contents periodically to bring in new developments in the training / subject fields.
3. IGTR, Indore will appoint qualified faculties from their end as per the requirements and ensure the quality of training at the Centre.
4. IGTR, Indore will ensure the usage of licensed software at their end.
5. IGTR, Indore and IET (DAVV), Indore jointly can design and develop courses on the allied areas on mutual agreed terms.

**C) ADVERTISMENT IN NEWSPAPER AND OTHER MEDIA**

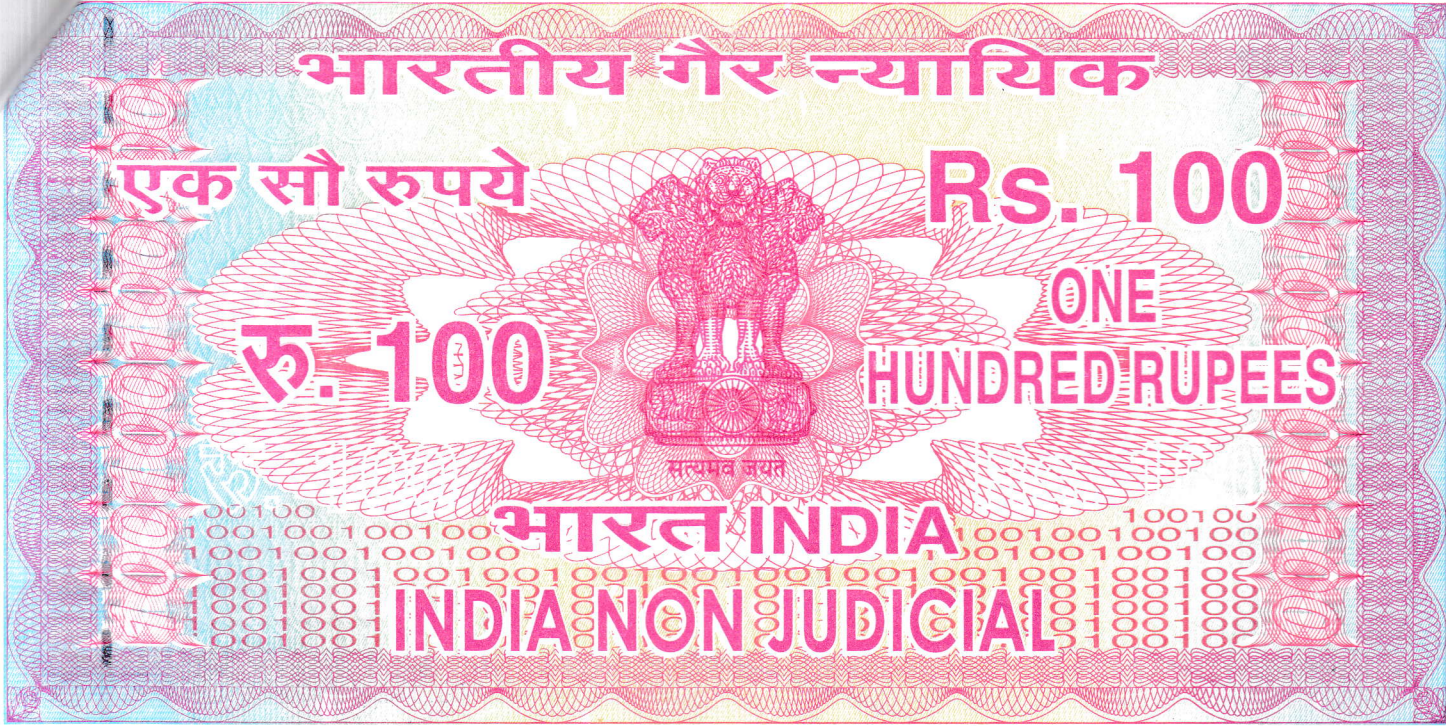
Marketing and advertisement etc. of the various training programs will be carried out by IGTR, Indore. However, IET (DAVV), Indore will provide full support and efforts to popularize the activities of **Centre of Excellence in Smart Manufacturing**.

*S. V. Jaisankar*  
3-9-2021

Director  
Institute of Engineering & Technology  
Devi Ahilya Vishwavidyalaya  
INDORE

Page 3 of 6

*mika*  
General Manager Incharge  
MSME-TOOL ROOM  
(Indo-German Tool Room)  
Sanwer Road, INDORE



मध्य प्रदेश MADHYA PRADESH

BR 172091

**D) EXAM AND CERTIFICATION**

1. IGTR, Indore shall set the question papers and conduct periodical examinations wherever needed to assess the performance of the students towards awarding training certificates.
2. The certificate shall be awarded to the students / trainees by the IGTR Indore after the successful completion of the course.

**E) IET (DAVV) on its part;**

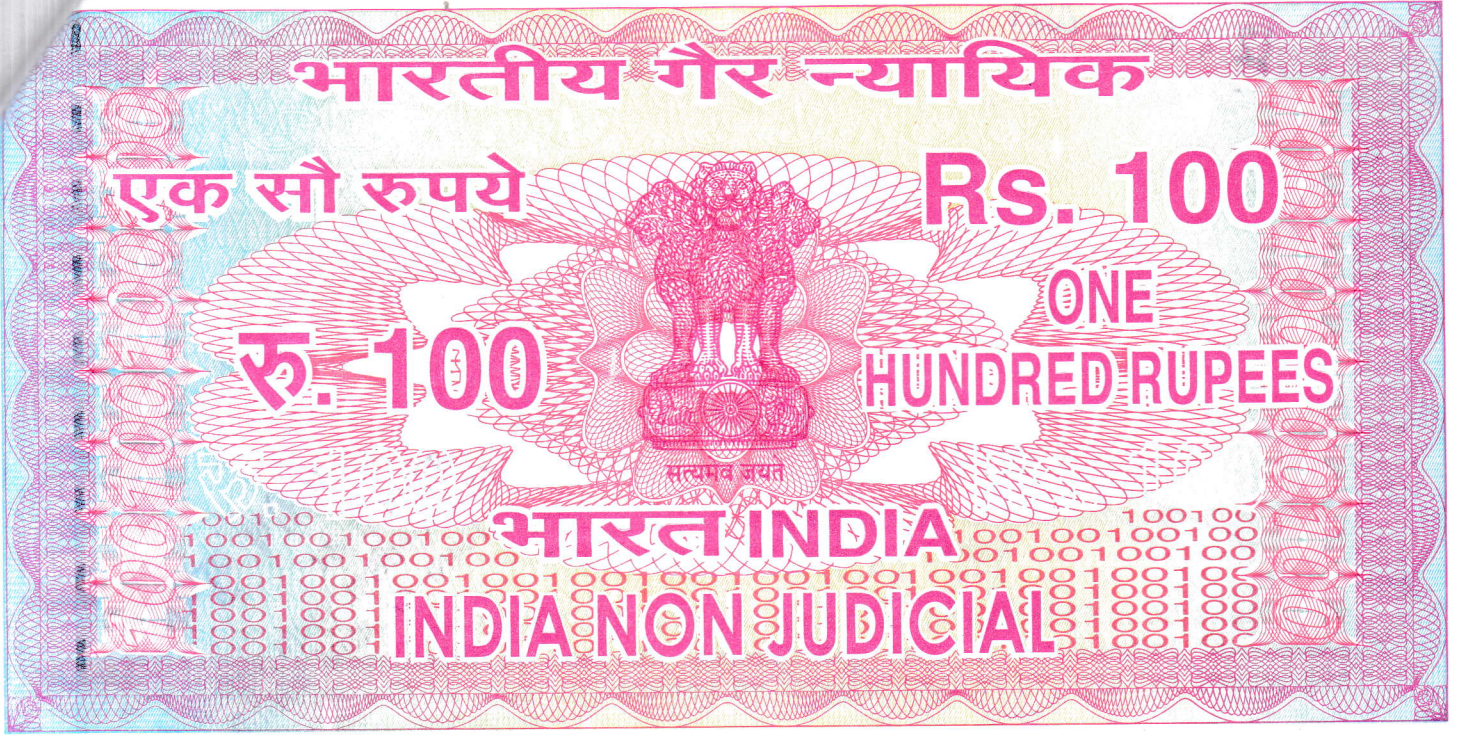
1. IET (DAVV), Indore agrees to hand over certain required building space of IET (DAVV), Indore at free of cost on long term basis.
2. Land and building measuring approximately 180.3 Sq. Meter in existing building (Layout Plan enclosed), which may be extended on mutual agreement, if required.

**F) IGTR ON ITS PART**

1. whereas IGTR-Indore has committed to set up training infrastructure in IET (DAVV) at Takshashila Campus, Khandwa Road, Indore for training programmes as per the requirement of the industries/institutes in order to provide the quality of training

*S.V. Zohelkar*  
**Director**  
Institute of Engineering & Technology  
Devi Ahilya Vishwavidyalaya  
INDORE

Page 4 of 6  
*mukul*  
General Manager Incharge  
MSME-TOOL ROOM  
(Indo-German Tool Room)  
Sanwer Road, INDORE



मध्य प्रदेश MADHYA PRADESH

BR 172092

2. That IGTR-Indore would impart training to Degree, Diploma & ITI students in different Engineering streams as well as pass-out students of ITI/Polytechnic/Engineering Colleges, etc, Instructors/Lecturers/Professors in multi skill mode as per the current requirement of the Industries/Institutes along with other training activities on chargeable basis as per their training schedules.
3. That IGTR-Indore agrees to create necessary infrastructure and equipments required for effectively imparting multi skill training and advance training programs for Diploma & Degree students in different Engineering streams as well as pass-out students of ITI/Polytechnic/Engineering Colleges, etc., Instructors/Lecturers/Professors in multi skill mode as per the current requirement of the Industries/Institutes along with other training activities.
4. All the teaching aids will be the responsibility of the **IGTR-Indore**.
5. Electricity consumption charges at the Centre as per actual will be paid by IGTR, Indore.
6. Shall provide all other related inputs including the course materials.
7. Maintenance of Training Aids, Software and Machinery.
8. IGTR, Indore will provide free of cost training to all SC/ST candidates and 50% discount for OBC/General Category students on course fee to Scholars of IET (DAVV) only, for all regular courses conducted at the Centre of Excellence in Smart Manufacturing.
9. IGTR will provide/project work (practical training) for graduate, post graduate, Ph.D. Courses conducted by IET (DAVV) at free of cost.

Page 5 of 6

S. V. Zambekar  
3-9-21

Director  
Institute of Engineering & Technology  
Devi Ahilya Vishwavidyalaya  
INDORE

*mihal*  
General Manager Incharge  
MSME-TOOL ROOM  
(Indo-German Tool Room)  
Sanwer Road, INDORE

G) GENERAL

1. IGTR agrees to comply with corrective measures and action plan as and when suggested by monitoring committee with the approval of the General Manager IGTR Indore, from time to time.
2. IGTR is ultimately responsible for marketing the course, collection of student's fee and administrative aspects of conducting the course.
3. Both IGTR and IET (DAVV) agree that the terms and conditions in the agreements are confidential and will not be disclosed to any other third party.
4. The MoU is initially for IET (DAVV), Indore and can be extended in other areas on mutual agreement of both the parties. The fees of Department Sponsored Programs will be mutually decided by Director/HoD of IET (DAVV), Indore and General Manager, IGTR.
5. In case of any differences during the course of consultation with either of the parties on any subject or any matter referred in the MOU, the same would be mutually sorted out and amicably settled considering the interest of organizations and students/trainees. However, in case of any disagreement on any issue, orders of Additional Secretary and Development Commissioner, AS&DC (MSME), Ministry of MSME, Govt. of India would be binding on both the parties.

H) VALIDITY OF THE MoU

1. This MoU unless extended further by mutual written agreement between the parties, shall expire/cease to be valid in 02 year after the effective date as specified. If either party decided to terminate the MoU, 1 Month's written notice period is to be given.

*mukul*  
General Manager  
MSME Technology Centre  
(IGTR), Indore

General Manager Incharge  
MSME-TOOL ROOM  
(Indo-German Tool Room)  
Sanwer Road, INDORE

*S.V. Zaverkar*  
Director 3-9-2024  
IET (DAVV)  
Indore  
Director  
Institute of Engineering & Technology  
Devi Ahilya Vishwavidyalaya  
INDORE

Witness :

*Francis William Baskar Dikroos*

Francis William Baskar Dikroos

Sr. Engineer (Trg.)

MSME, Technology Centre,  
(IGTR), Indore

*Dr. Shresh Tawari*  
(Dr. Shresh Tawari)

**LIST OF MACHINERIES PROPOSED TO BE INSTALLED AT MSME TC  
(IGTR)- IET (DAVV) CENTRE OF EXCELLENCE  
IN SMART MANUFACTURING**

S.No.	DESCRIPTION OF FACILITY	QTY	COST IN LAKHS OF RS.
1.	CNC HORIZONTAL MACHINING CENTRE	02	46
2.	CNC VERTICAL MACHINING CENTRE	02	50
3.	CNC EDM WIRECUT	01	45
4.	CNC EDM SPARK ERROSION	01	30
5.	CNC 3D METAL PRINTER	01	10
6.	CNC 3D POLYMER PRINTER	01	05
7.	CNC WATERJET CUTTING	01	10
8.	CNC SIMULATOR LAB (30 SEATS)	30	45
9.	CAD LAB (50 SEATS)	50	110
10.	OFFICE EQUIPMENTS	-	07
11.	TRAINING & W/S ACCESSORIES	-	22
<b>TOTAL</b>			<b>380</b>

*F.W.B. Dikroos*

F.W.B. Dikroos

Sr. Engineer (Trg.)

Indo-German Tool Room, Indore

*Mural*

General Manager Incharge  
MSME-TOOL ROOM  
(Indo-German Tool Room)  
Sanwer Road, INDORE

AT MAIN BRANCH OF IGTR & EXTENSION CENTRE AT INDORE & JABALPUR

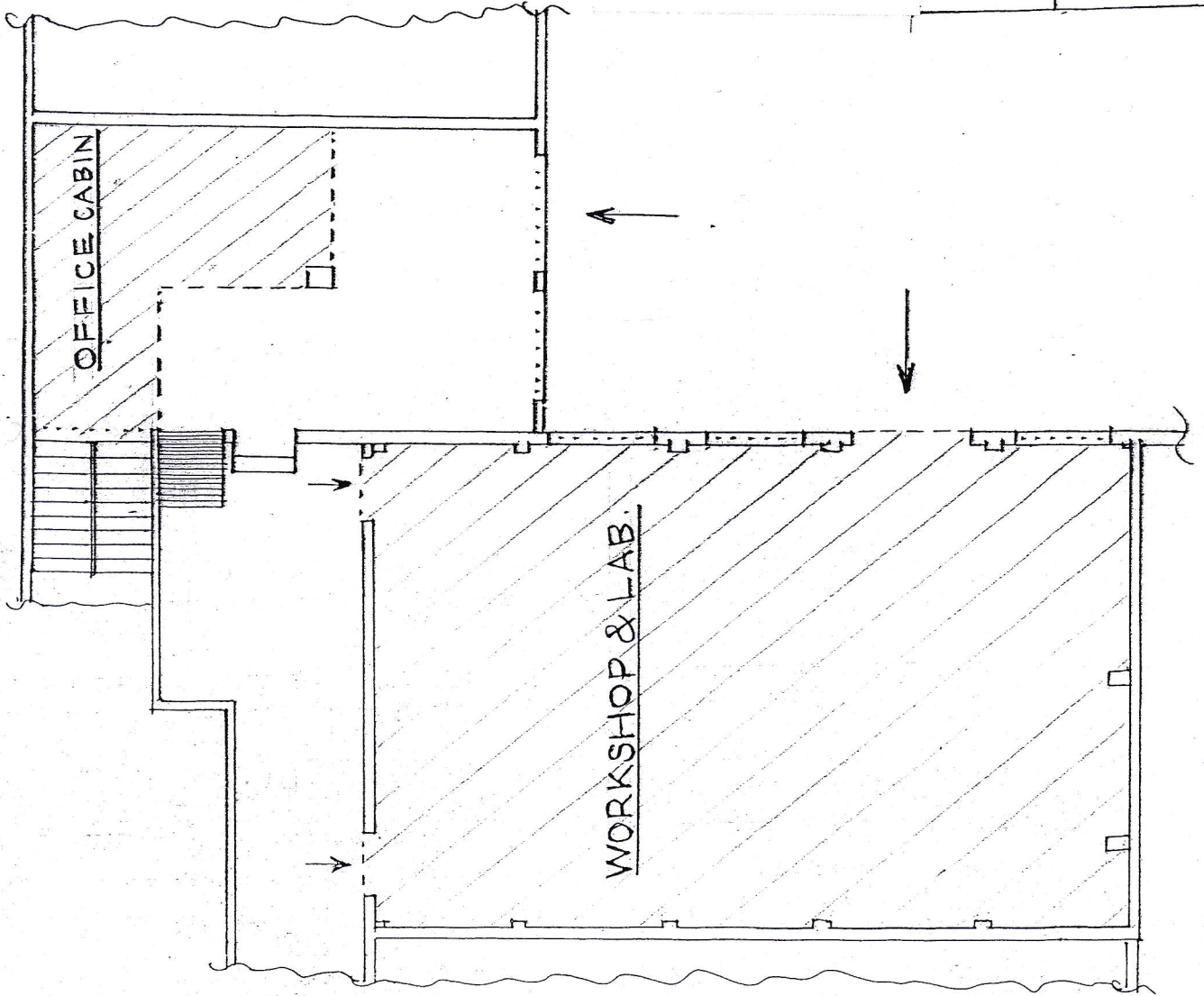
SHORT TERM TRAINING PROGRAMME		2021-2022															
S. NO.	COURSE	QUALIFICATION	DURATION (96 Hours)	SPONSORED BY SSI & INDIVIDUALS	SPONSORED BY ISI & GOVT.	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR
SHORT TERM TRAINING PROGRAMME																	
First Monday of Every Month																	
1	Computer Hardware & Networking		2 weeks	6000/-	8000/-												
2	Master CAM		3 weeks	6000/-	8000/-	5-24	3-22	7-26	5-24	2-21	6-25	4-23	8-27	6-24	3-22	7-26	7-26
3	Solid Works		3 weeks	6000/-	8000/-	5-24	3-22	7-26	5-24	2-21	6-25	4-23	8-27	6-24	3-22	7-26	7-26
4	Pro-E		3 weeks	10000/-	15000/-	12-1	3-22	7-26	5-24	2-21	6-25	4-23	8-27	6-24	3-22	7-26	7-26
5	Unigraphics		3 weeks	12000/-	18000/-	19-8		21-10		23-11			25-13	15-4	10-29	7-26	7-26
6	Catia		3 weeks	12000/-	18000/-	19-8		21-10		23-11			25-13	15-4	10-29	7-26	7-26
7	CNC Programming Lathe		2 weeks	6000/-	8000/-	5-17	3-15	7-19	5-17	2-14	6-18	4-16	8-20	6-18	3-15	7-19	7-19
8	CNC Programming Milling		2 weeks	6000/-	8000/-	5-17	3-15	7-19	5-17	2-14	6-18	4-16	8-20	6-18	3-15	7-19	7-19
9	CNC Machining Lathe		2 weeks	6000/-	8000/-	5-17	3-15	7-19	5-17	2-14	6-18	4-16	8-20	6-18	3-15	7-19	7-19
10	CNC Machining Milling		2 weeks	6000/-	8000/-	5-17	3-15	7-19	5-17	2-14	6-18	4-16	8-20	6-18	3-15	7-19	7-19
11	Auto CAD		2 weeks	3000/-	4500/-	19-1	3-15	7-19	5-17	2-14	6-18	4-16	8-20	6-18	3-15	7-19	7-19
12	Ansys		2 weeks	9000/-	12000/-	12-24			12-24			11-23			10-22		
13	Auto CAD Electrical		2 weeks	3000/-	4500/-	5-17	3-15	7-19	5-17	2-14	6-18	4-16	8-20	6-18	3-15	7-19	7-19
14	PLC Programming		4 weeks	8000/-	10000/-	26-22		7-3	5-31	2-28	6-1	4-30	1-27	6-1	3-29	31	28-26
15	SCADA		4 weeks	8000/-	10000/-	5-1	3-29	7-3	5-31	2-28	6-1	4-30	1-27	6-1	3-29	31	28-26
16	VLSI		4 weeks	8000/-	10000/-	5-1	3-29	7-3	5-31	2-28	6-1	4-30	1-27	6-1	3-29	31	28-26
17	Embedded System		4 weeks	8000/-	10000/-	5-1	3-29	7-3	5-31	2-28	6-1	4-30	1-27	6-1	3-29	31	28-26
18	REVIT		3 weeks	8000/-	10000/-	12-1	10-29	7-26	12-31	9-28	13-1	4-23	8-27	13-1	3-22	7-26	7-26
19	3D MAX		3 weeks	8000/-	10000/-	26-8	10-29	7-26	12-31	9-28	13-1	4-23	8-27	13-1	3-22	7-26	7-26
20	Stadd Pro		2 weeks	6000/-	8000/-		17-29	14-26		16-28	20-1		15-27	20-1		14-26	14-26
21	JAVA		2 weeks	2500/-	3500/-	12-24	3-15	7-19	5-17	2-14	6-18	4-16	8-20	6-18	3-15	7-19	7-19
22	DEL CAM		3 weeks	6000/-	8000/-	5-24	3-22	7-26	5-24	2-21	6-25	4-23	8-27	6-24	3-22	7-26	7-26

**Mika**  
 General Manager Incharge  
 MSME-TOOL ROOM  
 (Indo-German Tool Room)  
 Sanwer Road, INDORE





PORTION OF 'M' BLOCK IET DAVV




HATCHED AREA : TO UTILISE FOR  
OFFICE CABIN : 028.30 SQ.MT.  
W/S & LAB : 152.00 SQ.MT.  
TOTAL AREA : 180.30 SQ.MT.

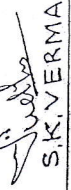
*mkv*  
General Manager Incharge  
MSME-TOOL ROOM  
(Indo-German Tool Room)  
Sanwer Road, INDORE

MSME TC (IGTR) - IET DAVV  
CENTRE OF EXCELLENCE  
IN SMART MANUFACTURING

PROPOSAL PLAN      N.T.S.

  
**S. K. VERMA**  
Senior Engineer

Indo-German Tool Room, INDORE

  
S.K. VERMA