

**G. H. Raisoni College of Engineering, Nagpur**  
**Planning of Skilled Workshops -2018-19**

Dept.	Semester					
	3	4	5	6	7	8
CSE	AI & Machine Learning (1 Day)	WordPress	Android Workshop Training (Software Tool Lab)	Linux	Android Workshop & App Creation	
	IoT with Arduino (Regular Subject)	Game Designing using Animation & AI	Group-B Embedded System & IoT	Latex	Information Security Workshop	
	Cloud Computing (Ele-V)	MOOCS Course in AI & ML	AI & Machine Learning (Ele-V)	Creative Cloud - Create website for Portfolio Managemnet	Entrepreneurship (Ele-II)/ Block Chain Technology/Digital Marketing (Through MOOCs)	
	Data Analytics (Ele-IV)				AI & Machine Learning (Ele-V)	
IT	Cloud Computing (Workshop)	Word Press	Android Workshop	Block Chain	Block Chain Technology (Open Elective /MOOCs)	
	IOT with Arduino (Regular Subject)	Game design using animation & AI	AI & Machine Learning(Ele-I)	Linux & Latex	AI & Machine Learning (Ele-I)	
	AI & Machine Learning (Ele-I)	MOOCS Course in AI & Machine Learning	Cloud Computing (Ele-III)	Project based on AI/ Data Analytics/ Animation/ Android	Information Security Workshop (Ele-III)	
	Data Analytics (Ele-II)			Individual students website with his/her profile using Creative Cloud by Adobe	Cloud Computing (Ele-III)	
ETRX	AI & Machine Learning	Bigdata & Hadoop	AI & Machine Learning	AI & Machine Learning	Web Development Tool (ADOBE)/ Matlab & Simulink	
	Java Programming & DataBase	IOT & Analytics	Cloud & Big Data (Self Study)	Robotics	AI & Machine Learning (Ele-II)	
	Robotics		Android Development/ Biomediacal	5G/Block Chain Technology	Big Data & Hadoop (Ele-III)	
ETC	Java Programming & DataBase (Open Elective)	Games & Animations	Cloud & Big Data (Self Study)	PLC-SCADA	Matlab Simulink & Speech	
	AI & Machine Learning (Ele-II)	IOT & Analytics	Embedded System & IoT (Regular Subject)	Smart Sensors/ Biomedical/5G	Video Processing	
		5G/ Block Chain Technology	Android Development (Open Elective)		AI & Machine Learning (Ele-II)	

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CIVIL	Complete process of construction of own house (A case study)	STTAD-Pro	Auto-CAAD (BCD)	Vastu Concepts for building	Building Information Modelling (BIM)	
	Vastu Concepts for building	Total Station	MIVAN (SD-I)	Environmental Audit (case study)	Complete process of construction of industry (case study)	
	Environmental Audit (Env-I)	MIVAN	PRIMAVERA	Building Information Modelling (BIM)	PRIMAVERA (PPM)	
	Python (Through Subject -Computing Applications)		STTAD-Pro (Ele-II)	Property tax and estimation (case study)	MIVAN (Orientation)	
EE	IOT & aurdino (Regular group Subject)	AI & Machine Learning	Compurt Application to Electrical Engineering	Estimation & costing	Matlab and Simulink (Regular Subject-Computer Application to Electrical Engineering)	Power world simulator
	Energy Audit (Through Emml TAE)	Solar & Android development workshop	ANN (Ele-II)	Power world simulator	ANN (Ele-II)	Electric Vehicle
		Electric Vehicle		Super Capacitor and Facts	Electric Vehicle (Ele-II)	
		PSCAD		Electric Vehicle	Optimization (Ele-III)	
ME	Matlab+Labview (In Computer Applications of Mechanical Engineering)	Smart Material	AI & Machine Learning	Product Design	AI & Machine Learning/ Robotics	Product Ashtetics & Design
	CATIA	Industry 4.0 Smart Vehicle	PLC & Automation/ Smart Manufacturing	Metrology		Energy management and audit
	Glider Design		Creo+ 3D Printing	Air Conditioning and HVAC		
			CFD & Hypermesh+ANSYS			