



**IK GUJRAL PUNJAB TECHNICAL UNIVERSITY, JALANDHAR**  
(Department of Academics)

Ref. No. IKG-PTU/DA/ 3131

Date: 8/10/2021

**All Chairman/Co-ordinators**  
**Board of Studies, IKGPTU**

**Sub: - Regarding Value Added Courses for the students of IKGPTU Main campus & Constituent Campus from Academic Session 2021-22.**

With the approval of the competent authority, the following is the list of Value Added Courses to be offered in Academic Session 2021-22 for the students of IKGPTU Main Campuses and Constituent Campuses.

Sr.No.	Name of the Department	Value Added Course
1.	Department of Civil Engg.	1- Building information modeling (BIM) 2- Auto Cad 3- STAAD Pro 4- Geographical Information System
2.	Department of Mechanical Engg.	1- Soft Skill 2- Auto Cad Training 3- Solid Work Training 4- Training on Creo Software
3.	Department of Physical Science	1- Introduction to the Renewal Engg. Resources 2- Physics of Nano Materials 3- Electronics at Nano-scale 4- Scientific documentation tools
4.	Department of Chemical Engg.	1- Intellectual Property Rights 2- Chemistry of Petroleum and Petrochemicals
5.	Department of Electrical Engg.	1- Solar water Pumping 2- Safety, Health and Environment Management 3- Arduino 4- E-commerce 5- Condition Monitoring and Maintenance 6- Principals of Marketing 7- Environmental Sustainability 8- Biology of Engineers 9- Cyber security 10- Programming in Python 11- Big Data 12- Java 13- Hybrid vehicles 14- Energy storage
6.	Department of Mathematical Science	1- Computer Algebra System and Related Software's 2- Scientific Documentation Tool



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7.	Department of Electronic Communication Engg.	1. Personality Development 2. Motivational Enhancement techniques 3. Intellectual property rights and Entrepreneurship
8.	Department of JMC	1- Photography
9.	Department of Computer Science Engg.	1- IPR 2- Orientation programme in Entrepreneurship 3- Digital marketing & tools 4- Digital Self Defence
10.	Department of Management	1- Business Analytics 2- Research Methodology 3- Soft Skills and Personality Development 4- Entrepreneurship 5- Block Chain Technology 6- Business Etiquettes 7- Lean Management Manufacturing 8- Quality Management 9- Six Sigma 10- Employability Skills 11- Big Data Analysis 12- Accounting Basics 13- Innovation Management 14- Professional Ethics 15- Short Term Certificate Course in Advanced Excel 16- Office Automation 17- Self Management 18- Digital Marketing 19- Introduction to Investments 20- Management Accounting for Decision Making 21- Introduction to Human Resource Management 22- Introduction to Marketing Essentials 23- Customer Relationship Management 24- Introduction to corporate finance 25- Predictive Analytics 26- Introduction to strategic management 27- Strategy and sustainability 28- Organization design for competitive Advantage 29- Managerial Economics 30- International Financial Management 31- Communication Technologies in Education 32- Environment Management System 33- Enterprise Risk Management 34- Health Care Leadership 35- Corporate Leadership 36- E-Commerce 37- Yoga for Health and Wellness 38- Social Media Marketing 39- Financial Econometrics





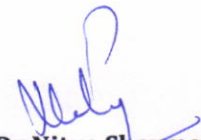
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11.	Department of Food Science	1- Bakery Technology and Entrepreneurship 2- Food Safety, quality and Evaluation 3- Food industries requirements for the compliance to food safety and standards act 4- Implementation & Auditing of ISO 22000 in food industry 5- Implementation & Auditing of the ISO 9001: 2018 in food industry.
12.	Department of Architecture	1- Human Values and Professional Ethics 2- Environmental Science 3- Mentoring & Professional Development- I 4- Mentoring & Professional Development- II 5- Mentoring & Professional Development- III
13.	Department of Hotel Management	As per concerned BOS minutes, a committee was constituted to finalize the Value added courses.

This is for your information and further pursuance please.

  
Dr. Nitya Sharma  
Dy. Controller (Academics)  
8/10/21

A copy is forward to:

1. Incharge VC, Secretariat for the kind information of the Vice-Chancellor.
2. Registrar for information please.
3. Dean (Academics)
4. Controller of Examinations
5. Dean (Student Welfare)
6. Dean (P&EP)
7. Dean (Faculty Welfare)
8. Director/Incharge, IKGPTU Main Campus and Constituent Campuses (with request to circulate to all HODs)
9. Incharge Computer Section for uploading on University website.