



ಕರ್ನಾಟಕ ಸರ್ಕಾರ  
ಕಾಲೇಜು ಶಿಕ್ಷಣ ಇಲಾಖೆ

○

ಕಾಲೇಜು ಶಿಕ್ಷಣ ಆಯುಕ್ತರ ಕಛೇರಿ,  
ಶೇಷಾದ್ರಿ ರಸ್ತೆ, ಬೆಂಗಳೂರು - 560 001  
ದಿನಾಂಕ:11.01.2023

ಸಂಖ್ಯೆ:ಕಾಶಿಇ/ಶೈವಿ/04/ಸುತ್ತೋಲೆ/2022-23

ಸುತ್ತೋಲೆ

- ವಿಷಯ:** ಕೌಶಲ್ಯಾಭಿವೃದ್ಧಿ, ಉದ್ಯಮಶೀಲತೆ ಮತ್ತು ಜೀವನೋಪಾಯ ಇಲಾಖೆಯಡಿಯಲ್ಲಿ ಬರುವ ಸಂಸ್ಥೆಗಳಲ್ಲಿ Maker Lab ಸೌಲಭ್ಯದ ಕುರಿತು.
- ಉಲ್ಲೇಖ:** ವ್ಯವಸ್ಥಾಪಕ ನಿರ್ದೇಶಕರು, ಸರ್ಕಾರಿ ಉಪಕರಣಾಗಾರ ಮತ್ತು ತರಬೇತಿ ಕೇಂದ್ರ, ಬೆಂಗಳೂರು, ರವರ ಪತ್ರ ಸಂಖ್ಯೆ: ಜಿಟಿಟಿಪಿ/ವ್ಯ.ನಿ.ಕ/ಮೇಕರ್ ಲ್ಯಾಬ್/2022-23 ದಿನಾಂಕ:07.12.2022.

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ಮೇಲ್ಕಂಡ ವಿಷಯಕ್ಕೆ ಸಂಬಂಧಿಸಿದಂತೆ, ಕರ್ನಾಟಕ ಕೌಶಲ್ಯ ಕಾರ್ಯಪಡೆಯ ವರದಿಯಲ್ಲಿ ಪ್ರತಿ ಜಿಲ್ಲೆಯಲ್ಲಿ ಒಂದು ತಾಂತ್ರಿಕ ಶಿಕ್ಷಣ ಕೇಂದ್ರವನ್ನು Startup Incubation ಗಾಗಿ ನೋಡಲ್ ಕೇಂದ್ರವನ್ನು ನೇಮಿಸಿ Hub & Spoke, ಮಾದರಿಯಲ್ಲಿ ಉಳಿದ ಕೇಂದ್ರಗಳು ನೋಡಲ್ ಕೇಂದ್ರದ ಸೌಲಭ್ಯಗಳನ್ನು ಬಳಸಿಕೊಳ್ಳುವ ಕುರಿತು ಜಿಟಿಟಿಪಿ ಮತ್ತು ಕೆಜಿಟಿಟಿಪಿ ಕೇಂದ್ರಗಳಲ್ಲಿ ಲಭ್ಯವಿರುವ Maker Lab ವಿವರವನ್ನು ಅನುಬಂಧ-1 (ಜಿಟಿಟಿಪಿ) ಮತ್ತು ಅನುಬಂಧ-2(ಕೆಜಿಟಿಟಿಪಿ) ರಲ್ಲಿ ಲಗತ್ತಿಸಿದ್ದು, ಪದವಿ ಕಾಲೇಜುಗಳ ವಿದ್ಯಾರ್ಥಿಗಳು ಇದರ ಸೌಲಭ್ಯವನ್ನು ಬಳಸಿಕೊಳ್ಳಬಹುದೆಂದು ತಿಳಿಸಿರುತ್ತಾರೆ.

ತತ್ಸಂಬಂಧವಾಗಿ ರಾಜ್ಯದ ಎಲ್ಲಾ ಸರ್ಕಾರಿ ಹಾಗೂ ಖಾಸಗಿ ಅನುದಾನಿತ ಕಾಲೇಜುಗಳಲ್ಲಿನ ವಿದ್ಯಾರ್ಥಿಗಳು ಈ ಸುತ್ತೋಲೆಯೊಂದಿಗೆ ಲಗತ್ತಿಸಿರುವ ಅನುಬಂಧದಲ್ಲಿ ನಮೂದಿಸಲಾಗಿರುವ ಸೌಲಭ್ಯಗಳನ್ನು ತಮ್ಮ Startup Incubation ಗಾಗಿ ಬಳಸಿಕೊಳ್ಳಲು, ಕಾಲೇಜಿನ ಸೂಚನಾ ಫಲಕದಲ್ಲಿ ಪ್ರಕಟಿಸಿ ವಿದ್ಯಾರ್ಥಿಗಳು ಇದರ ಸದುಪಯೋಗ ಪಡಿಸಿಕೊಳ್ಳಲು ಸಹಕರಿಸುವಂತೆ ಸೂಚಿಸಲಾಗಿದೆ.

ಅಡಕ: ಅನುಬಂಧ

ಶಿಕ್ಷಣ ಕಾಲೇಜು ಶಿಕ್ಷಣ ನಿರ್ದೇಶಕರು

ಇವರಿಗೆ: - ಮಾಹಿತಿ ಹಾಗೂ ಅಗತ್ಯ ಕ್ರಮಕ್ಕಾಗಿ

1. ರಾಜ್ಯದ ಎಲ್ಲಾ ಸರ್ಕಾರಿ ಹಾಗೂ ಖಾಸಗಿ ಅನುದಾನಿತ ಕಾಲೇಜುಗಳ ಪ್ರಾಂಶುಪಾಲರುಗಳಿಗೆ.
2. ಪ್ರಾದೇಶಿಕ ಜಂಟಿ ನಿರ್ದೇಶಕರು, ಕಾಲೇಜು ಶಿಕ್ಷಣ ಇಲಾಖೆ, ಪ್ರಾದೇಶಿಕ ಕಛೇರಿ, ಬೆಂಗಳೂರು, ಮೈಸೂರು, ಶಿವಮೊಗ್ಗ, ಮಂಗಳೂರು, ಧಾರವಾಡ ಮತ್ತು ಕಲಬುರಗಿ.
3. ಮಾಹಿತಿ ತಂತ್ರಜ್ಞಾನ ಅಧಿಕಾರಿಗಳು, ಮಾಹಿತಿ ತಂತ್ರಜ್ಞಾನ ವಿಭಾಗ, ಕೇಂದ್ರ ಕಛೇರಿ, ಬೆಂಗಳೂರು - ಇಲಾಖಾ ವೆಬ್‌ಸೈಟ್‌ನಲ್ಲಿ ಪ್ರಕಟಿಸಲು ತಿಳಿಸಲಾಗಿದೆ.

ಪ್ರತಿಯನ್ನು:

1. ವ್ಯವಸ್ಥಾಪಕ ನಿರ್ದೇಶಕರು, ಸರ್ಕಾರಿ ಉಪಕರಣಾಗಾರ ಮತ್ತು ತರಬೇತಿ ಕೇಂದ್ರ, ರಾಜಾಜಿನಗರ ಕೈಗಾರಿಕ ಪ್ರದೇಶ, ಬೆಂಗಳೂರು-560 010.
2. ಕಛೇರಿ ಪ್ರತಿ.





**LIST OF FACILITIES AVAILABLE AT VARIOUS GTTC CENTRES, WHICH MAY BE UTILISED AS MAKER LAB BY NAIN CENTRES, COMMON INSTRUMENTATION FACILITIES AND GOVT. SPONSERED STARTUPS**

SL NO	NAME OF THE GTTC, ADDRESS & CONTACT DETAILS	BRANCH	FACILITIES AVAILABLE	SOFTWARE
1	MYSURU, BENGALURU, DANDELI AND KALABURAGI	MECHNICAL, AUTOMOBILE, MECHATRONICS	CNC TURNING MACHINE	SINUMERIC 828D, 2 AXIS - 8 STATION TURRET
2		MECHNICAL, AUTOMOBILE, MECHATRONICS	CMC MILLING MACHINE	SINUMERIC 828D, AUTOMATIC TOOL CHANGER
3		MECHNICAL, AUTOMOBILE, MECHATRONICS	CAD LAB	UG NX CAD SOFTWARE
4		ELECTRICAL, ELECTRONICS, MECHATRONICS, INSTRUMENTATION	PLC, SCADA, HMI	SIMENS S71200 WITH K7P700, USING TIA PORTAL V14/V15
5		MECHNICAL, AUTOMOBILE, MECHATRONICS	CMM	ZEISS DURAMAX, CALYPSO 5.4 CMM SOFTWARE
6		MECHNICAL, AUTOMOBILE, MECHATRONICS	PROFILE PROJECTOR	DYNASCAN PH400
7		MECHNICAL, AUTOMOBILE, MECHATRONICS	TOOL MAKER MICROSCOPE	
8		MECHNICAL, AUTOMOBILE, MECHATRONICS	LINEAR & ANGULAR MEASUREMENTS	
9		MECHNICAL	PROCESS INSTRUMENTATION LAB	MAGNETIC FLOW METER
10				MASS FLOW METER
11				ULTRASONIC FLOW METER
12				ULTRASONIC LEVEL TRANSMITTER
13				ABSOLUTE PRESSURE TRANSMETER
14				RADAR LEVEL TRANSMETER
15				TEMPERATURE TRANSMETER
16				SIMATIC PCS7 AND PDM V8.2/9.0
17		MECHNICAL, AUTOMOBILE, MECHATRONICS	RPT -3D PRINTING	STRATASYS FORTUS 380MC, BUIDL MATERIAL ABS M30, ASA, PC10 AND FDM, INSIGHT 11.2 SOFTWARE, CONTROL CENTRE 11.2, NX DESIGN
18		ELECTRICAL, ELECTRONICS, MECHATRONICS, INSTRUMENTATION	IOT	DATONIS PLATFORM, RASPBERRY PI
19		MECHNICAL, AUTOMOBILE, MECHATRONICS	INDUSTRIAL ROBOT: PICK AND PLACE	KUKA MACHINE WITH ROBCAD SOFTWARES
20			INDUSTRIAL ROBOT: MIG WELDING	KUKA MACHINE WITH ROBCAD SOFTWARES



**LIST OF FACILITIES AVAILABLE AT VARIOUS GTTC CENTRES, WHICH MAY BE UTILISED AS MAKER LABS BY NAIN CENTRES, COMMON INSTRUMENTATION FACILITIES AND GOVT. SPONSERED STARTUPS**

SL NO	NAME OF THE GTTC, ADDRESS & CONTACT DETAILS	BRANCH	FACILITIES AVAILABLE	SOFTWARE
21	MYSURU, BENGALURU, DANDELI AND KALABURAGI	MECHANICAL, AUTOMOBILE, MECHATRONICS	INDUSTRIAL ROBOT: SPOT WELDING	KUKA MACHINE WITH ROBCAD SOFTWARES
22			INDUSTRIAL ROBOT: TIG WELDING	KUKA MACHINE WITH ROBCAD SOFTWARES
23			INDUSTRIAL ROBOT: PLASMA WELDING	KUKA MACHINE WITH ROBCAD SOFTWARES
24		MECHANICAL, AUTOMOBILE, MECHATRONICS, CIVIL, ELECTRICAL	RENEWABLE ENERGY LAB	FESTO SOLAR AND WIND, SOLAR PANEL AND WIND TURBINE
25		MECHANICAL, AUTOMOBILE, MECHATRONICS	Noise Measurement & Analysis	NX CAD • LMS Imagine.lab Amesim
26				• Hydraulic System Simulation
	• Pneumatic Simulation			
	• Thermal Simulation			
	• Mechanisms creation			
	Vibration Measurement & Analysis	NX CAD • Introduction to Signature Testing		
• Typical measurement setup-				
• Instrumentation				
• Digital Signal Processing				
• Measurement				
• Signature Throughput Processing				
• Reporting				
27	PTC : TUMAKURU, HUBBALLI, BELAGAVI, HARIHAR, SHIVAMOGGA, MANGALURU, HASSAN	MECHANICAL, AUTOMOBILE, MECHATRONICS	PRODUCT DESIGN AND DEVELOPMENT	CAD AND PLM WITH CREO AND WINDCHILL
28		MECHANICAL, AUTOMOBILE, MECHATRONICS		AUGMENTED REALITY WITH VUFORIA STUDIO - MATHCAD
29		MECHANICAL, AUTOMOBILE, MECHATRONICS	CNC MILLING	HASS MACHINE
30		MECHANICAL, AUTOMOBILE, MECHATRONICS		CAM, NC, PLM
31		MECHANICAL, AUTOMOBILE, MECHATRONICS	VALIDATION LAB	REALTIME ANYSIS FOR STATIC STRUCTURAL, TERMAL AND MODEL VIBRATION
32		ELECTRICAL, ELECTRONICS, MECHATRONICS, INSTRUMENTATION	AUTOMATION	PLC, SCADA, ELECTRO HYDRAULIC AND ELECTRO PNEUMATIC WITH TIA PORTAL AND WIN CC



**LIST OF FACILITIES AVAILABLE AT VARIOUS GTTC CENTRES, WHICH MAY BE UTILISED AS MAKER LABS BY  
NAIN CENTRES, COMMON INSTRUMENTATION FACILITIES AND GOVT. SPONSERED STARTUPS**

SL.NO	NAME OF THE GTTC, ADDRESS & CONTACT DETAILS	BRANCH	FACILITIES AVAILABLE	SOFTWARE
38	DASSAULT SYSTEM: HOSAPETE, HUMNABAD, YADGIR AND LINGASUGURU	MECHNICAL, AUTOMOBILE, MECHATRONICS	Mining and Construction	SIMULIA
39				MECHNICAL, AUTOMOBILE, MECHATRONICS
40	BENGALURU, MYSURU, MANGALURU, HASSAN, BELAGAVI, DANDELI, HARIHAR, HOSAPETE, HUBBALLI, DHARWAD, KUDALASANGAMA, MADDUR, KANAKAPURA, LINGASUGUR, GUNDULPET, KADUR, HUMNABAD, KOLAR, TUMAKURU, SHIVAMOGGA, CHIKKODI, GOKAK, UDUPI, GOWRIBIDANUR, CHELLAKERI, KOPPAL, YADAGIR, CHITRADURGA	MECHNICAL, AUTOMOBILE, MECHATRONICS	Convntional lathe	
41			Conventional Milling	
42			Conventional Suraface Grinding	
43			Conventional Cylidrical Grinding	
44			Conventional Drilling	
45			NC Controlled EDM	
46			NC Controlled WEDM	
47			CNC TURNING	
48			CNC MILLING - JAXIS	
49			LINEAR AND ANGULAR MEASUTREMENTS	
50	CAD SOFTWARE - AUTODESK			



2020/1

**LIST OF FACILITIES AVAILABLE AT VARIOUS GTTC CENTRES, WHICH MAY BE UTILISED AS MAKER LABS BY NAIN CENTRES, COMMON INSTRUMENTATION FACILITIES AND GOVT. SPONSERED STARTUPS**

SL NO	NAME OF THE GTTC, ADDRESS & CONTACT DETAILS	BRANCH	FACILITIES AVAILABLE	SOFTWARE
33	PTC : TUMAKURU, HUBBALLI, BELAGAVI, HARIHAR, SHIVAMOGGA, MANGALURU, HASSAN	MECHANICAL, AUTOMOBILE, MECHATRONICS	REVERSE ENGINEERING	PORTABLE BLUE LIGHT SCANER WITH GEOMAGIC DESING AND CREO
34		ELECTRICAL, ELECTRONICS, MECHATRONICS, INSTRUMENTATION	RPT	STRATSYS WITH CREO
35		ELECTRICAL, ELECTRONICS, MECHATRONICS, INSTRUMENTATION	IOT	I IOT WITH THINGSWORX
36	DASSAULT SYSTEM: HOSAPETE, HUMNABAD, YADGIR AND LINGASUGURU	MECHANICAL, AUTOMOBILE, MECHATRONICS	Automotive	DASSAULT 3D EXPERIENCE SOFTWARE : Knowledge Conceptualization & Reuse, Surface Refinement, Conceptual Engineering, CAD Engineering & Manufacturing Composite (Body in black) Componens/ Modules Engineering and Manufacturing , powertrain Engineering & Manufacturing , Final Assembly AND Logistics Engineering
37		MECHANICAL, AUTOMOBILE, MECHATRONICS	AUTOMOTIVE TOOLING :Body in White, Trim Engineering, Design, Electrical, Tubing, System	Integrated process in one solution Design,
			Engineering, Powertrain, Fuel System, Tooling, Method Planning, Assembly and Manufacturing, Safety Simulation, Internet of	Simulation and Manufacturing
			Things, Program and Contracts, Supplier Collaboration, Geological Modelling and Additive Manufacturing.	Machining: 3-Axis and 2.5-Axis Milling Dedicated Capabilities: Data Cleaning, Reverse Engineering, Morphing, Structure Design: Template-based and kinematics

**Govt. Tool Room & Training Centre  
List of GTTC Centres and Address**

SL. No.	District	Center Name and Address	Principal Name	Mobile No.	E-mail Address
01	Bangalore Urban	Government Tool Room & Training Centre, Rajajinagar Industrial Estate, Bangalore - 560 010	Vikas R Nayak	9141629575	gttctrbangalore@gmail.com
			P S Venkatesh	9141629580	principaletcmtc@gmail.com
02	Mysore	Government Tool Room & Training Centre, #93 & 94, Belagola Industrial Area, Off K.R.S. Road, Mysore - 570 016	Jagadishkumar	7760682629 9141630315	Principalstu3@gmail.com
03		Government Tool Room & Training Centre, Near Devraj Arasu Degree College, Hunsur	G Vishwakumar	9035376071	gttchunsur@gmail.com
04	Belagavi	Government Tool Room & Training Centre, Udyambag Industrial Estate, Belagavi - 590 008	B G MOGER	9141630309	gttc_bgm@yahoo.com
05		Government Tool Room & Training Centre, S.No.326/A, Near Government Degree College, Nippani Road, Chikkodi-591 201 (Belgavi District)	Sheetal Kumar	9880785591	gttcchikodi@gmail.com
06		Government Tool Room & Training Centre, Near Nadakacheri Office, Arabhavi, Gokak Taluk, Belagavi District- 591218	Umesh S Badkundri	8660801335 9538570950	gttcarabhavi2020@gmail.com
07	Dharwad	Government Tool Room & Training Centre, Plot No.38-45, 1st Phase, KIADB Industrial Area, Rayapur, Dharwad-580009	Shivanad Kumbara	9035630312	gttchubli@gmail.com
08		Government Tool Room & Training Centre, Shed No.B-467 to 474 Gokul Industrial Estate, Gokul Road, Hubballi-580030	Maruthi Bajantri	9902101010	gttchubli.sdc@gmail.com

SL. No.	District	Center Name and Address	Principal Name	Mobile No.	E-mail Address
09	Hassan	Government Tool Room & Training Centre, Plot No:8, KIADB Industrial Estate, B.M.Road, Near Dairy Circle, Hassan - 573 201	O. Obaiah	9141630306	principalhassan@gmail.com
10	Kalabargi	Government Tool Room & Training Centre, #122 & 123, Mahatma Basaveshwara Road, Darshanapura layout, Santrasawadi, Kalaburagi-585101	Jai Raj	8722822497	gttcglb@gmail.com
11	Mangalore	Government Tool Room & Training Centre, No:7E, Industrial Area, Baikampadi, Mangalore - 575 011	Mruthunjayagowda G.K	9880591219	gttcming@gmail.com
12	Kolar	Government Tool Room & Training Centre, Old DIC Building Premises, Bengaluru-K.G.F Road, Katari palya, Kolar - 563 101	Vikas .D	9886839574	gttcKolar@gmail.com vikasdarius@gmail.com
13	Uttarakannada	Government Tool Room & Training Centre, Plot No:1, Ambewadi Area, KSSIDC Indl. Estate, Dandeli - 581 325	Kirankumar R	9902232839	gttcdandeli@gmail.com
14	Chikkaballapura	Government Tool Room & Training Centre, Plot No:1P/1A, 1st Ph, Hindupur Road, Kudumalakunte, KIADB Industrial Area Gowribidanur-561 208	Harishkumar	8380229889 8884585436	gttcgowribidanuru@gmail.com
15	Chamarajanagar	Government Tool Room & Training Centre, Dundasanapura, Hosur Road Gundlupet - 571 111	Anilkumar	8147384716	gttc.gundlupet@gmail.com
16	Davanagere	Government Tool Room & Training Centre, Plot No.22C&D.KIADB Industrial Area, Harlapura Harihar-577602	Lakshman Nayak S	8711913947 9448601179	gttcharihar@gmail.com



SL. No.	District	Center Name and Address	Principal Name	Mobile No.	E-mail Address
17	Vijayanagara	Government Tool Room & Training Centre, Harihara Road, Mariammanahalli – 583201 Hospet Taluk, Bellari District. Hospet-583201	Mahesh R Reddy	9379853899	gttcmmhalli@gmail.com mahimudbool@gmail.com
18	Bidar	Government Tool Room & Training Centre, Plot.No127B, KIADB Industrial Area, Near RTO Check Post Humnabad - 585 330	Somashekar Hullahalli	8867441317	gttchbd@gmail.com
19	Chikkamagaluru	Government Tool Room & Training Centre, Behind Fire Station, NH - 206, Near Veda pump House, B.H.Road, Kadur - 577 548	Jayaprakash J K	9980344441	gttckadur@gmail.com
20	Ramanagara	Government Tool Room & Training Centre, Old KSIC Building, Sangama Road, Kanakapura - 562 117	Shahin Shaik	6361122792 9964625775	gttckanakapura@gmail.com shaheenashaikh78@gmail.com
21	Bagalakote	Government Tool Room & Training Centre, Kudalasangama- 587 115, Hunagunda Taluk, Bagalakote District.	Sureshrathod	9902556110	gttc.kudalasangama@gmail.com
22	Raichur	Government Tool Room & Training Centre, Sarkari Thota, Karadakai Rasthe, Lingasugur - 584 122	Rajkumar P	9916231899 9141629568	gttc.lingasugur@gmail.com
23	Mandya	Government Tool Room & Training Centre, Opp. To Syndicate Bank, B.M.Road, Somanahalli, Maddur - 571 429	K Rameshbabu	9141629597	gttcaddur@gmail.com
24	Shivamogga	Government Tool Room & Training Centre, Plot No.C38, KIADB Industrial Area, Nidhige, Shivamogga-577 222	Ramachandra Badigare	9429530914	gttcshivamogga@gmail.com

SL. No.	District	Center Name and Address	Principal Name	Mobile No.	E-mail Address
25	Tumkur	Government Tool Room & Training Centre, DITC Building, Hirehalli Industrial Area, Tumkur -572168	Ashwinkumar Somannavar	9916769649	gttctumkur@gmail.com 970ashwin@gmail.com
26	Udupi	Government Tool Room & Training Centre, Near Govt., High School, Kolalagiri Post, Uppoor Udupi -576105	Manjunath Nayak	9880510585 0820-2950101	gttcudupi@gmail.com
27	Koppal	Government Tool Room & Training Centre, Gada Road, Dadegal, Gadag Road, Koppal-586231	Mounesh	7507094445	gttckoppal@gmail.com
28	Yadgir	Government Tool Room & Training Centre, Plot No:486, Kadechur Badiyal Industrial Area, Raichur Main Road, N H-150, District: Yadgir-585211	Vinod Kumar Patil	8087764454	gttcyadgir01@gmail.com
29	Chitradurga	Government Tool Room & Training Centre, No:44, Old Bengaluru Main Road, Senchigana Halaa, Kasaba Hobli, Chitradurga -577 524	K B Arunkumar	8073493120	gttcchitradurga@gmail.com arunkuru123@gmail.com
30		Government Tool Room & Training Centre, No:117, Challakere Main Road, Kasaba Hobli,Challakere -577522	Tippeswamy G R	9731754567	gttcchallakere@gmail.com
31	Haveri	Government Tool Room & Training Centre, Government Polytechnic Campus, Pale Road, Hangal -581101 District Haveri	Maruthi Bajantri	9902101010	gttchanagal@gmail.com

LIST OF FACILITIES AVAILABLE AT VARIOUS KGTTI CENTRES, WHICH MAY BE UTILISED AS MAKER LABS BY NAIN CENTRES, COMMON INSTRUMENTATION FACILITIES AND GOVT. SPONSERED STARTUPS

SL NO	NAME OF THE KGTTI, ADDRESS & CONTACT DETAILS	BRANCH	COURSES OFFERED	FACILITIES AVAILABLE	SOFTWARE
1	Karnataka German Technical Training Institute – Bengaluru Behind Kennametal, NH 4, Tumkur Road, Manjunatha Nagar, Bagalkunte, Nagasandra, Bengaluru - 560 073 Ph No: 9071390850 - 08029590842	MANUFACTURING TECHNOLOGY	Mastercam X6		MasterCAM X6/MasterCAM X6/MasterCAM Educational Suite Version 2022
			Catia V5/ CATIA 3D Experience		Latest CATIA 3D Experience Software
			Autocad		AutoCAD 2022
			Metrology Lab	Profile Projector, Portable Surface Roughness Tester, Portable Hardness Tester, Digital Height Master, Tool Presetter etc	
			CNC Programming and Operation – Turning	3 Axis CNC Lathe (ACE Manufacturers) Machines	
			CNC Programming and Operation – Milling.	CNC Milling machines from ACE and BFW	
			3D Printing Lab	STRATASYS F 170 & Makerbot	
		WELDING TECHNOLOGY	Shield Metal Arc Welding (SMAW)	300 Amps AC/DC Inverter based TIG / PULSE TIG / SMAW welding machine -KEMPPi MASTERTIG MLS 3003 ACDC / MASTERTIG 325 ACDC	
			Gas Tungsten Arc Welding (GTAW) or TIG	301 Amps AC/DC Inverter based TIG / PULSE TIG / SMAW welding machine -KEMPPi MASTERTIG MLS 3003 ACDC / MASTERTIG 325 ACDC	
			Gas Metal Arc Welding (GMAW) or MIG/MAG Co2	400Amps Inverter Controlled GMAW (MIG / MAG / FCAW/MMAW) – KEMPPi FASTMIG M 420	
			Pipe Welding		
		ELECTRICAL TECHNOLOGY	Introduction to Embedded Systems & 8051 Microcontroller	8051 family Microcontroller Trainer Kit with onboard USB port LCD & interface for optional PC Keyboard	KEIL MDK PRO: Microcontroller Development Kit Professional Edition
			Embedded Programming & Interfacing of 8/16/32 bit Microcontrollers	Educational Practice Board for PIC18, USB Based Single Chip MCU Trainer based on AT89C51, KEIL ARM 7 Single Board (LPC 2140) Development & training Boards, ARM - ARM Coretex (LPC 1768H+)Development & training Boards + ULINK	
			Embedded Real Time Operating Systems (RTOS)		
		INFORMATION TECHNOLOGY	CCNA Security	ASA 5506-X with FirePOWER services, 8GE, AC, 3DES/AES	
			IT Essentials	Intel Core i3, i5 and i7 Computers	
			CCNA	Cisco ISR 4321 Routers, Catalyst 2960 24 10/100 + 2 1000BT LAN, Cisco RV340W Wireless-AC Dual WAN Gigabit VPN Router,	
			CYBER SECURITY		Security Onion Security Tools
			AWS Solution Architect Associate with Academy Cloud		AWS online cloud Software
			Tally ERP 9.0		Tally ERP Software
Cisco certified network associate (CCNA) – Security	ASA 5506-X with FirePOWER services, 8GE, AC, 3DES/AES				
AUTOMATION	Industrial Automation Design Engineer	Basic Hydraulics Training – Modular Work Station Basic Hydraulic Training Components Set Electro Hydraulics Training Components Set Proportional Hydraulics Training Component Set	PLC Programming Software(STEP 7 Packae), WINCC, Hydraulic		



LIST OF FACILITIES AVAILABLE AT VARIOUS KGTTI CENTRES, WHICH MAY BE UTILISED AS MAKER LABS BY NAIN CENTRES, COMMON INSTRUMENTATION FACILITIES AND GOVT. SPONSERED STARTUPS

SL NO	NAME OF THE KGTTI, ADDRESS & CONTACT DETAILS	BRANCH	COURSES OFFERED	FACILITIES AVAILABLE	SOFTWARE	
		TECHNOLOGY	Industrial Automation technician	Proportional Hydraulics Additional Components Set Basic Pneumatic System Training Modular Work Station Basic Pneumatics training component set Electro-Pneumatics Training component set Basic sensor Training components set	Simulation software, Pneumatic Simulation Software	
		AUTOMOBILE TECHNOLOGY	Two wheeler Technician	Two wheeler Vehicles - Splendor Plus, Hero Xpulse, Passion Pro etc, Enginees, Load Tester / Hydrometer, Tyre Pressure Gauge		
			Volkswagen Service Advisor Training Program(VGSATP)			
			Volkswagen Service Technician Training Program	Volkswagen Cars, Two post lift, Engine Cut Sections, Cooling System Pressure Tester, Battery Charger, Onboard Diagnostic Tools, All Special Tools etc.	Onboard Diagnostic Software Tool	
2	Karnataka German Technical Training Institute – Kalaburagi Near Chandrashekar Patil Stadium, Behind BEO Office, Rajapur Road, Kalaburagi - 585 103 Ph no: 9071423004 - 08472252111	MANUFACTURING TECHNOLOGY	CAD (Auto CAD)		AUTOCAD 2022	
			CAM (MASTER CAM)		MasterCAM X6/MasterCAM Educational Suite Version 2022	
			CATIA		CATIA V5 and CATIA 3D Experience	
			Creo 2		CREO	
			UG NX8.5		Unigraphics NX 8.5 software	
			CNC LATHE PROGRAMMING AND OPERATION	CNC Simulation Modules(EMCO), CNC Lathe Machies (3 Axis), CNC Milling Machine(ACE and BFW)	Lathe and Milling ( Fanuc and Siemens controller)	
			CNC MILLING PROGRAMMING AND OPERATION	3 Axis DMG Machines, 3 Axis BFW Machines	Lathe and Milling ( Fanuc and Siemens controller)	
			BASIC METROLOGY	Profile Projector, Portable Surface Roughness Tester, Portable Hardness Tester, Digital Height Master, Tool Presetter etc		
		ADVANCED METROLOGY	Welding Machines from ESAB, KEMPPi and Colton			
		WELDING TECHNOLOGY	BASIC WELDING			
			ADVANCED WELDING (MIG)	400Amps Inverter Controlled GMAW (MIG / MAG / FCAW/MMAW) – KEMPPi FASTMIG M 420		
			ADVANCED WELDING (TIG)	301 Amps AC/DC Inverter based TIG / PULSE TIG / SMAW welding machine -KEMPPi MASTERTIG MLS 3003 ACDC / MASTERTIG 325 ACDC		
			ADVANCED WELDING TIG AND MIG	400Amps Inverter Controlled GMAW (MIG / MAG / FCAW/MMAW) – KEMPPi FASTMIG M 420 & 301 Amps AC/DC Inverter based TIG / PULSE TIG / SMAW welding machine - KEMPPi MASTERTIG MLS 3003 ACDC / MASTERTIG 325 ACDC		
		INFORMATION TECHNOLOGY	COMPUTER LITERACY			Security Onion Security Tools
			CYBER SECURITY			Virtual Desk Top and Laptop, MS Office with Windows 10 & 11
			IT ESSENTIALS	Intel Core i3, i5 and i7 Computers		

LIST OF FACILITIES AVAILABLE AT VARIOUS KGTI CENTRES, WHICH MAY BE UTILISED AS MAKER LABS BY NAIN CENTRES, COMMON INSTRUMENTATION FACILITIES AND GOVT. SPONSERED STARTUPS

SL NO	NAME OF THE KGTI, ADDRESS & CONTACT DETAILS	BRANCH	COURSES OFFERED	FACILITIES AVAILABLE	SOFTWARE
		TECHNOLOGY	Cisco Certificated Network Associate		Cisco Packet Tracer Software
			WINDOWS 2008/2013 SERVER		Windows 2013 Server Software & Windows 10 Software
		ELECTRICAL TECHNOLOGY	Motor and pump maintenance	Fundamentals of Electrical Experiments, Safety demo on Electricity, Motor Rewinding work Tools, Coil Winding Machine Programmable, Electronic Diagnose Tools(Thermal Image Camera), Electric Motor Machinery Fault Simulator etc	Software CBT Basic Electrical, Electrical Circuit Analysis, AC Circuits, Magnetic Circuits, Transformers, Rotating Electric
			Motor maintenance		Software CBT CD EMF Basics Coordinate Systems, Vector, Calculus, Electrostatics, Magneto statics, Time Varying Electric and Magnetic Field, Electromagnetic
3	Karnataka German Technical Training Institute – Belagavi Government ITI (W) Building, Udyambag, Belagavi - 590 008  Ph no: 8050363940	MANUFACTURING TECHNOLOGY	Mastercam X6		MasterCAM X6/MasterCAM X6/MasterCAM Educational Suite Version 2022
			Solidworks		Solid Works Educational licence 2012
			CNC Programming and Operation – Turning & Milling	3 Axis ACE and BFW Machines	
			CNC Programming and Operation – Turning	3 Axis CNC Lathe (ACE Manufacturers) Machines	
		CNC Programming and Operation – Milling	CNC Milling machines from ACE and BFW		
		INFORMATION TECHNOLOGY	CISCO IT Essentials	Intel Core i3, i5 and i7 Computers	
		WELDING TECHNOLOGY	BASIC WELDING	ARC WELDING MACHINE INVERTER BASE(Messer K2 400), KEMPPI FASTMIG M 420, KEMPPI MASTERTIG MLS 3003 ACDC with all tolls and consumables	
			ADVANCED WELDING (MIG)	400Amps Inverter Controlled GMAW (MIG / MAG / FCAW/MMAW) – KEMPPI FASTMIG M 420	
			ADVANCED WELDING (TIG)	301 Amps AC/DC Inverter based TIG / PULSE TIG / SMAW welding machine -KEMPPI MASTERTIG MLS 3003 ACDC / MASTERTIG 325 ACDC	
			ADVANCED WELDING (TIG AND MIG)	400Amps Inverter Controlled GMAW (MIG / MAG / FCAW/MMAW) – KEMPPI FASTMIG M 420 & 301 Amps AC/DC Inverter based TIG / PULSE TIG / SMAW welding machine - KEMPPI MASTERTIG MLS 3003 ACDC / MASTERTIG 325 ACDC	
		INFORMATION TECHNOLOGY	CISCO IT Essentials		Virtual Desk Top and Laptop, MS Office with Windows 10 & 11
			Tally		Tally ERP Software



LIST OF FACILITIES AVAILABLE AT VARIOUS KGTTI CENTRES, WHICH MAY BE UTILISED AS MAKER LABS BY NAIN CENTRES, COMMON INSTRUMENTATION FACILITIES AND GOVT. SPONSERED STARTUPS

SL NO	NAME OF THE KGTTI, ADDRESS & CONTACT DETAILS	BRANCH	COURSES OFFERED	FACILITIES AVAILABLE	SOFTWARE
4	Airport Road, Konchady Post, Mangaluru - 575 008 Ph no:08242211477	CONSTRUCTION TECHNOLOGY	Technician - Refrigeration	ELECTRICITY AND ELECTRONICS FUNDAMENTAL TRAINER, ELECTRONIC WORKBENCH C/W POWER SUPPLY SYSTEM, ABSORPTION REFRIGERATION TRAINER, SINGLE EVAPORATOR DOMESTIC REFRIGERATION FREEZER TRAINER (BUILD UP TRAINER),	
			Technician - Air Conditioning	GENERAL CYCLE AIR-CONDITIONING TRAINER WITH REVERSE CYCLE, SECTION AIR COND COMPONENT (SET 7 BOARDS), SPLIT TYPE AIR CON TRAINER, SINGLE EVAPORATOR, DOMESTIC AIR CONDITIONING CONTROLS	
			Technician - Refrigeration and Air Conditioning	REFRIGERATION AND AIR CONDITION ELECTRICAL CONTROL, MULTIPLE COMPRESSOR REFRIGERATION CONTROL TRAINERS, BENCH TOP COOLING TOWER TRAINER, COMMERCIAL REFRIGERATION TRAINER WITH HERMETIC COMPRESSOR, INDUSTRIAL REFRIGERATION TRAINER WITH OPEN TYPE COMPRESSOR & ELECTRIC MOTOR, INDUSTRIAL	
5	Karnataka German Technical Training Institute - Hubballi Government ITI Campus, CoE Building, Vidyanagar, Hubballi - 580 021 Ph no:9449030804 - 08364257003	AUTOMOBILE TECHNOLOGY	Automotive Technician (VG TAP)	Volkswagen Cars, Two post lift, Engine Cut Sections, Cooling System Pressure Tester, Battery Charger, Onboard Diagnostic Tools, All Special Tools tec.	Onboard Diagnostic Software Tool
		INFORMATION TECHNOLOGY	CISCO IT Essentials	Intel Core i3, i5 and i7 Computers	Linux Software
			RedHat Linux		
		MANUFACTURING TECHNOLOGY	CNC Turning programming & Operation	3 Axis CNC Lathe (ACE Manufacturers) Machines	
			CNC Milling programming & Operation	CNC Milling machines from ACE and BFW	
			CNC Machinist	3 Axis ACE and BFW Machines	
		ELECTRICAL TECHNOLOGY	Domestic Electrician	Didactic Equipment , Electrical appliances, Measuring devices, Personal Protective Equipment, Individual tooling, Collective tooling, Earth pit, Electrical equipment - Domestic & Industrial	
Industrial Electrician					
Buidlign Automation					
6	Karnataka German Technical Training Institute - Gowribidanur Warehouse Building, B II Road, Gowribidanur - 561 208 Ph no:9071390852	ELECTRICAL TECHNOLOGY	Domestic Electrician	Didactic Equipment , Electrical appliances, Measuring devices, Personal Protective Equipment, Individual tooling, Collective tooling, Earth pit, Electrical equipment - Domestic & Industrial	Tally ERP Software
			TALLY ERP 9.0		Virtual Desk Top and Laptop, MS Office with Windows 10 & 11
		INFORMATION TECHNOLOGY	CISCO IT Essentials	Intel Core i3, i5 and i7 Computers	

SL NO	NAME OF THE KGTI, ADDRESS & CONTACT DETAILS	BRANCH	COURSES OFFERED	FACILITIES AVAILABLE	SOFTWARE
		TECHNOLOGY	Cisco certified network associate (CCNA) – Security	ASA 5506-X with FirePOWER services, 8GE, AC, 3DES/AES	Virtual Desk Top and Laptop, MS Office with Windows 10 & 11
7	Karnataka German Technical Training Institute – Karkala Government Polytechnic Campus Kabettu (Near MPM First Grade College), Udupi district- 574104 Ph no:080258200451	INFORMATION TECHNOLOGY	CISCO IT Essentials	Intel Core i3, i5 and i7 Computers	
			Cisco certified network associate (CCNA) – Security	ASA 5506-X with FirePOWER services, 8GE, AC, 3DES/AES	Tally ERP Software
			TALLY ERP 9.0		MasterCAM X6/MasterCAM Educational Suite Version 2022
		MANUFACTURING TECHNOLOGY	Mastercam X6		CATIA V5 and CATIA 3D Experience
			Catia V5		AutoCAD 2022
			Autocad		
			CNC Programming and Operation – Turning & Milling	3 Axis ACE and BFW Machines	
CNC Programming and Operation – Turning	3 Axis CNC Lathe (ACE Manufacturers) Machines				
CNC Programming and Operation – Milling.	CNC Milling machines from ACE and BFW				





**KARNATAKA GERMAN TECHNICAL TRAINING INSTITUTE**  
**List of KGTTI Centres and Address**

SL NO	DISTRICT	CENTRE AND ADDRESS	DIRECTOR NAME	MOBILE NO	E-MAIL ADDRESS
01	BENGALURU	Karnataka German Technical Training Institute – Bengaluru Behind Kennametal, NH 4, Tumkur Road, Manjunatha Nagar, Bagalkunte, Nagasandra, Bengaluru - 560 073	Dr. Kumar K	7892391732	director.bengaluru@kgtti.com
02	KALABURAGI	Karnataka German Technical Training Institute – Kalaburagi Near Chandrashekar Patil Stadium, Behind BEO Office, Rajapur Road, Kalaburagi - 585 103	Samuel Prashantha Kumar	9071423006	director.kalburgi@kgtti.com
03	BELAGAVI	Karnataka German Technical Training Institute – Belagavi Government ITI (W) Building, Udyambag, Belagavi - 590 008	Chidanand Bake	9972368551	director.belagavi@kgtti.com
04	MANGALURU	Karnataka German Technical Training Institute – Mangaluru 2nd Floor, Government ITI (W), Airport Road, Konchady Post, Mangaluru - 575 008	Giridhar Salian	8553306561	director.mangalore@kgtti.com
05	HUBBALLI	Karnataka German Technical Training Institute – Hubballi Government ITI Campus, CoE Building, Vidyanagar, Hubballi - 580 021	Basavaprabu Hiremath	9448112686	director.hubballi@kgtti.com
06	GOURIBIDANUR	Karnataka German Technical Training Institute – Gouribidanur Warehouse Building, B H Road, Gowribidanur - 561 208	Dr. Kumar K	7892391732	director.bengaluru@kgtti.com
07	KARKALA	Karnataka German Technical Training Institute – Karkala Government Polytechnic Campus Kabettu (Near MPM First Grade College), Udupi district- 574104	Giridhar Salian	8553306561	director.mangalore@kgtti.com

