

Key Indicator – 1.3 Curriculum Enrichment
(50)

1.3.2 Number of certificate / value-added courses / Diploma Programme/ online courses of MOOCS / SWAYAM / e-Pathshala / NPTEL etc. where the students of the institution have enrolled and successfully completed

(30)

Criterion 1 – Curricular Aspects
(150)



Criteria 1.3.2

**Notices, Brochure and Course content or syllabus
along with course outcome of Value added/Add
on /Certificate courses offered
(Appendix-II)**

2021-22

Sushant University

DECLARATION FOR VALUE ADDED COURSES

This is to certify that the below mention value added courses offered during the academic session 2021-22 are Non-credit and offered outside the curriculum during the Academic Year.

S.NO	School	Name of the add on/certificate/value added program/Diploma Programs/onlinecourse of MOOCS/SWAYAM/e Patashala/ NPTEL etc	Program duration (No of contact Hours)
1	VHTBS	Food & Health - An Essential part of Urban Life	32 Hours
2	SSAA	Solar passive architecture	34 Hours
3		Climate change and disaster management	32 Hours
4	SOD	Colour & Light	33 Hours
5		Exhibition Design	33 Hours
6	SOB	Introduction to Sustainable Development	36 Hours
7		Legal Literacy	36 Hours
8	SHS	health care ethics and legal issues	30 Hours
9		personality development	30 Hours
10	SOL	Legal Dimensions of Artificial Intelligence	31 hours
11	SET	Emerging Technologies & AI	30 Hours
12		Planning & Scheduling using Microsoft Project	30 Hours

Signature & Seal – Vice Chancellor
Sushant University



26/19/24



01/09/2021

Office Order

Vatel Hotel & Tourism Business School, Sushant University will be Offering Value Added course in the Academic session 2021-22 Odd Semester.

Course Details

S.No	Name of the Value-Added course	Duration (Contact Hours)	Courses offered for	Resource Person	Date of Commencement
1	Food & Health – An Essential Part of Urban Life	32	BHM	Anshu Rawal	06/09/2021

The Syllabus of the courses offered is attached for your reference as annexures.

The assessment of the same will be as under:

Assessment Procedure

S.No	Name of the Value-Added course	Assessment Methodology/Components
1	Food & Health – An Essential Part of Urban Life	Quiz and attendance based

It is **mandatory for the students of the respective batches** (as mentioned in the course detail sheet) to attend the Value-added courses specially curated for them based on the gaps and need analysis. The same will be beneficial for the students and will contribute to lifelong learning.

The courses are offered **free of cost and certificates will be presented to students' post completion of the course.**

For any queries related to the Value-added course kindly contact the undersigned

Ms. Chandana Paul
Assistant Professor - VHTBS
Coordinator – Value added Courses

VAC Coordinator

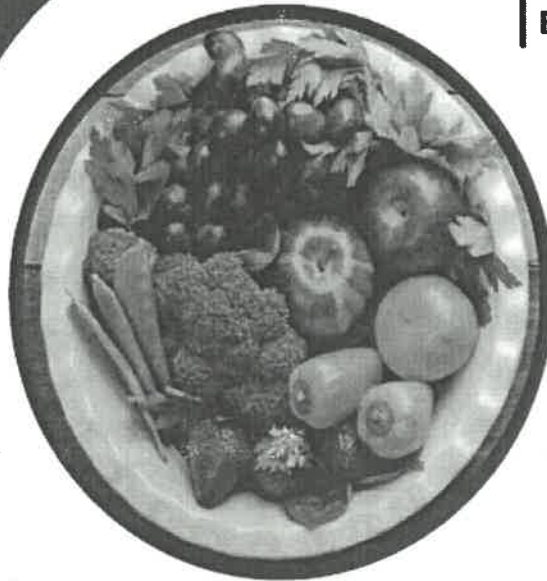


Vatel Hotel & Tourism Business School
Sushant University
Sector-55, Gurugram

Program Coordinator

Sushant
University

Vatel Hotel & Tourism
Business School



Value Added Course
(Non Credited)

Food & Health - An Essential Part of Urban Life

Course Code: 21 VHTBS- V01

ODD 2021

6th Sep to 9th Dec, 2021

Duration: 32Hrs.

Faculty Incharge: Mr Deepak Thakur

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www.sushantuniversity.edu.in



Jawad
Vatel Hotel & Tourism Business School
Sushant University
Sector-55, Gurugram

Course Title: Food and Health: An Essential Part of Urban Life	
Course Code:21VHTBS-VA01	
Course Designed by:	Mr. Deepak Thakur

1. Course Introduction and Objectives

This course will help participants acquire skills to understand and balance food habits to be healthy in this urban life which leads to lifestyle diseases. One of the most important and intimidating steps while leading an urban life is to stay healthy and fit and avoid lifestyle diseases by understanding food and therefore food eating habits. Unfortunately, food in urban life is consumed as per the wills and fancies of an individual, however, one should fulfil their wills and fancies but also keep in mind healthy food habits.

Employability-level: Professional Skill

1. Foundati on Core	2. Foundation Skill	3. Professional Core	4. Professional Skill	5. Premier Skill
			✓	

2. Course Learning Outcomes

By the end of the lesson, Professionals will be able to:

CLO1 : Awareness about lifestyle diseases and their effects on one's health in urban life.

CLO2: Learn how to balance food and health by changing both food and eating habits to tackle these lifestyle diseases.



Deepak Thakur
Vate! Hotel & Tourism Business School
Sushant University
Sector-15, Gurugram

3. Course Pedagogy

Primarily class lectures followed by question-answer sessions/ assignments/ interactive sessions, and presentation, would be used as an important pedagogy.

4. Course Contents and Duration

Session No.	Session Topic / Sub-topic Description	Date	No. of session (per hour)
1	This lesson will discuss what are lifestyle diseases and identify common lifestyle diseases	6-9-21, 9-9-21, 10-9-21 ,13-9-21	4
2	Identify possible reasons for these lifestyle diseases	16-9-21 ,17-9-21 ,20-9-21 , 23-9-21	4
3	Identify solutions for these lifestyle diseases	24-9-21 , 28-9-21	2
4	Identify the most popular food or eating habits which directly affect one's health	30-9-21, 1-10-21,4-10-21,7-10-21	4
5	Discuss the alternative to these foods which are healthy and equally tasty	8-10-21,11-10-21	2
6	Prepare the list of healthy food options which helps to fight or avoid lifestyle diseases	18-10-21,21-10-21,22-10-21,25-10-21	4
7	Identify healthy eating practices	28-10-21, 29-10-21	2
8	Prepare a healthy menu which helps to fight these lifestyle diseases	8-11-21, 11-11-21,12-11-21,15-11-21	4
9	Discuss case studies	18-11-21. 25-11-21	2
10	Practice these food eating	26-11-21,6-12-21,9-12-21,10-	4



James
James H. ...
Faculty ...
Spring 2021

	habits	12-21	
	Total Hrs	30	30

Jaw
Yale University School of Business Professor



5. Course Assessment Scheme

There are two components of assessment – continuous and final – as part of Course. Participants would be encouraged and guided to complete their assignment activities and get maximum learning throughout the Course.

Continuous Assessment

The faculty would keep records of a Participant attendance and engagement. The following Rubric will be used for continuous assessment:

Attendance	Student has consistent attendance in class and comes to class on time.	Student has reasonable attendance in class and mostly comes to class on time.	Student has some absences from class and/or is not always on time.	Student has poor attendance and/or is frequently late to class.
Engagement	Proactively and regularly contributes to class discussion; initiates discussion on issues related to class topic. Always ready to answer the question asked.	Proactively contributes to class discussion; asks questions and responds to direct questions.	Few contributions to class discussions; seldom volunteers but responds to direct questions.	Student never participates in class discussion; fails to respond to direct questions.

Final Assessment

Assessment on the basis of attendance and quiz

6. Course References

Include the list of text and reference books, videos, materials for reading/ watching given by the course facilitator, and any other online resources etc. as suggested during the course conduct.]

1. **How not to die** by Michael Greger
2. **Metabolical** by Robert H. Lustig
3. **In defense of food** by Michael Pollan
4. **Eat drink and be healthy** by Walter C. Willett



Jawad
Business Officer

Value Added Course
Resource Person Profile

Name – Mr Deepak Thakur

Designation – Assistant professor

Experience – 29 Years in Hospitality Industry & Academics

Specialization- Food & Beverage Service

Email id – deepakthakur@ansaluniversity.edu.in



An alumnus of IHMCT&AN, Bangalore with 29years of Industry and Academic experience in Hospitality sector. Around 11years of qualitative experience in hospitality education sector & 18years of diverse experience in hospitality industry ranging from Cruise line industry. He has worked as Asst Professor & HOD with School of Hotel Management & Tourism, Lovely Professional University, Phagwara & as Asst Professor at Amity School of Hospitality, Amity University, Noida. He is UGC NET qualified in Tourism Administration And Management & has completed Master of Hotel Management from M.D University, Rohtak. He has more than 13years of sound and significant experience in Cruise line Industry in F&B Service department with Royal Caribbean International (RCI), Miami, U.S.A. & around 5years experience of



Sanoo
Mr. Sanoo, Faculty, Business School
Erstwhile Ansal University Gurugram

SCHOOL OF ART AND ARCHITECTURE
SUSHANT UNIVERSITY
OFFICE ORDER

January 14, 2022

Ref : SAA/00/JAN/09/006A

School of Art and Architecture, Sushant University will be offering the following value added course the even semester of Academic session 2021-22.

Course details

S.No	Name of the Value Added Course	Duration (Contact hours)	Faculty	Date of commencement of the semester
1	Solar Passive Architecture	34	Ar.Surabhi Mathur, Ar. Payal Taneja	07/02/2022

*The date of commencement of the Course is subject to the provision in the timetable and the same shall be communicated by the SAA Dean Office.

The assessment of the same will be as under :

S.No	Name of the Value Added Course	Assessment methodology
1	Solar Passive Architecture	Attendance, class engagement and submission of assignments

The courses are offered free of cost. It is mandatory for the students to attend the Value added course being offered by the school in order to qualify for certification. The same will be beneficial for the students and will contribute to holistic learning.

For any queries related to the Value added course kindly contact the undersigned.



Ar. Surabhi Mathur
Assistant Professor
Co-ordinator in charge - Value added courses

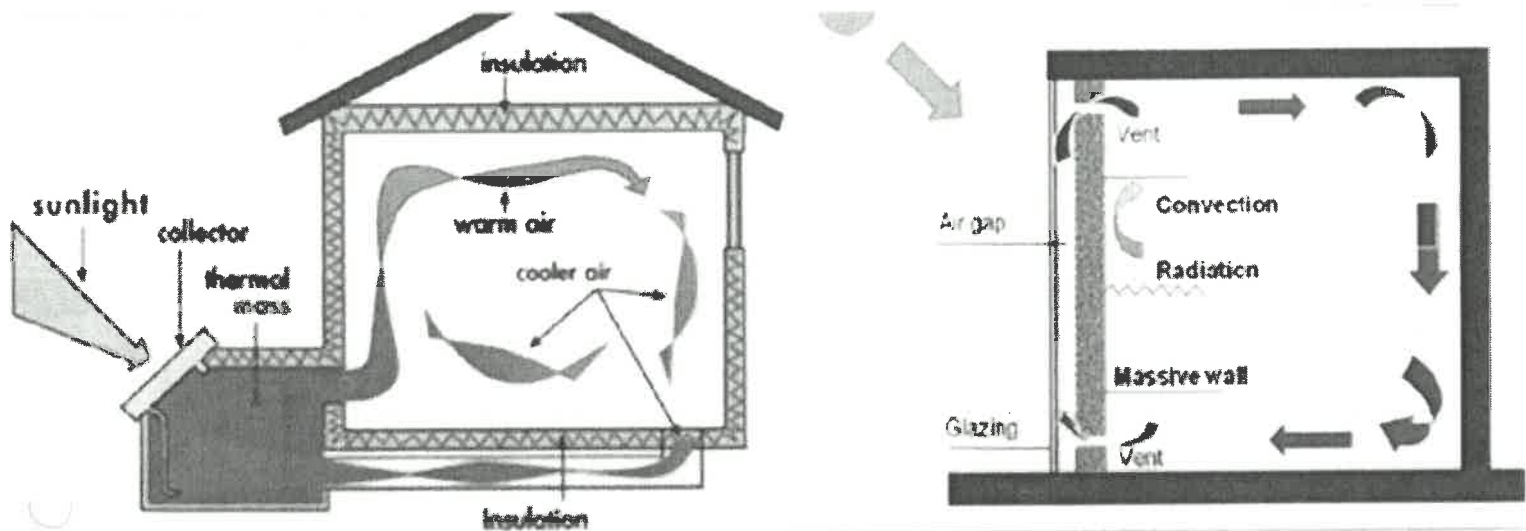


Prof Col Virendra Kumar Malik
Dean
School of Art and Architecture



VALUE-ADDED COURSE

NON-CREDIT COURSE



SOLAR PASSIVE ARCHITECTURE

Course Duration-34 Hours

Introducing Value Added Course 2021-22-Even Semester

Classes to commence from 7th February 2022

Faculty Co-ordinator: Asst. Prof. Surbhi Mathur, surbhimathur@sushantuniversity.in
Asst.Prof. Payal Taneja, payaltaneja@suhantuniversity.in

Course Objective:

The course aims to facilitate knowledge and be able to apply passive solar architecture, passive systems including modern and postmodern passive architecture.

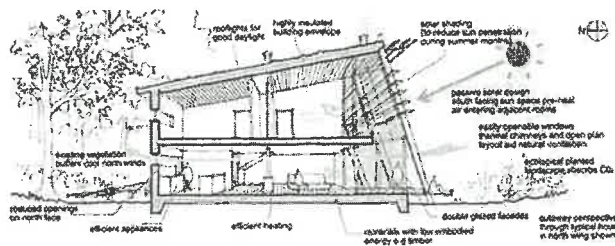
Student Learning Outcomes:

Students understood the Solar passive architecture techniques and their application in Architecture



Signature

Value Added Course Outline



Course Name: Solar Passive Architecture

Course Code: 21SAA-VA02

Name of Faculty per section –

Asst. Prof. Surabhi Mathur

Asst. Prof. Payal Taneja

Contact Days / Hours 34 hrs

Aim

The course aims to facilitate knowledge and be able to apply passive solar architecture, passive systems including modern and postmodern passive architecture.

Teaching Method

- The emphasis is given to implementation of solar passive design strategies on the basis of learnings from assignments and case studies.
- Groups of two students will be formed to study design strategies and systems followed in different climatic zones.
- The course will be conducted in a manner that students understand the concepts and are then able to stimulate critical thinking, thus to be able to apply these concepts in their project. Power point presentations to discuss/ introduce the topic, self-research by student to develop class notes.
- Students will learn through different mediums -
 - Lectures
 - Videos
 - Case Studies
 - Assignments + Projects

Course Content

Introduction of **passive solar architecture**, appreciation of Built form for different climates, building clusters and solar exposure, thermal environment. **Types of passive systems**, direct gain, thermal storage wall, attached green house, thermal storage roof and convective loop.

Classification of passive cooling systems according to the major natural source from which the cooling energy is derived. Minimizing cooling needs by building design: building shape & layout, orientation, size of windows, shading of window, colour of the envelope and climatic impact of plants around building.

Radiative cooling –The earth as a cooling source for buildings. Cooling of attached outdoor spaces. Passive solar configuration – outline of various passive systems for heat gain. Indirect Gain – Trombe wall, Water wall and Trans wall. Sun space / attached solarium / conservatory. Roof Pond / Skytherm – Vary Thermal Wall – Earth sheltered / earth bermed structures and earth-air tunnels. The use of earth-air tunnels to heat or cool the buildings.

Modern and post-modern passive architecture, methods, strategies, systems, and construction details emphasizing the passive architecture and non-active services.



Course Outcome

CO1: Students will get detailed knowledge about the importance of passive solar architecture and passive systems design at various building typologies.

Learning Outcomes

<i>Knowledge (Remember + Understand)</i>	Be able to: - define <i>passive solar architecture, direct and indirect gain</i> - list the types of passive systems - classify passive cooling systems.
<i>Skills (Apply +Analyse)</i>	Be able to: - execute passive design strategies, - implement modern and post-modern passive architecture, - solve and minimize cooling requirements, - use passive strategies, - find case studies relevant to solar passive designs, - conduct independent research on the topic, - translate theoretical concepts into spatial configurations, - show competence in resolution of all scales of architectural design and detailing, and so on.
<i>Values, Orientations and Awareness (Evaluate)</i>	Be able to: - appraise and appreciate Built form for different climates, building clusters and solar exposure, thermal environment, - select the most efficient solution for heating and cooling loads. - to demonstrate acute awareness of principles of sustainability, solar design and passive strategies. - - understand the social and economic contexts and needs of users and clients.
Design (Create)	Be able to design and construct with Solar Passive strategies, systems.

Course Modules

Module 1 – Introduction + Terminologies + Types of Passive Systems
Module 2 – Principles of Solar passive Design
Module 3 – Design Strategies
Module 4 – Modern and Post-modern Passive architecture + Case Studies
Module 5 – Implementation techniques

Deliverables

- Assignment - 01 Solar Passive Design Strategies (20% weightage)
 - Mode of Assignment – Individual
 - Mode of Submission - PPT
 Based on the allotted climatic zone, find out techniques and strategies of solar passive design along with examples and case studies.
- Assignment - 02 Case Studies (20% weightage)
 - Mode of Assignment - Group
 - Mode of Submission – PPT
 Based on Approved cities, you have to find out best examples and case studies that have used solar passive design in their projects.



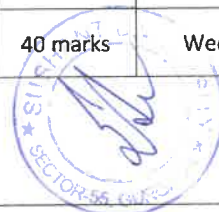
- Assignment -03 Project (60% weightage)
 - Mode of Assignment – Group
 - Mode of Submission – Sheets
- Based on the learnings from Assignment 1 & 2, design a module of a small house using different passive design strategies and systems.

Weekly Schedule

S No	WEEK DATE	LECTURE	TASK
1	Week 1 07-02-2022	Orientation about the course	Class Discussion
2	Week 2 11-02-2022	Introduction to Lesson Plan	Write about your expectations from the course
3	Week 3 18-02-2022	Module 01	Introduction to Assignment 1
4	Week 4 25-02-2022	Module 02	Discussion on Assignment 1
5	26-02-2022	Module 02 (contd)	Extra class
6	Week 5 04-03-2022	Module 03	Submission of Assignment 1
7	Week 6 11-03-2022	Module 04 a	Introduction to Assignment 2
8	Week 7 18-03-2022	Module 04 b	Discussion on Assignment 2
9	Week 8 25-03-2022	MID TERM ASSESMENT (40% of total marks)	Submission of Assignment 2
10	Week 9 01-04-2022	Remedial Week	
11	Week 10 08-04-2022	Module 05	Introduction to Assignment 3
12	09-04-2022	Module 05 (contd)	Extra Class
13	Week 11 15-04-2022	Project Discussion – Progressive marking	Discussion Stage - 01
14	Week 12 22-04-2022	Project Discussion – Progressive marking	Discussion Stage - 02
15	Week 13 29-04-2022	Project Discussion – Progressive marking	Discussion Stage - 03
16	30-04-2022	Project Discussion – Progressive marking	Extra Class
17	Week 14 06-05-2022	Project Submissions + Review Session	Assignment -3 Submission

Learning Outcomes Assessment

Assignment No.	Assignment Type	Specifications	Weightage	Submission Date	Learning Outcomes
Assessment 1	Individual	Different Climate zones + Solar passive design strategies used in them.	20 marks	Week 4	Learning Outcomes 1,2,3
Assessment 2	Group	Different Cities of climatic zones + cases studies	20 marks	Week 7	Learning Outcomes 2,3,4
Assessment 3	Individual	MID TERM	40 marks	Week 7	Learning Outcomes 1,2,3,4



Assessment 4	Group	Application of Design Strategies and Systems	60 marks	Week 13	Learning Outcomes 1,2,3,4
End Term Assessment	Individual	END TERM PORTFOLIO ASSESSMENT	100 marks (40+60)	Week 15	Learning Outcomes 1,2,3,4

Assessment Rubrics

Dimension	Below Average (0-5)	Average (5-6)	Above Average (6-7)	Good (7-8)	Excellent (8-10)
Understanding of the Topic: Technical Knowledge	Lacked technical knowledge	Little knowledge not adequate to understand	Fair knowledge capable of understanding	Good Knowledge and inquisitive	Excellent Able to answer queries
Application of the Knowledge	Unaware of application of various systems of solar passive design.	Little awareness application of various systems of solar passive design.	Fair and capable of identification various systems of solar passive design.	Good understanding of application of various systems of solar passive design.	Very Good understanding of application of various systems of solar passive design.
Presentation: Quality of work	Poor quality/ incomplete work	Quality of work not in sync with rest of the class	Fair quality of completed work	Good quality of work includes lucid and well organised sheets and drawings	Very good quality of work includes well drawn drawings, with graphics, text neatly organized thereby resulting in a professional quality work.
Compilation of data	Copied	Not adequate	Fair inputs visible	Good work relevant to the topic	Very good work with respect to the topic
Analysis of data	Inability	Unable to explain	Fair inputs visible	Good work relevant to the topic	Very good work with respect to the topic
Participation in class and projects	Poor	Moderate	Adequate	Full	Full

Plagiarism

What is Plagiarism?

The theft of ideas (such as the plots of narrative or dramatic works) or of written passages or works, where these are passed off as one's own work without acknowledgement of their true origin; or a piece of writing thus stolen.

-- The Oxford Dictionary of Literary Terms. 2008. Oxford University Press.

Common Forms of Plagiarism

- Copying directly from others without acknowledgement of the original source
- Using ideas or rephrasing text from without acknowledgement of the original source
- Using charts, tables, pictures or diagrams from others without referencing
- Reusing some parts of your previous work
- Submitting other people's work as your own

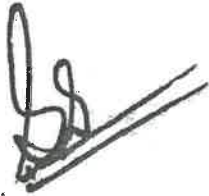


How to avoid plagiarism?

- Use your own ideas.
- Paraphrase + give proper credit to the original source.
- Use quotation marks when using exact words from other authors + give proper credit to the original source.
- Organise and track your sources and materials

Recommended Text (Reference Book)

1. Givoni Baruch, "Passive and Low Energy Cooling of Buildings", Van Nostrand Reinhold, New York, 1994.
2. Sodha, M., Bansal, N. K., Bansal, P. K., KuMEB, A., and Malik, M. A. S., "Solar Passive Buildings", Pergamon Press, Oxford, 1986.
3. Bansal Narendra, K., Hauser Gerd and Minke Gernot, "Passive Buildings Design: A Hand book of Natural Climatic Control", Elsevier Science, Amsterdam, 1994.
4. Goulding, John, R., Lewis, Owen, J., and Steemers, Theo, C., "Energy in Architecture", Bastford Ltd., London, 1986



YouTube

Nick Senske <https://www.youtube.com/user/nsenske>
Rhino Grasshopper (Parametric House)
<https://www.youtube.com/channel/UCjLDKM9EzNdASaNdjBhTqug>
Om.Egvo <https://www.youtube.com/channel/UCnRRBxzwAF4WY8bJEgwMhBA>
JunichiroHorikawa <https://www.youtube.com/c/JunichiroHorikawa/videos>
GediminasKirdeikis
<https://www.youtube.com/channel/UCiRsHYsluWwU78i9RE3nIMg>
DigitalFUTURES world <https://www.youtube.com/c/DigitalFUTURESworld>
garciadelcastillo <https://www.youtube.com/user/joseluxxx>
ParametricCamp <https://www.youtube.com/ParametricCamp>

Vimeo

Paneling Tools - <https://vimeo.com/showcase/5537925>

Instagram

Parametric House by Mohammad Yazdi -
<https://www.instagram.com/parametric.3d/> **Oleg Soroko** -
https://www.instagram.com/after_form/

Issuu

Stack of Various documents related to computational design by Arjun Kamal -
<https://issuu.com/arjunkamal/stacks/32ac8c81a95d471585c3b97886e1e488>

Plagiarism

What is Plagiarism?

The theft of ideas (such as the plots of narrative or dramatic works) or of written passages or works, where these are passed off as one's own work without acknowledgement of their true origin; or a piece of writing thus stolen.

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How to avoid plagiarism?

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- Paraphrase + give proper credit to the original source.
- Use quotation marks when using exact words from other authors + give proper credit to the original source.
- Organise and track your sources and materials



SCHOOL OF ART AND ARCHITECTURE
SUSHANT UNIVERSITY
OFFICE ORDER

August 09, 2021

Ref : SAA/00/AUG/09/034A

School of Art and Architecture, Sushant University will be offering the following value added course the odd semester of Academic session 2021-22.

Course details

S.No	Name of the Value Added Course	Duration (Contact hours)	Faculty	Date of commencement of the semester
1	Climate Change and Disaster Management	32	Ar. Ankita Yadav, Ar. Payal Taneja	06/09/2021

*The date of commencement of the Course is subject to the provision in the timetable and the same shall be communicated by the SAA Dean Office.

The assessment of the same will be as under :

S.No	Name of the Value Added Course	Assessment methodology
1	Climate Change and Disaster Management	Attendance, class engagement and submission of assignments

The courses are offered free of cost. It is mandatory for the students to attend the Value added course being offered by the school in order to qualify for certification. The same will be beneficial for the students and will contribute to holistic learning.

For any queries related to the Value added course kindly contact the undersigned.

Ankita

Ar. Ankita Yadav
Assistant Professor
Co-ordinator in charge - Value added courses



Vibhuti

Prof Vibhuti Sachdeva
Dean
School of Art and Architecture



NE

CLIMATE CHANGE AND DISASTER MANAGEMENT

Value added Course- 2021-22 Odd Semester

NON-CREDIT COURSE (Duration- 32 HOURS)

Course objectives-

The objective of this course is to initiate students with the issues of various types of natural and man-made Disasters and impart techniques of mitigation and management. This course will help to understand the phenomenon of climate change, its impact on areas and international discourses/ debates.

Classes to commence from 6th September 2021
Faculty Co-ordinator-Payal Taneja & Ankita Yadav



**Sushant University, Sector 55, Golf Course Road, Gurugram,
Haryana – 122003,
+91124 4750400/ +9112 4750501/ 1800 200 5520**





Value Added Course Outline

Course Name: Disaster Management & Climate Change

Course Code: 21SAA-VA01

Name of Faculty: Asst. Prof. Ankita Yadav

Asst. Prof. Payal Taneja

Contact Days / Hours: 32 hours

Course Outline

Aim

The objective of this course is to initiate students with the issues of various types of natural and man-made Disasters and impart techniques of mitigation and management. This course will help to understand the phenomenon of climate change, its impact on areas and international discourses/ debates.

Course Outcomes

1. **Analytical** : Picture Study- Introducing hazards, Identify the types of disaster, where, when and how.
2. **Understanding**: Definition, types of disaster to enable the student understanding to national and global levels.
3. **Creative Skill**: Diary entry, Demonstrate and able to apply high level knowledge in disaster risk reduction.
4. **Approach**: Disaster resilient designs, classifications based on group, types: earthquake, flood, landslide, cyclone, etc, causes, impact, benefits, forecasting. Disaster management cycle, agencies department.
5. **Linking**: The course includes many case studies of climate change vulnerability related to its impacts on social, demographic aspects.

Course Outcome

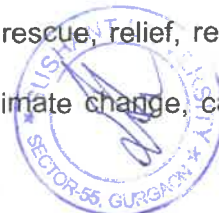
The students would be expected to:

CO1. Understand the disaster types, causes, impact and degree of damage.

CO2. Understand disaster resilient design concepts – Shape, Orientation, Materials which impact the building and its surrounding.

CO3. Understand disaster management cycle- rescue, relief, rehabilitation, mitigations and preparedness.

CO4. Understand disaster and development, climate change, causes and implications and Apply disaster resilient techniques.



Course Content

During the semester following topics will be covered:

Unit- 1

Definitions, Meaning and Types of Disasters; Overview of Disasters across the nation and World, Natural Disasters and Manmade Calamities- Statistics, Degree of Damage, Frequency of Occurrences and Other Historical Facts, Classification of Disasters in India by Predominant Types- Earthquake, Flood, Cyclone, Landslides Etc.

Unit- 2

Identification of Disaster prone areas; Disaster types, impact, classifications, causes, benefits, forecasting. Disaster Vulnerability and its types.

Unit- 3

Disaster management cycle, Preparedness, Response and Post Disaster Recovery and Rehabilitation Measures; Risk Mitigation and Risk Transfer, Technology for Rebuilding of Disaster Affected Areas, Psychological Impact on Disaster Victims, Paradigm shift, disaster and development.

Unit- 4

Recent Initiatives at International National and State Level; Kyoto Framework of Disaster Mitigation and Management; Disaster Management Policies and Act, Disaster Management agencies department, evolution of DM act, guideline and schemes. Role of institutional actors: Government, NGOs, Multilateral agencies and citizen groups.

Unit-5

Urbanisation and its impact on micro climates; urban heat islands – causes and effects; research on heat islands globally and in India. Climate change and its vulnerability, impacts on changing agricultural pattern, productivity and security, industrial concentration, weather and micro climatic changes.

Unit-6

The scale of potential change, vulnerability of particular societies, sectors and ecosystems – environment and regional concentration of heat sinks and its impact on the city and rural areas. Introduction on economics of climate change: theoretical concepts and framework of analysis; Food security and regional development; Water availability; drought and flash floods; productivity changes and its impact.

Weekly Schedule

WEEK DATE	LECTURE	TASK
Week 1 10-Sept-21	Orientation and Introduction to subject	
Week 2 17-Sept-21	Definitions, Meaning and Types of Disasters; Overview of Disasters across the nation and World, Natural Disasters and Manmade Calamities- Statistics, Degree of Damage, Frequency of Occurrences and Other Historical Facts.	Introduction to Assignment 1



Week 3 24-Sept-21	<i>Classification of Disasters in India by Predominant Types- Earthquake, Flood, Cyclone, Landslides Etc.</i>	<i>Submission of Assignment 1</i>
Week 4 01-Oct-21	<i>Identification of Disaster prone areas; Disaster types, impact, classifications, causes, benefits, forecasting.</i>	<i>Introduction to Assignment 2</i>
Week 5 08-Oct-21	<i>Disaster Vulnerability and its types.</i>	<i>Submission of Assignment 2</i>
Week 6 15-Oct-21	<i>Disaster management cycle, Preparedness, Response and Post Disaster Recovery and Rehabilitation Measures; Risk Mitigation and Risk Transfer.</i>	<i>Introduction to Assignment 3</i>
Week 7 22-Oct-21	<i>Technology for Rebuilding of Disaster Affected Areas, Psychological Impact on Disaster Victims, Paradigm shift, disaster and development.</i>	<i>Submission of Assignment 3</i>
Week 8 29-Oct-21	<i>Recent Initiatives at International National and State Level; Kyoto Framework of Disaster Mitigation and Management; Disaster Management Policies and Act.</i>	<i>Introduction to Assignment 4</i>
Week 9 05-Nov-21	<i>Break</i>	
Week 10 12-Nov-21	<i>Mid Term</i>	<i>Mid Evaluation of Assignment 1-3</i>
Week 11 19-Nov-21	<i>Disaster Management agencies department, evolution of DM act, guideline and schemes. Role of institutional actors: Government, NGOs, Multilateral agencies and citizen groups.</i>	<i>Submission of Assignment 4</i>
Week 12 26-Nov-21	<i>Urbanisation and its impact on micro climates; urban heat islands – causes and effects; research on heat islands globally and in India.</i>	<i>Introduction to Assignment 5</i>
Week 13 03-Dec-21	<i>Climate change and its vulnerability, impacts on changing agricultural pattern, productivity and security, industrial concentration, weather and micro climatic changes.</i>	<i>Submission of Assignment 5</i>
Week 14 10-Dec-21	<i>The scale of potential change, vulnerability of particular societies, sectors and ecosystems – environment and regional concentration of heat sinks and its impact on the city and rural areas.</i>	<i>Introduction to Assignment 6</i>
Week 15 17-Dec-21	<i>Introduction on economics of climate change: theoretical concepts and framework of analysis; Food security and regional development; Water availability; drought and flash floods; productivity changes and its impact.</i>	<i>Submission of Assignment 6</i>
Week 16 24-Dec-21	<i>End Term</i>	<i>Final Evaluation of all Assignments</i>



Deliverables Formative Assessments

The formative assessments shall be carried before the summative assessments to check the progress of the students.

Summative Assessments

Assessment Scheme

Assignment No.	Assignment Type	Specifications	Weightage	Submission Date	Course Outcomes
Assessment 1	Individual	Writing exercise	10 percent of total mark	Due week 3	CO1
Assessment 2	Group	Case Study presentation: Technology for Rebuilding of Disaster Affected Areas.	20 percent of total mark	Due week 5	CO2
Assessment 3	Individual	Assignment: Disaster Resilient design.	10 percent of total Mark	Due Week 7	CO2, CO3
Assessment 4	Individual	Assignment: Climate Change	10 percent of total mark	Due week 11	CO4
Assessment 5	Group	Case Study presentation: Impact of climate change on various aspects	20 percent of total mark	Due week 13	CO4
Assessment 6	Individual	Test of all units	30 percent of total Mark	Due Week 15	CO1,CO2, CO3, CO4

Plagiarism

What is Plagiarism?

The theft of ideas (such as the plots of narrative or dramatic works) or of written passages or works, where these are passed off as one's own work without acknowledgement of their true origin; or a piece of writing thus stolen.

-- The Oxford Dictionary of Literary Terms. 2008. Oxford University Press.

Common Forms of Plagiarism

- Copying directly from others without acknowledgement of the original source
- Using ideas or rephrasing text from without acknowledgement of the original source
- Using charts, tables, pictures or diagrams from others without referencing
- Reusing some parts of your previous work
- Submitting other people's work as your own

How to avoid plagiarism?

- Use your own ideas.
- Paraphrase + give proper credit to the original source.
- Use quotation marks when using exact words from other authors + give proper credit to the original source.



- Organise and track your sources and materials

Suggested Readings

1. Earth system processes and disaster management, 2013. R. Rasik and R. Sinha, R. Springer, New York.
2. Disaster Management Approaches and Strategies, 2006. Tej Singh, Akanksha Publication House, New Delhi
3. Natural hazards, 2005. B. Edwards, Cambridge University press, U.K.
4. Natural disasters, 2005. R.K Sharma and G. Sharma (eds)- APH Publishing, Delhi.
5. An overview on Natural & Manmade Disaster & their Reduction, 2005. Bhandani, R.K. CSIR, New Delhi.
6. National Disaster Act 2005. 2005. NDMA.
7. Disaster Management in Hills, 2003. S. Singh Concept publication Co., New Delhi.
8. Disaster Management, 2001. S. L. Goel, and R. Kumar, Deep and Deep Publications, New Delhi
9. Manuals on Natural Disaster Management in India, 2001. M. C, Gupta. National center for Disaster Management, IIPM, New Delhi.
10. Action plan for Earthquake, 1994. A.K, Arya, A.K, Disaster, Mitigation in V.K Sharma (ed.),
11. Disaster Management Handbook, Pinkowski J., CRC Press
12. Disaster Recovery, Brenda D. Phillips, CRC Press
13. Earthquake Architecture: New Construction Techniques for Earthquake Disaster Prevention, Garcia, Belen, New York, Loft Publications
14. Environmental Hazards : Assessing Risk and Reducing Disaster, Smith, K., David P., London, Routledge Publications
15. Handbook of Disaster Research, Rodriguez, H., ed., Quarantelli, E., ed., Dynes, R.R., ed., New York, Springer Science
16. Cities and Climate Change, OECD Publishing OECD (2010)

Anubis

V. Bharti



07/2/2022

Office Order

School of Design, Sushant University will be Offering Value Added course in the Academic session 2021-22- Even Semester 2 &4.

Course Details

S.No	Name of the Value-Added course	Duration (Contact Hours)	Courses offered for	Resource Person	Date of Commencement
1	Color & Light	33	SOD 2021-24 (I,IIYear)	Tajinder Kaur Anand	07/02/2022

The Syllabus of the courses offered is attached for your reference as annexures.

The assessment of the same will be as under:

Assessment Procedure

S.No	Name of the Value-Added course	Assessment methodology/Components
1	Color & Light	The assessment of the color discrimination is based on the analysis of 115 colorimetric surveys for 7 individual light sources

It is **mandatory for the students of the respective batches** (as mentioned in the course detail sheet) to attend the Value-added courses specially curated for them based on the gaps and need analysis. The same will be beneficial for the students and will contribute to lifelong learning.

The courses are offered **free of cost and certificates will be presented to students post completion of the course.**

For any queries related to the Value-added course kindly contact the undersigned

Tajinder Kaur Anand
Program Coordinator – Fashion & Textile
Coordinator in Charge – Value added Course



Program Coordinator




Sushant University
School of Design



Colour & Light

This course is introduction to colour theory emphasizing role of colour principles and light in design process. Various exercises are used to help students effectively communicate with colour, using the opportunity to reflect on inclusiveness and accessibility since people perceive colour and light differently.

Its a non-credited course*

Prof. Tajinder Kaur Anand
(Assistant Professor)
February 2022 - April 2022



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Tajinder



VALUE ADDED COURSE OFFERED BY.

CURRICULUM VITAE

Name: Tajinder kaur Anand

Address: M-54, 2nd floor, near Rajouri Garden

Email: tdadial.modart@gmail.com NEW-DELHI 110027.

Mobile: 9582838524

Synopsis

Highly active professional with good abilities as given below and want to see my career with organization of repute if given a chance.

Committed team player with flexible in approach.

Enthusiastic person with good communication skills, confident in presentation skills also.

Result oriented

Proficient in handling multiple tasks and projects simultaneously in challenging environments.

A proactive learner with a flair for adopting emerging trends & addressing industry requirements to achieve organizational objectives & profitability norms.

An effective communicator with strong analytical, problem solving & organizational abilities.

Preferred Industry: Educational academy/institutes/looking after academic growth programs

Preferred Functional areas: Professor/lecturer /facility

Team Management

V Monitoring key processes & supporting the team to ensure achievement of objectives & timelines.

V Supervising the performance of members to ensure efficiency in operations; meeting of individual & group targets.

V Streamlining efforts for attainment of short and long term goals of the company taking into care the mission.

V Guiding the team members for the accomplishment of company's goals

Holding an experience of 13 Years in Fashion Industry in Teaching

Academic & Professional Records

PGD + MBA in Design Management 2018

Bachelor's of Arts: Delhi University, India 2002

Master's Diploma 3 yrs in Information Technology in 2002

2 Year's Diploma in Fashion Designing 2007

Certificate in Professional in Fashion CAD in 2013

Certificate in participating in the workshop on Quality Assurance in Fabric & Garment through Inspection 2015

Certificate in Retail Management 2016

Certificate in CLO + Optitex 2D & 3D 2022

Achievements

- First position in sketching event held on 1996 at CHHOTU RAM RURAL INSTITUTE OF TECHNOLOGY.
- Inter collage competition in Sketching event held on 18th of March, 2006 at BHIM RAO AMBEDKAR COLLEGE. Secured First position.
- ORGANISED A FASHION SHOW AT DILLI HATT ON 2 JAN 2009 for DICS.

- ORGANISED A FASHION SHOW - Mentor students in the Fashion show of Graduation Design Collection in 2013 at Surya Hotel in New Friends Colony for MOD'ART INTERNATIONAL
- ORGANISED A FASHION SHOW - Mentor students in the Fashion show of Graduation Design Collection in 2015 at Surya Hotel in New Friends Colony for MOD'ART INTERNATIONAL.
- ORGANISED A FASHION SHOW - Mentor students in the Fashion show of Graduation Design Collection in 2017 on 5th may at Talkatora Stadium in Asian Designer Week for MOD'ART INTERNATIONAL.
- ORGANISED A FASHION SHOW - Mentor students in the Fashion show of Semester 4&6 Collection in 2020 at Apeejay College for ANSAL UNIVERSITY.
- ORGANISED A FASHION SHOW - Mentor students in the Fashion show of Semester 3& 7 Collection in 2020 at ANSAL UNIVERSITY. For ANSAL UNIVERSITY.

PROFESSIONAL EXPRIENCE

ANSALUNIVERSITY : Working with Ansal University as a Lab Instructor(**full -time**) in Fashion Designing Department from 4th FEBRUARY 2021 TILL PRESENT

ANSAL UNIVERSITY Worked with Ansal University as a Lab Instructor (**full -time**) FEBRUARY 2020 and then again appointed as a Visiting Faculty in Fashion Designing Department.

JD INSTITUTE Working with Jd Institute as a Senior Fashion faculty In Fashion Designing Department (**full -time**) from 26th September 2019 till February 2020

LONDON SCHOOL OF TRENDS Worked with a UK Branch based in Delhi as Fashion Design Faculty (**full -time**) from 10th JUNE 2017- till May 2019

MOD'ART INTERNATIONAL worked with a franchise of the Parisian Institute of Design as Faculty in Fashion Designing (**full -time**) from MARCH 2010 to APRIL 2016 (PFM Indian Brand which collaborated with Modart Internation worked as **Senior Fashion Faculty (full -time)** from 1st APRIL 2016 to JANUARY 2017)

DICS. Worked as a **HOD Fashion Designing Faculty (full -time)** from 26th JULY 2009 to MARCH2010

SIFTS (SHOKEENDA INSTITUTE OF FASHION TECHNOLOGY). - Fashion Designing Faculty (**full -time**) from JULY 2008 TO JUNE 2009.

Job Profile:- Expertise in technical core subjects like Pattern Making, Garment Construction, Surface Ornamentation, Fashion Culture and CAD (CLO & OPTITEXT 2D & 3D).

Computer ability

ADDITIONAL TRAINING & EXPERIENCE

[3YRS OF DBMS COURSE [TATA INFOTECH]
Certificate in Professional in Fashion CAD(Photoshop, corel draw, Reach fashion studio, reach fashion cad from DREAM ZONE)



PERSONAL INFORMATION

Date of Birth: 20/03/1979
Husband Name: Harvinder singh Anand
Mobile No: 9582838524
Current Address: M-54, 2nd Floor Rajouri Garden, New-delhi-110027



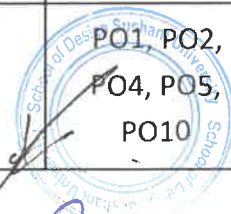
Objective:

The main objective of this course is introduction to colour theory emphasizing role of colour principles and light in design process. Various exercises are used to help students effectively communicate with colour, using the opportunity to reflect on inclusiveness and accessibility since people perceive colour and light differently. The units of the subject are designed to develop basic skills and confidence of playing with colours through colour-mixing exercises, understanding of hue, value and saturation, tints, tones and shades and understanding light at different times during the day,

Course Outcomes:

Mapping between COs and POs

	Course Outcomes (COs)	Mapped Programme Outcomes
CO1	Develop and demonstrate basic understanding of basic colour theory, colour analysis and colour and light control.	PO1, PO2, PO3, PO4, PO5, PO7, PO10
CO2	Explore numerous concepts and ideational/iterative experimentations that apply basic theories of color and identify and create colour schemes	PO1, PO2, PO3, PO4, PO5, PO7, PO10
CO3	Develop an ability to handle the color mixing and application techniques	PO1, PO2, PO4, PO5, PO7, PO10
CO4	Know how to use the color wheel, color combinations, complimentary and harmonizing color schemes	PO1, PO2, PO3, PO4, PO5, PO7, PO10
CO5	Understand and apply color principles and analyze emotional aspects of color in design practice	PO1, PO2, PO3, PO4, PO5, PO7, PO10

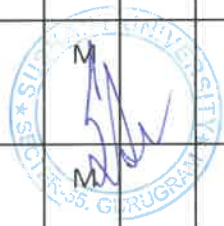


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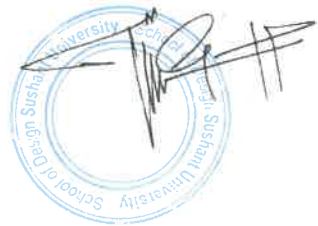


Relationship between the Course Outcomes (COs) and Program Outcomes (POs)

PO Keywords												
Course Outcomes	PO 1	PO 2	PO 3	PO 4	PO 5	PO6	PO 7	PO 8	PO9	PO 10	PO11	PO12
CO 1	H	L	L	M	L		M				H	
CO 2	H	L	L	M	L		M				H	
CO 3	H	L	L		L		M				H	
CO 4	H	L	L	M	L		M				H	
CO 5	H	L	L	M	L		M				H	



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L= Weakly mapped

M= Moderately

mapped H= Strongly

mapped

Scheme:

This course is comprised of about 30 contact hours divided into 15 lectures and 15 tutorials hours spread over 15 weeks of semester.

Course Contents:

Module 1: Introduction to colour theory and light

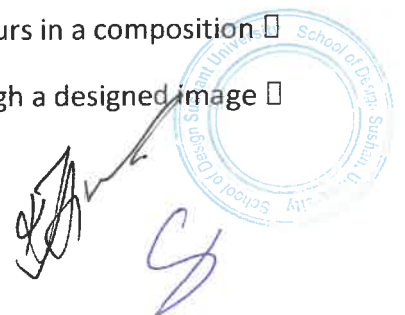
- Identifying fundamental colour concepts
- Understand additive and subtractive ways of colour reproduction
- Creating grayscale chart using black and white poster colours only
- Colour wheel: primary, secondary and tertiary colours using poster colours
- Colour wheel and its use
- Munsell diagram: hue, tint, tone, value, chroma
- Understanding behaviour of light

Module 2: Influence of colour interaction on colour perception

- Exercises on different types of colour schemes and their applications.
- Exercises on harmonising colours
- Colour Communication
- Colour observations in daily surroundings and understanding their impact on our daily lives
- Understanding the impact of colours and light in cinema.

Module 3: Colour and light as an integral part of composition

- Identifying and understanding the use of cool colours and warm colours in a composition.
- Using colours to attract and lead the eye rhythmically across and through a designed image
- Identifying and creating colour schemes/palettes inspired from nature.
- Capturing same scenes under different lighting conditions



Pedagogy:

All sessions are self-exploratory with a few demonstrations wherever required. Each student is required to do research and brain about colours. A few presentations and videos would also be shared in order to get a broader perspective of colour in design. All assignments will be application



based keeping user-centric approach.

Text & References:

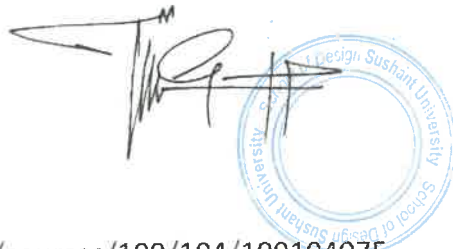
- Goethe, J. W., & Eastlake, C. L. (1970). Theory of colours. Cambridge, Mass: M.I.T. Press.
- Eckstut, A., & Eckstut, J. (2013). The secret language of color: Science, nature, history, culture, beauty of red, orange, yellow, green, blue, and violet. New York: Black Dog & Leventhal.
- Bachmann, U. (2011). Colour and light. Sulgen: Niggli.
- Anderson, F. E. (2006). Colour: How to use colour in art and design. London: Laurence King.
- 5. Feisner, E. A., & Reed, R. (2014). Color studies. New York: Fairchild Books.
- De, B. E. (2015). Serious creativity: Using the power of lateral thinking to create new ideas, Harper Business
- Itten, J., & In Birren, F. (2003). The Elements of color. New York [N.Y.: John Wiley & Sons.
- 8. Albers, J. (2013). The interaction of color, New Haven: Yale University.
- King, D. B., & Wertheimer, M. (2008). Max Wertheimer & Gestalt theory. New Brunswick, NJ: Transaction Publ.
- Smith, R. (2009). The artist's handbook. London: Dorling Kindersley.



□ Berger, J. (2012). Ways of seeing: Based on the BBC television series with John Berger. London: British Broadcasting Corp.

□ McAlhone, B., Stuart, D., Quinton, G., & Asbury, N. (2016). A smile in the mind: Witty thinking ingraphic design.

Ray, A. (2012). Color In Design [MOOC]. NPTEL.



<https://nptel.ac.in/courses/109/104/109104075>



07/9/2021

Office Order

School of Design, Sushant University will be Offering Value Added course in the Academic session 2021-22- ODD Semester 7.

Course Details

S.No	Name of the Value-Added course	Duration (Contact Hours)	Courses offered for	Resource Person	Date of Commencement
1	Exhibition Design	33	SOD 2018-21 (IV Year)	Bhavya Arora	07/09/2021

The Syllabus of the courses offered is attached for your reference as annexures.

The assessment of the same will be as under:

Assessment Procedure

S.No	Name of the Value-Added course	Assessment methodology/Components
1	Exhibition Design	Studio session with one on one tutorials, presentation by the students followed by a feedback

It is **mandatory for the students of the respective batches** (as mentioned in the course detail sheet) to attend the Value-added courses specially curated for them based on the gaps and need analysis. The same will be beneficial for the students and will contribute to lifelong learning.

The courses are offered **free of cost and certificates will be presented to students post completion of the course.**

For any queries related to the Value-added course kindly contact the undersigned

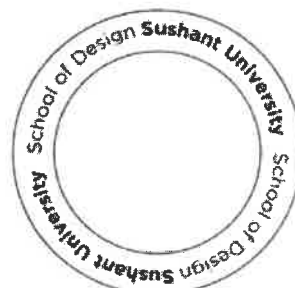


Tajinder Kaur Anand
Program Coordinator – Fashion & Textile
Coordinator in Charge – Value added Course

Program Coordinator

Dean






VALUE ADDED COURSE OFFERED BY

Phone no. : +91 9560311692
E-MAIL : barora805@gmail.com

BHAVYA ARORA

INTERIOR DESIGNER



ABOUT ME

I am an interior enthusiast who is looking forward for a good opportunity in the vast field of design in order to gain a good experience, practical knowledge & expertise in work. I'm looking for an opportunity which will make use of my existing skills and experience and also enrich my personal and professional development.






NAME BHAVYA ARORA

D.O.B 02.07.1996

ADDRESS DU-106, PITAM PURA, DELHI-110034

CONTACT +91 9560311692
BARORAS05@GMAIL.COM

HOBBIES

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NATIONALITY HINDU

LANGUAGES ENGLISH, HINDI

INTERESTS DOGS, FOOD, MUSIC

LINKEDIN <https://www.linkedin.com/in/barora805/>

EDUCATION

2018-2020 Masters In Design (M.DES - INTERIOR DESIGN)
SUSHANT SCHOOL OF DESIGN, ANSAL UNIVERSITY

2015-2018 Bachelors In Vocational Studies (B.VOC - INTERIOR DESIGN)
MEERABAI INSTITUTE OF TECHNOLOGY, IIP UNIVERSITY

2013-2015 X-XII QUEEN MARY'S SCHOOL (CBSE)

EXPERIENCE

2021 DESIGN CONSULTANT
TRUKEY SOLUTIONS, GURGAON (APR-PRESENT)

PART TIME LECTURER
MEERA BAI INSTITUTE OF TECHNOLOGY, MAHARANI BAGH
-Teaching Interior Design as a subject to II & III. (OCT-PRESENT)
year Diploma students.

2019 INTERIOR DESIGNER
IN DESIGN, RAJOURI GARDEN
-Worked in residential & commercial interiors along with technical drawings and 3d modelling (DEC-OCT'20)







INTERN
IN DESIGNS, RAJOURI GARDEN
-Worked on residential projects, 3d modelling on sketchup (JULY-AUG)

2018 INTERN
ASIAN PAINTS, EAST DELHI
-Basic painter course along with wallpaper and decal application. (JAN-FEB)

2017 INTERN
VARCHIN DESIGNS, ROHINI
-Worked on residential projects. (JULY-SEPT)

INTERN
QUEST ALLIANCE, NGO
-Helped student build their LINKEDIN profile to connect via social media. (SEPT-OCT)

SKILLS

RESIDENTIAL DESIGNING	PROJECT MANAGEMENT
COMMERCIAL DESIGNING	MOOD BOARDS, STYLE BOARDS
INTERIOR STYLING	SOFT FURNISHINGS, MATERIALISING
GRAPHIC DESIGNING	PRODUCT DESIGNING
FURNITURE DESIGNING	CONCEPTUALISING
SPATIAL PLANNING	RENDERING- LUMION 8.0
ESTIMATION - BOQ	



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SushantUniversity
School of Design



Bhavya Arora
(Teaching Assistant)

September 2021 - December 2021


Exhibition Design

Exhibition design refers to the process of creating the layout, structure, and visual elements of an exhibition or display. It involves the strategic arrangement of artifacts, information, graphics, lighting, and other design elements to convey a specific message or narrative to the audience.

Its a non-credited course*



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	School of Design COURSE OUTLINE
Course Title: Exhibition Design Course Code: 21SOD-VAC2 <i>NON CREDIT COURSE</i>	
Course Designed by: Ms. Bhavya Arora E-mail: bhavyaarora@sushantuniversity.edu.in	Course Designed by: Ms. Bhavya Arora E-mail: bhavyaarora@sushantuniversity.edu.in
Pre-requisites:	

1. Course Outcomes:

Upon successful completion of the course, the student should be able to

CO1: Understanding of Exhibition Design Principles: Students will gain a comprehensive understanding of the principles and elements of design as they apply to exhibition spaces. They will learn about spatial layout, color theory, lighting, typography, and other fundamental design concepts.

CO2: Concept Development: Students will learn how to develop and communicate a concept or theme for an exhibition. They will understand the importance of conceptual thinking and how to translate ideas into a cohesive design plan.

CO3: Research and Analysis: Students will learn research methods to gather information and analyze the target audience, subject matter, and context of an exhibition. They will develop skills in conducting effective research to inform their design decisions.

CO4: Design Development: Students will learn the process of developing exhibition designs, including creating sketches, floor plans, and 3D models. They will explore different design options and develop a cohesive visual language for the exhibition.




2.	<i>Understanding Elements and structure of exhibition</i>	Unit- I
3.	<i>Learning different types of exhibition</i>	Unit- I
4.	<i>Live case study for better understanding.</i>	Unit- I
	<i>Assesment based on analysis of case study done.</i>	Unit -II

6.	<i>Learning to do site analysis.</i>	Unit -II
7.	<i>Introduction to the existing sites for design .</i>	Unit -II
8.	<i>Building a client brief. according to the brief.</i>	Unit -II
9.	<i>Concept development according to the brief.</i>	Unit -II

10.	<i>Finalise themes and colour scheme for the client.</i>	Unit-III
11.	<i>Understanding difference between private, semi-private & public zones.</i>	Unit-III
12.	<i>Discussions on the basis of different layouts iterations.</i>	Unit-III
13.	<i>Continued Discussion on the basis of different layouts iterations</i>	Unit-III
14.	<i>Detailed discussions on furniture layout iterations.</i>	Unit-IV
15.	<i>Detailed discussions on furniture layout iterations.</i>	Unit-IV
16.	<i>Design Development + Learning to</i>	Unit-IV

	<i>prepare technical drawing</i>	
17.	<i>Assesment</i>	Unit-IV

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9/08/2021

Office Order

School of Business, Sushant University will be offering the following Value-Added Course in the Odd Semester, 2021-2022 academic year (July to Dec.):

A value-added course is a specialized program designed to enhance specific skills or knowledge areas beyond the core curriculum. It offers practical and industry-relevant training, equipping individuals with valuable expertise and increasing their employability.

Course Details

S. No	Course Title	Course Code	Course Offered for	Course Instructor	Date of Commencement	Duration (Contact Hours)
1	Introduction to Sustainable Development	21SOB-VA01	All active SOB students	Dr. Nidhi Chowdhry	16/08/2021	36 Hours

The Syllabus of the courses offered is attached for your reference as annexures.

This course is optional for all the students of School of Business to attend the Value-added courses specially curated for them based on the gaps and need analysis. However, it is advisable for all the students to register for the course. The same will be advantageous for the students and support lifelong learning.

This course is offered **free of cost** and certificates will be presented to students post successful completion of the course, **to those who have maintained a minimum attendance of 75%.**

For any queries related to the Value-added course kindly contact the undersigned

Dr. Nidhi Chowdhry

Course Instructor – Value-added Course



Dean
School of Business



Value Added Course (Non-Credit)

Introduction to Sustainable Development

Program Highlights:

- Historical context and evolution of sustainability concepts
- Social Sustainability and Economic Sustainability
- Sustainable Development Goals (SDGs) and Sustainable Development and Public Policy
- Principles of sustainable consumption and production

Start Date: 16th August 2021

End Date: 20th Dec. 2021

Contact Hours - 36

Course Coordinator :

Dr. Nidhi Chowdhury



Certificates will be awarded at the completion of the value added course

VALUE ADDED COURSE SYLLABUS

Course Title: Introduction to Sustainable Development

Course Code: 21SOB-VA01

Contact Hours: 36

Credits: Non-Credit

Course Objective:

The value-added course in Introduction to Sustainable Development provides students with a comprehensive understanding of the principles and practices of sustainability. The course explores various dimensions of sustainability, including environmental, social, and economic aspects.

Course Outcomes:

By the end of this Introduction to Sustainable Development value-added course, students will be able to:

CO1: Understand the concept of sustainable development and its relevance in addressing global challenges.

CO2: Identify and analyze the environmental, social, and economic dimensions of sustainability.

CO3: Evaluate the interconnections between various sustainability issues and their impact on communities and ecosystems.

CO4: Assess and critically evaluate sustainable development strategies and initiatives at local, national, and global levels.

Course Contents:

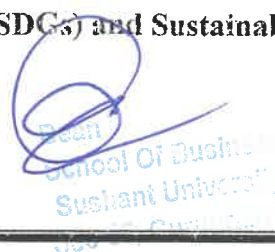
Module 1: Introduction to Sustainable Development and Environmental Sustainability

Defining sustainable development and its goals, Historical context and evolution of sustainability concepts, the role of individuals, communities, and governments in sustainable development
Understanding ecological systems and their importance, Biodiversity conservation and ecosystem management, Climate change and sustainable energy solutions

Module 2: Social Sustainability and Economic Sustainability

Social equity, justice, and human rights in sustainable development, Community engagement and participatory approaches, Sustainable urban development and transportation, Sustainable business practices and corporate social responsibility, Circular economy and resource management, Sustainable finance and investment

Module 3: Sustainable Development Goals (SDGs) and Sustainable Development and Public Policy



Overview of the United Nations' Sustainable Development Goals, Analyzing the interconnections between the SDGs, Case studies on successful implementation of SDGs, Policy frameworks and governance structures for sustainable development, Sustainable development indicators and monitoring progress, Role of international organizations and agreements in promoting sustainability

Module 4: Sustainable Consumption and Production and Sustainable Technologies and Innovation

Principles of sustainable consumption and production, Waste management and recycling strategies, Sustainable food systems and agriculture, Role of technology in promoting sustainable development, Clean technologies and renewable energy solutions, Innovative approaches to sustainability challenges

Textbook:

1. "Sustainability: A Comprehensive Foundation" by Tom Theis and Jonathan Tomkin

Reference Books:

1. "Introduction to Sustainable Development" by Peter P. Rogers, Kazi F. Jalal, and John A. Boyd
2. "Sustainable Development: Principles, Frameworks, and Case Studies" by Okechukwu Ukaga and Idowu Ajibade
3. "The Sustainability Revolution: Portrait of a Paradigm Shift" by Andres R


Dean
School Of Business
Sushant University
Sec-55, Gurugram Haryana





Course Outline

Course Title: Introduction to Sustainable Development

Semester: Odd		Academic Year: 2021		Value Added Course		Credits: Non – Credited	
Course Designed by: Dr. Nidhi Chowdhry e:mail: nidhichowdhry@sushantuniversity.edu.in				Course Instructor: Dr. Nidhi Chowdhry e:mail: nidhichowdhry@sushantuniversity.edu.in			
Pre-requisites: N/A							
Ser No	Date	Week No	Session No.	Content covered	Pedagogy		
1	16 & 18 Aug	1	1 & 2	Defining sustainable development and its goals, Historical context and evolution of sustainability concepts	Historical Timeline: Present a historical timeline and evolution of sustainability concepts, showcasing key milestones and shifts in societal perspectives towards sustainability.		
2	23 Aug	2	3	Role of individuals, communities, and governments in sustainable development	Encourage collaborative projects that require learners to analyze and propose solutions to real- world sustainability challenges, fostering a deeper understanding of the various roles in sustainable development.		
3	25 Aug & 1 Sep	3	4 & 5	Understanding ecological systems and their importance, Biodiversity conservation and ecosystem management	Visual Representation: Utilize visual aids, such as diagrams and videos, to explain ecological systems and their significance in maintaining biodiversity.		
4	6 & 8 Sep	4	6 & 7	Climate change and sustainable energy solutions	Interactive Solutions: Engage learners in interactive discussions and activities to explore sustainable energy solutions, such as renewable energy sources and energy- efficient practices, encouraging them to think critically about addressing climate change.		
5	13 & 15 Sep	5	8 & 9	Social equity, justice, and human rights in sustainable development	Group Discussions: Foster group discussions and debates on the importance of addressing these aspects in sustainable development, encouraging learners to think critically and empathetically about the topic.		



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6	20 & 22 Sep	6	10 & 11	Community engagement and participatory approaches	Community Involvement: Emphasize the importance of involving the community in decision-making processes.
7	27 & 29 Sep	7	12 & 13	Sustainable urban and development transportation	Facilitate discussions on eco-friendly transportation solutions, allowing learners to see and analyze sustainable practices in action.
8	4 & 6 Oct	8	14 & 15	Sustainable business practices and corporate social responsibility	Present real-world examples of businesses implementing sustainable practices and corporate social responsibility (CSR).
9	11 & 13 Oct	9	16 & 17	Circular economy and resource management, Sustainable finance and investment	Resource Management Simulation: Implement a resource management simulation where learners make decisions on resource use in a circular economy context.
10	18 & 20 Oct	10	18 & 19	Overview of the United Nations' Sustainable Development Goals, Analyzing the interconnections between the SDGs	Goal Introduction: Present an overview of the United Nations' Sustainable Development Goals (SDGs), explaining each goal's objectives and significance.
11	25 & 27 Oct	11	20 & 21	Case studies on successful implementation of SDGs	Case Study Analysis: Present various case studies highlighting successful implementations of specific SDGs in different regions and sectors.
12	1 & 3 Nov	12	22 & 23	Policy frameworks and governance structures for sustainable development, Sustainable development indicators and monitoring progress	Discussions: Engage learners in discussions about policy frameworks and governance structures at various levels (local, national, and international) that support sustainable development.
13	8 & 10 Nov	13	24 & 25	Role of international organizations and agreements in promoting sustainability	Interactive Presentations: Have learners research and create interactive presentations on the role of international organizations (e.g., UN, WHO) and agreements (e.g., Paris Agreement) in promoting sustainability.



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14	15 & 17 Nov	14	26 & 27	Principles of sustainable consumption and production,	Multimedia Presentations: Utilize multimedia presentations, including videos and infographics, to introduce the principles of sustainable consumption and production, waste management, recycling, and sustainable food systems.
15	22 & 24 Nov	15	28 & 29	Waste management and recycling strategies, Sustainable food systems and agriculture	Organize workshop on waste management and recycling, where learners actively engage in sorting, recycling, and waste reduction activities.
16	29 Nov & 1 Dec	16	30 & 31	Role of technology in promoting sustainable development	Technology Showcases: Showcase various technologies used in promoting sustainability through multimedia presentations and demonstrations.
17	6 & 8 Dec	17	32 & 33	Clean technologies and renewable energy solutions	Technology Demonstrations: Showcase clean technologies and renewable energy solutions through interactive demonstrations, providing a visual understanding of their functioning.
18	13 Dec	18	34	Innovative approaches to sustainability challenges	Present learners with various sustainability challenges and share case studies that highlight innovative approaches and successful solutions.
19	15 & 20 Dec	19	35 & 36	Class presentations on assigned topics	Offline PPTs



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Resource Person –Value Added Course

Dr. Nidhi Chowdhry

Associate Professor

(PhD, MA. (Economics), BA. (Hons) - Economics)

Affiliation: Associate Professor, Sushant University,
Gurugram – 122003, Haryana

Area of Expertise: Economics, International
Business

Phn. No.: 9818156243

Email Id: nidhichowdhry@ansal university.edu.in



Dr. Nidhi Chowdhry is a Ph.d in Management with Post Graduate in Economics from Jamia Milia Islamia and B.A (Eco) Hons from Delhi University. She has a professional span of more than 18 yrs. She has keen interest in various administrative and academic activities. Prior to teaching, she has worked in Industry and has good corporate experience as well. Her work has spanned from establishing and maintaining corporate relations for established ventures, building appraisal reports for various ventures, solutions within the group / organization for better co-ordination and development of reports. Her area of interests are Economics and International Business.

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Sec-55, Gurugram Haryana



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3/02/2022

Office Order

School of Business, Sushant University will be offering the following Value-Added Course in the Even Semester, 2021-2022 academic year (Jan. to June).

A value-added course is a specialized program designed to enhance specific skills or knowledge areas beyond the core curriculum. It offers practical and industry-relevant training, equipping individuals with valuable expertise and increasing their employability.

Course Details

S. No	Course Title	Course Code	Course Offered for	Course Instructor	Date of Commencement	Duration (Contact Hour)
1	Legal Literacy	21SOB-VA02	All active SOB students	Dr. Naveen Nandal	14/02/2022	36 Hours

The Syllabus of the courses offered is attached for your reference as annexures.

This course is optional for all the students of School of Business to attend the Value-added courses specially curated for them based on the gaps and need analysis. However, it is advisable for all the students to register for the course. The same will be advantageous for the students and support lifelong learning.

This course is offered **free of cost** and certificates will be presented to students post successful completion of the course, **to those who have maintained a minimum attendance of 75%.**


For any queries related to the Value-added course kindly contact the undersigned

Dr. Naveen Nandal

Course Instructor – Value-added Course

Officiating Dean

School of Business


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School Of Business
Sushant University
Sec-55, Gurugram



Value Added Course (Non-Credit)

Legal Literacy

Program Highlights:

- Understanding fundamental rights and liberties
- Criminal procedure and the role of key actors in the criminal justice system
- Intellectual property rights
- Legal considerations for entrepreneurs and small businesses

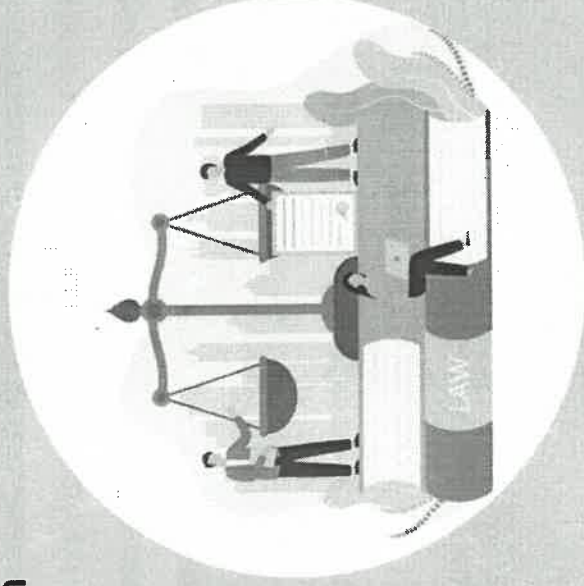
Start Date: 14th February 2022

End Date: 31st May 2022

Contact Hours - 36

Course Coordinator :

Dr. Naveen Nandal



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Gurugram

Certificates will be awarded at the completion of the value added course

VALUE ADDED COURSE SYLLABUS

Course Title: Legal Literacy

Course Code: 21SOB-VA02

Contact Hours: 36

Credits: Non-Credit

Course Objectives:

The value-added course in Legal Literacy aims to provide students with a foundational understanding of key legal concepts and principles. The course covers various areas of law, including criminal law, contract law, constitutional law, and intellectual property law.

Course Outcomes:

By the end of this Legal Literacy value-added course, students will be able to:

CO1: Understand the fundamental principles and concepts of law, including constitutional law, criminal law, contract law, and more.

CO2: Identify legal issues and apply legal reasoning to analyze and evaluate different situations.

CO3: Develop critical thinking skills to assess legal arguments and make informed decisions.

CO4: Apply legal knowledge to personal and professional contexts, making informed choices.

Course Contents:

Module 1: Introduction to Law and Legal Systems and Constitutional Law and Human Rights

Definition and sources of law, Different types of legal systems (common law, civil law, etc.), Role of law in society and the legal profession, Introduction to constitutional law and its significance, Understanding fundamental rights and liberties, Analysis of landmark constitutional cases

Module 2: Criminal Law and Contract Law

Overview of criminal law and its purpose, Elements of a crime and classification of offenses, Criminal procedure and the role of key actors in the criminal justice system, Introduction to contract law and its principles, Essential elements of a valid contract, Contractual rights and obligations of parties

Module 3: Tort Law and Intellectual Property Law

Understanding the concept of torts and their classifications, Analysis of common types of torts (e.g., negligence, defamation), Liability and remedies in tort cases, Overview of intellectual property rights (copyright, trademark, patent), Protecting and enforcing intellectual property rights, Emerging issues in intellectual property law (e.g., digital piracy, online infringement)


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Module 4: Family Law and Consumer Protection and Business Law

Introduction to family law and its scope, Marriage, divorce, and legal implications of family relationships Child custody, support, and property division in family law cases, Understanding consumer rights and protection measures, Overview of business law, including contract formation and business structures, Legal considerations for entrepreneurs and small businesses

Textbook:

1. Introduction to Law by Jeffrey F. Beatty and Susan S. Samuelson

Reference Books:

1. Law 101: Everything You Need to Know About the American Legal System" by Jay M. Feinman
2. Legal Writing in Plain English: A Text with Exercises" by Bryan A. Garner
3. Criminal Law Handbook: Know Your Rights, Survive the System" by Paul Bergman and Sara J. Berman-Barrett
4. Understanding Contract Law" by John Adams and Roger Brownsword



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Course Title: Legal Literacy		Course Code: 21SOB-VA02	
Term: Jan to June 2023 (Even Sem)	Academic Year: 2021-22	Value Added Course	Credits:
Course Designed by: Dr. Naveen Nandal		Course Instructor: Dr. Naveen Nandal	
E-mail: naveennandal@sushantuniversity.edu.in		E-mail: naveennandal@sushantuniversity.edu.in	
Pre-requisites: N/A			

- 1. Course Outcomes:** Upon successful completion of the course, the student should be able to
CO1: Understanding the scientific value of the laws of India;
CO2: The Proposed course aims to acquaint students with the structure and manner of functioning of the legal system in India.
CO3: To make them aware of the institutions that comprise the legal system - the courts, police, jails and the system of criminal justice administration.
CO4: Have a brief knowledge of the Constitution and laws of India Promoting the youths to do research in the various fields of Indian knowledge system.

2. Text Books

- Dr. R.K. Bangia, LAW OF TORTS including Compensation under the Motor Vehicles Act and Consumer Protection Act, Allahabad Law Agency, 24th edition, 2019.
- S. C. Tripathi Alternative Dispute Resolution System (ADR) Central Law Publications, 3rd Edition, 2018.

3. Reference Books

- Dr. J.N. Pandey Constitutional Law of India Central Law Agency, 2019.
- Dr. Jyoti Rattan and Dr. Vijay Rattan Cyber laws & Information Technology Bharat Law House Private Ltd., Seventh Edition, 2019.



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4. Lecture Plan

Session No.	Session Topic / Sub-topic Description	Unit No.	Date		Methodology used (PPT, White Board, Audio/Video, Practical, Visit, Self Study based)
			Planned on	Taken on	
1	Overview of Legal Literacy	Module 1	15/02/2022	15/02/2022	PPT & White Board
2	Introduction to Law and Legal System	Module 1	16/02/2022	16/02/2022	PPT, White Board & Video
3	Definition of Constitutional Laws and Human Rights	Module 1	22/02/2022	22/02/2022	PPT & White Board
4	Role of Laws in Society and legal Profession	Module 1	23/02/2022	23/02/2022	PPT & White Board
5	Brief understanding of the laws applicable in India	Module 1	01/03/2022	01/03/2022	PPT & White Board
6	Constitution - Fundamental Rights, Fundamental Duties	Module 1	02/03/2022	02/03/2022	PPT, White Board & Audio
7	RTI: Concept, Object and Purpose	Module 1	08/03/2022	08/03/2022	PPT & Case Study
8	Offences under the Indian Penal Code, Juvenile Justice	Module 1	09/03/2022	09/03/2022	PPT & Self Study
9	Women's Rights under Indian Legal System	Module 1	15/03/2022	15/03/2022	PPT & Self Study
10	Criminal Law and Contract Law	Module II	16/03/2022	16/03/2022	PPT & White Board

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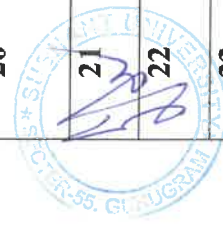
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11	Overview and Purpose of Criminal Law and Contract Law	Module II	22/03/2022	22/03/2022	PPTs
12	Essential elements of Valid Contract	Module II	23/03/2022	23/03/2022	PPT & Self Study
13	Laws Relating to Criminal Jurisdiction	Module II	29/03/2022	29/03/2022	PPT & Self Study
14	Provision relating to filing an FIR, Arrest, Bail Search and Seizure	Module II	30/03/2022	30/03/2022	PPT & Practical
15	Provision relating to filing an FIR, Arrest, Bail Search and Seizure	Module II	05/04/2022	05/04/2022	White Board, Audio & Video
16	Important offences under the Indian penal Code	Module II	06/04/2022	06/04/2022	White Board, Audio & Video
17	Offences against Women, Juvenile Justice	Module II	12/04/2022	12/04/2022	PPT, White Board & Video
18	Prevention of Atrocities on Scheduled Castes and Scheduled Tribes	Module II	13/04/2022	13/04/2022	PPT & Self Study with Case
19	Tort Laws and Intellectual Property Rights Laws	Module III	19/04/2022	19/04/2022	PPT & Self Study with Case
20	Understanding of Torts and classifications	Module III	20/04/2022	20/04/2022	PPT & White Board
21	Analysis of common types of tort	Module III	26/04/2022	26/04/2022	PPT & White Board
22	Protection of IPR	Module III	27/04/2022	27/04/2022	PPT & White Board
23	Emerging issues in Intellectual	Module III	03/05/2022	03/05/2022	PPT & White Board



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	Property Rights Laws, Digital Piracy					
24	Legal consideration for entrepreneurship and small business	Module IV	04/05/2022	04/05/2022		PPT & Self Study
25	Family Laws and Consumer Protection Act	Module IV	10/05/2022	10/05/2022		PPT & White Board
26	Introduction and Scope to Family Laws	Module IV	11/05/2022	11/05/2022		PPT & Self Study
27	Marriage, Divorce, legal aspects in child care custody	Module IV	17/05/2022	17/05/2022		PPT & Self Study
28	Property Division in family	Module IV	18/05/2022	18/05/2022		PPT & Case Studies
29	Understanding of Consumer Protection Act	Module IV	31/05/2022	31/05/2022		PPT & Self Study

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Resource Person –Value Added Course

Dr. Naveen Nandal

Assistant Professor

(PhD, MBA, BBA)

Affiliation: Assistant Professor, Sushant University, Gurugram – 122003, Haryana

Area of Expertise: Marketing, Data Analytics, Human Resource

Phn. No.: 8585918505

Email Id: naveenandal@ansaluniversity.edu.in



Dr Naveen Nandal is a research-oriented academician who is not only a good researcher but also an excellent teacher. A PhD holder in Management and a Masters Degree in Marketing and HR, she has a good grasp of multivariate data analysis using advanced statistical software. With 7 Years of experience in academics and research, Dr Nandal has published various books and research papers in Scopus and web of Science Journal. She has also assisted in major UGC project. Dr Nandal is an alumnus of Guru Gobind Singh Indraprastha University, formerly Indraprastha University, New- Delhi.

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Sec-55, Gurugram Haryana



Ref.No.: SU/SHS/Order/2021/09

9/08/2021

Office Order

School of Health Sciences, Sushant University will be Offering Value Added courses in the Academic session 2021-22 - odd Semester.

Course Details

S.No	Name of the Value-Added course	Duration (Contact Hours)	Courses offered for	Resource Person	Date of Commencement
1	Health care Ethics and legal issues	30	All SHS Students	Dr Usman khan	17/08/2021

The Syllabus of the courses offered is attached for your reference as annexures.

The assessment of the same will be as under:

Assessment Procedure

S.No	Name of the Value-Added course	Assessment methodology/Components
1	Health care Ethics and legal issue	Group Discussions, CV building, Linked in Profile updation, Mock Interview

Students from all departments of SHS are encouraged to participate in specially designed value-added courses that cater to their specific needs and address any knowledge gaps. These courses aim to enhance their learning experience and promote lifelong learning.

The courses are offered **free of cost and certificates will be awarded to students only with minimum 75% attendance and minimum 40% marks post completion of the course.**

For any queries related to the Value-added course kindly contact the undersigned

Mr. Dr Usman khan

Associate Professor- Department of MRIT, SHS
Coordinator in charge – Value added Courses



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Program Coordinator

Director
School of Health Sciences
DEAN (Erstwhile Ansal University)
Sushant University
Sector-53, Gurugram, Haryana



**Sushant
University**

Erstwhile Ansal University Gurugram

| School of Health Sciences

Value Added Course

Health Care Ethics & legal Issues

(Non-Credited Course)

16th August to 30th November, 2021

Course Coordinator

Dr. Usman Khan


OPEN TO ALL SHS STUDENTS

Duration: 30hrs.


Platform: Online

Registration link: <https://forms.gle/LBfEFgcj4cg1XueY7>




Director
School of Health Sciences
Sushant University (Erstwhile Ansal University)
Sector-55, Gurugram, Haryana

SYLLABUS- Value added Course

 <p>Sushant University Erstwhile Ansal University Gurugram</p>	<p>School of Health Sciences</p>		
Detailed Teaching Plan			
Value added Course Code: 21SHS-VA01	Value added Course Title : Health care ethics and legal issues		
Academic Year: 2021-22	Term :	Core/Elective: Elective	Credits: NIL
Course Designed by: Dr Usman Khan		Course Instructor: Dr Usman Khan	
Course Pre-requisites: None		No. of sessions: 30	

- Course Description:** Explore the ethical and legal challenges in health care. Analyze moral dilemmas, patients rights and legal regulations. Develop critical thinking skills for ethical decision making in health care practice. Gain a comprehensive of the ethical principles and legal framework that shape health care. Note: This course does not provide legal advice.

Employability-level: professional skill.

1. Foundation Core	2. Foundation Skill	3. Professional Core	4. Professional Skill	5. Premier Skill
		✓	✓	

2. Course Objectives

- Understand Ethical frameworks:** Acquire a solid understanding of different ethical frameworks and theories applicable to health care ethics and analyze their implications in real world scenarios.
 - Analyse Moral Dilemmas:** Develop the ability to critically analyze and evaluate complex moral dilemmas commonly encountered in health care settings, considering factors such as patient autonomy, informed consent, confidentiality, and end-of-life care.
 - Comprehend Legal Foundations:** Gain knowledge of legal foundations that govern health care practices, including statutory laws, regulations, and case law, and understand their impact on health care decision- making.
 - Evaluate patients rights:** Examine and evaluate the rights and responsibilities of patients in the health care context, including issues related to privacy, informed consent, and access to care.
-

5. **Assess Legal Implications:** Explore the legal implications of emerging technologies in health care, understand the legal standards for medical negligence and malpractice, and analyze the legal implications of resource allocations.

6. **Develop critical thinking skills:** Enhance critical thinking skills to assess and navigate ethical and legal dilemmas in health care, using case studies, group discussions, and hypothetical scenarios to strengthen problem-solving abilities.

7. **Ethical Decision- Making:** Develop strategies for ethical decision making in health care practice, integrating ethical principles and legal frameworks into decision making processes.

8. **Stay Informed on Current Issues:** Stay updated on current ethical and legal issues in health care, including emerging trends, policy changes, and evolving regulations.

3. Course Learning Outcomes

Upon successful completion of the course, the students should be able to:

CO1. Ethical Analysis: Apply ethical frameworks and theories to analyze and assess moral dilemmas in healthcare settings, demonstrating the ability to critically evaluate ethical issues and propose ethical solutions.

CO2. Legal Compliance: Understand and adhere to the legal foundations and regulations governing health care practices, demonstrating knowledge of legal obligations and rights within the health care system.

CO3. Patient Advocacy: Advocate for patient rights and welfare by recognizing and respecting the autonomy, confidentiality, and informed consent of patients, and effectively communicating ethical concerns on behalf of patients.

CO4. Critical Thinking: Develop and apply critical thinking skills to identify, analyze, and evaluate ethical and legal dilemmas in health care, considering multiple perspectives and utilizing evidence-based reasoning to make informed decisions.

CO5. Ethical Decision Making: Demonstrate the ability to integrate ethical principles, legal standards, and contextual considerations to make sound and ethical decisions in health care practice, weighing the potential benefits, risks, and consequences for all stakeholders involved.

4. Course Pedagogy

The course will involve interactive lectures, case studies, group discussions, debates, ethical decision making exercises, research assignments, guest speakers, reflective assignments, online resources, and various assessment methods.

5. Course Contents and Schedule

1. Introduction to Indian Health care system:

Overview of Indian health care system, including public and private sectors. Understanding the legal framework and regulatory bodies governing health care in India.

2. Ethical Theories and principles:

Exploration of ethical theories and principles relevant to health care ethics in the Indian context. Application of principles such as autonomy, beneficence, non-maleficence, and justice to health care decision making.

3. Informed consent and Patient rights:

Understanding the concept of informed and its legal and ethical significance in India. Examination of patients rights, including confidentiality, Privacy, and access to health care services.

4. End-of-Life Care and Euthanasia:

Analysis of ethical and legal considerations surrounding end of life care and euthanasia in India. Discussion on legal provisions, case law, and ethical dilemmas related to decisions at the end of life.

Medical Negligence and Malpractice:

5. Overview of medical negligence and malpractice laws in India.

Examination of legal standards, elements of negligence, and the impact of negligence on patient care.

6. Health care and technology:

Discussion on the ethical and legal implications of emerging technologies in health care, such as telemedicine, electronic health records, and artificial intelligence.

Examination of data privacy, security, and informed consent issues related to technology in health care.

7. Resource Allocation and Equity:

Exploration of ethical considerations in resource allocation within the Indian health care system. Analysis of challenges of equitable distribution of health care resources and access to care.

8. Ethical Issues in Clinical Practice:

Study of common ethical issues faced by healthcare professionals in India, including conflicts of interest, professional boundaries and conscientious objection.
Examination of ethical guidelines and codes of conduct for health care professionals.

9. Ethical Decision Making and professional conduct-

Development of skills for ethical decision making in health care practice, considering cultural, social, and religious factors in the Indian Context.
Emphasis on professionalism, integrity, and ethical conduct in health care.


10. Current Ethical and Legal Challenges:

Exploration of current ethical and legal challenges in the Indian health care system, such as medical tourism, organ transplantation, and access to essential medications.
Analysis of relevant case studies and discussions on potential solutions and policy implications.

6. Course Assessment

The course is of 100 marks at the end of the end of all sessions. A minimum of **40%** score and **75%** attendance is required to get a certificate. Final Grades will be based on the relative performance of a student in the class.




Director
School of Health Sciences
Sushant University (erstwhile Ansal University)
Sector-55, Gurugram, Haryana

Curriculum Vitae- VALUE ADDED FACULTY
Value added Course- Health care ethics and legal issues
Faculty – Dr. Usman Khan
Value added course Code- 21SHS-VA02
Total hours- 30 hours

Dr. MOHD. USMAN KHAN

(Rastriya Gourav Awarded)

Cellular No : +91-9997837565,+91-9760712220

E-mail ID:- ukmeansusmankhan@gmail.com

CAREER OBJECTIVE

To leverage my interpersonal skills and competencies to gain professional expertise in the field of **Research and Education** and to excel in life and be an asset to the institution I work in, while adding value to myself. A position in a result oriented institution that seeks ambitious and career conscious professionals, where acquired skills and education will be utilized toward continued growth and advancement.

PROFESSIONAL CERTIFICATION

- Bachelor of Medical Radio diagnosis & Imaging Technology (**BMRDIT**)with **63 %**.
- Certificate in Old Age Care. (**C.O.A.C**) with **67 %**.
- Post Graduate Diploma in Radiology and Imaging Technology (**PGDRIT**) with **55%**
- M.Sc Radiography and Imaging Technology (**RIT**) with **72 %**.
- PhD in Radiology and Imaging Technology on Quality Benefits of Multislice and multicollimation CT Scan from Himalayan Gharwal University,Uttarakhand..

PROFESSIONAL SYNOPSIS

- Professor & Associate Dean School of Healthcare & Paramedical Sciences CT University Ludhiana Punjab **Worked with faculty and planning for academic activities.**
- Taking Classes of Radiology - BSc (RIT) Students.
- Distribution of Students in groups for Hospital Posting (CT Scan,Ultrasound,X- Rays, Portable X-Rays etc) of Radiology Department.

CURRENT POSITION

- **Professor & Associate Dean** School of Healthcare & Paramedical Sciences CT University Ludhiana Punjab.
- Taking classes of Radiological Subjects of BSc (RIT) ,M.Sc (RIT) Students.
- Distribution of Students in groups for hospital Posting in all modalities such as(CT Scan,Ultrasound,X-Rays,Portable X Rays etc) of Radiology Department.
- Extreme expert in Radiological Special Procedures & Ultra Sound Investigation.

CAREER ACHIEVEMENT

- Awarded **Rashtria Gourav** by India International Friendship Society on 19th September 2010 at New Delhi .
- Conducted One Day **Continuing Medical Education** Programme as **Organizing Secretary** on Recent Advances in Imaging Technology Under banner of Indian Association of Radiological Technologist held on 1st May 2010, at Shri Guru Ram Rai Institute of Medical and Health Sciences Patel Nagar Dehradun, Uttarakhand.

AWARDS

- Awarded **Rashtria Gourav** by India International Friendship Society on 19th September 2010 at New Delhi.
- Awarded by SGRRIMHS for Successful Conduct CME as Organizing Secretary on 1st May 2010 .
- Nominated for Indian Achievers Forum for **Excellence Education Award** 2010.
- Nominated for **Best Citizen of India** by Best Citizen Publication House , New Delhi.
- Nominated for **Man of Excellence** Award by Institute of United Nations & Unesco Studies, New Delhi.
- Awarded by Ansal University for Successful Conduct Conference as Organizing Secretary on 11th November 2019.
- Awarded by Ansal University for Successful Conduct Conference as Organizing Secretary on 02nd February 2020.
- Awarded by Indian Society of Radiographers & Technologist on Launching Function of Academic Subsidiary of Indian College of Radiological Technology on 9th April 2022 at Holiday Inn Areocity ,New Delhi.
- Awarded by Sushant University for Successful Conduct Conference as Organizing Secretary on 13th November 2021.
- Awarded by Sushant University for Successful Conduct National Conference and Workshop as Organizing Secretary on 11 & 12th April 2022.

CHIEF ASSOCIATES

- **Member of Skill and Competencies –Curricula Redesign ,National Expert Taskforce by Ministry of Health and Family Welfare, Government of India**
- **Member of Board of Governors of Shri Ram Murti Smarak Institute of Paramedical Sciences Bareilly in 2013.**

EDUCATIONAL QUALIFICATION

- Bachelor of Medical Radio diagnosis & Imaging Technology (BMRDIT) from Santosh Medical College GHAZIABAD, (U.P) INDIA .
- College Affiliated to Chowdhary Charan Singh University, MEERUT (U.P) INDIA.
- 2007 Certificate in Old Care from Institute of Paramedical Council Hyderabad.
- 2008 Post Graduate Diploma in Radiology and Imaging Technology from Madurai Kamaraj University, Chennai
- 2012 MSc in Radiography and Imaging Technology from Manav Bharti University, Solan, Himanchal Pradesh.
- 2021 PhD in Radiology and Medical Imaging Technology from Himaliyan Gharwal University, Uttarakhand..

EDUCATIONAL EXPERIENCE

Regular faculty:-

<u>S.No</u>	<u>Name of Institution</u>	<u>Place</u>	<u>Designation</u>	<u>Duration</u>	<u>Total</u>	<u>Taught to Students</u>
1.	Institute of Paramedical Sciences	Ghaziabad	Tutor	3 rd march 04 to 19 th Dec 04	9 Months 16 Days	85
2.	Institute of Public Health & Hygiene	New Delhi	Tutor	21 st Dec 04 to 11 th July 06	1 Yr 6 Months 21 days	1360
3	Shri Guru Ram Rai Ins of Med & Health Sciences	Dehradun	Lecturer	3 rd Jan 07 to 30 th Sep 2010	3Year 10 Months 26 Days	444
4	Shri Ram Murti Smarak Institute of Medical Sciences	Bareilly	Lecturer	3 rd Aug 12 to 31 st Dec 2016	4 Years 6 months	390

5	Talent Institute of Professional Studies	Rampur	Asso.Prof.& Principal	1 st Jan 2017 to 31 st March 2019	2 Years 3 Months	265
6	Ansal University	Gurgaon	Associate Professor	8 th April 2019 to 28 th June 2020	About 1 Year 4 Months	88
7	Integral University	Lucknow	Head Paramedical Sciences & Associate Professor	1 st July 2020 to 14 th August 2021 till date	1 Year 1 Month	152
8	Sushant University (Erstwhile Ansal University)	Gurgaon	Associate Professor & Head	23 rd August 2021 to 17 th March 2023 date.	About 1 Year 7 Months	67
9	CT University	Ludhiana	Professor & Associate Dean	23 rd March 2023 to Till date	1 Month	790

Guest faculty:-

10.	Shri Guru Ram Rai Ins of Med & Health Sciences	Dehradun	Guest Faculty	2007 -08 and 2008-09 (Session)	1 Year 4 Months	92
11.	SBSPGI of Biomed Sci and Research	Dehradun	Guest faculty	2009-10, and 2010-11 (Session)	1 Year 4 Months	119
12.	Uttanchal PG College of Biomedical Sciences	Dehradun	Guest faculty	2018-19 (Session)	1 Year	35
13.	Uttanchal PG College of Biomedical Sciences	Dehradun	Guest faculty	2019-2020 (Session)	1 Year	40

• **I was being teaching about 3137 students from 2004 to till date.**

• Students are settled in India and Abroad as Radiographer, Technician, CT Application Specialist, MRI Application Specialist, Ultrasound Application Specialist, Nuclear medicine Technologist, Radiotherapy Technician, Teaching Faculty in Medical College, Paramedical College, University, Multi-Specialty Hospitals, Equipments Manufactur Companies, NGO^s etc.

PUBLICATION

1. Illustrative investigation to evaluate the know-how and Opinion point of patients toward radiation exposures and its Protection

Bhagwat Mohan Lal¹, Khan Mohd Usman², Virmani Nitish³, Ahmad Dilashad⁴ & Yadav Kripanand⁵
Scholarly Research Journal for Interdisciplinary Studies, *Online ISSN 2278-8808, SJIF 2021 = 7.380, www.srjis.com*
PEER REVIEWED & REFEREED JOURNAL, JAN-FEB 2023, VOL- 10/75

2. A study to evaluate information, thoughts with perform of radiographers about covid-19 disease in integral hospital Lucknow

Khan Mohd Usman¹, Bhagwat Mohan Lal², Virmani Nitish³ & Ahmad Dilashad⁴
Scholarly Research Journal for Interdisciplinary Studies, *Online ISSN 2278-8808, SJIF 2021 = 7.380, www.srjis.com* *PEER REVIEWED & REFEREED JOURNAL, JAN-FEB 2023, VOL- 10/75*

3. Relationship between dose and response in thyroid cancer caused by Radiation

MD Usman Khan^{1*}, Sabreena Afzal², Simran kaur³, Vinod Kumar^{5*}
Journal of Survey in Fisheries Sciences 10(1S) 4244-4250 2023

4. EFFECT OF RADIATION ON DNA

Khan Mohd Usman¹, Ahmad Dilshad², Sabreena Afzal³, Siddarth Yadav⁴, Negi Aditya⁵, Vinod Kumar
Eur. Chem. Bull. 2023, 12(Special Issue 5), 170 – 181

5. Assessment of knowledge among radiography students about handling of emergency conditions in the radiology department, Uttar Pradesh, India

Usman Khan, Bhawna Solanki Piyush Pandey, Pushpender Kumar Rajput, Kusum Mishra, Manvee Rai, Sonika Kumar European Journal of Molecular & Clinical Medicine"with ISSN: 2515-826

PROFICIENT FAMILIARITY

- Paper setter of HNB Gharwal university of Uttarakhand of BSc Radiology in the year 2008 of Basic Radiation Physics.
- Paper setter of HNB Gharwal university of Uttarakhand of BSc Radiology in the year 2009 of Orientation Physics and Regional Radiography and Special Procedure.
- Paper setter of HNB Gharwal University of Uttarakhand of BSc Radiology in the year 2010 of Equipment of Radiotherapy and treatment Planning.
- Paper setter of Singhania University of Rajasthan of BSc Radiology in the year 2010 of Special Procedure and Radiographic Positioning.
- Syllabus Setter of BSc Radiography and Imaging Technology of Teerthanker Mahaveer University, Moradabad.
- Conducted University Practical Examination of BSc Radiology as External Examiner in 2009 at SBSPGI, Balawala, Dehradun.
- Conducted University Practical Examination of BSc Radiology as External Examiner in 2009 at CIMS, Harrawal, Dehradun.
- Conducted University Practical Examination of BSc Radiology as External Examiner in 2010 at CIMS, Harrawal, Dehradun.
- Conducted University Practical Examination of BSc Radiology as External Examiner in 2010 at CIMS, Harrawal, Dehradun.
- Conducted University Practical Examination of BSc Radiology as External Examiner in 2011 at CIMS, Harrawal, Dehradun.
- Conducted University Practical Examination of BSc Radiology as External Examiner in 2012 at CIMS, Harrawal, Dehradun.
- Conducted University Practical Examination of Diploma in Radiology as External Examiner in 2012 at Jamia Hamdard University, New Delhi
- Paper setter of Jamia Hamdard University, New Delhi of Diploma in Radiology in the year 2012 of Radiation Physics.
- Conducted University Practical Examination of BSc Radiology as External Examiner in 2012 at SGRR Medical College, Dehradun.
- Syllabus Setter of BSc Radiography and Imaging Technology of MJP Ruhelkhand University, Bareilly.
- Paper setter of Jamia Hamdard University, New Delhi of Diploma in Radiology and BMLT 1st Year in 2013 of Fundamental of basics of Physics in Radiology.
- Conducted University Practical Examination of Fundamental of Basics of Physics in Radiology of Diploma in Radiology and BMLT 1st Year as External Examiner in 2013 at Jamia Hamdard University, New Delhi.
- Conducted University Practical Examination of Fundamental of Basics of Physics in Radiology of Diploma in Radiology and BMLT 1st Year as External Examiner in 2013 at Jamia Hamdard University, New Delhi
- Conducted University Practical Examination of B.Sc in Radiology and Imaging Technology as External Examiner of General Radiography and Radiation Physics in 2013 at Jamia Hamdard University, New Delhi
- Paper setter of Jamia Hamdard University, New Delhi of B.Sc in Radiology and Imaging Technology of Radiation Physics in the year 2012.
- Conducted University Practical Examination of B.Sc in Radiology and Imaging Technology as External Examiner of Special Radiography and Equipments of Radiography in 2015 at Jamia Hamdard University, New Delhi
- Conducted University Practical Examination of BSc Radiology as External Examiner in 2015 at CIMS, Dehradun.
- Conducted University Practical Examination of B.Sc in Radiology and Imaging Technology as External Examiner of Special Radiography and Radiation Physics in 2016 at Jamia Hamdard University, New Delhi
- Conducted Rajasthan University of Health Sciences Practical Examination of B.Sc in Radiology and Imaging

Technology as External Examiner of General Radiography in 2016 at Sawai Maan Singh Medical College, Jaipur.

- Conducted Rajasthan University of Health Sciences Practical Examination of Diploma in Radiology and Imaging Technology as External Examiner of General Radiography and Procedure in 2016 at Govt. Medical College, Kota.
- Conducted University Practical Examination of B.Sc in Radiology and Imaging Technology as External Examiner of Special Radiography and Radiation Physics in 2017 at Jamia Hamdard University, New Delhi
- Conducted University Practical Examination of B.Sc in Radiology and Imaging Technology as External Examiner Radiation Physics in 2019 at Sharda University, Greta Noida.
- Conducted University Practical Examination of B.Sc in Radiology and Imaging Technology as External Examiner of Radiographic Positioning and Interventional Procedure in 2018 at Jamia Hamdard University, New Delhi.
- Conducted University Practical Examination of B.Sc in Radiology and Imaging Technology as External Examiner of Ultrasound and radiological procedures in 2019 at Jamia Hamdard University, New Delhi
- Conducted University Practical Examination of B.Sc in Radiology and Imaging Technology as External Examiner of Radiological Special Procedures in 2019 at Uttarakhand College of Biomedical Sciences and Hospital Dehradun, Uttarakhand.
- **Member of Board of Governors of Shri Ram Murti Smarak Institute of Paramedical Sciences Bareilly in 2013 to till date.**
- **External Member of Board of Studies of MJP Rohelkhand University, Bareilly in 2013 .**
- **External Member board of Studies of Jamia Hamdard University New Delhi. 2014 to till date.**
- **External Member Board of Studies of Rajasthan University of Health Sciences Jaipur, Rajasthan. in 2015 to till date.**
- **Internal Member Board of Studies of Ansal University Gurugram, Haryana in 2019 to till date.**
- **Internal Member Board of Studies of Integral University Lucknow, in 2021-22.**
- **External Member of Board of Studies in 2021-2022 at Shri Atal Bihari Vajpayee University, Lucknow U.P.**
- **External Member of Board of Studies in 2022-2023 at Brainware University, Kolkata West Bengal.**

PROFICIENT EXPERIENCE

- Proficient in documentation for the institute affiliation of college from University level.
- Proficient to conduct internal and external examination.
- Proficient in syllabus setting of various university i.e. : Teerthanker Mahaveer University Moradabad, Singhania University Rajasthan, Uttarakhand Technical University Dehradun, MJP Rohelkhand University Bareilly, Shri Atal Bihari Vajpayee University, Lucknow U.P.

WORKED ON UNITS

- Worked on Wipro GE DX 300-1000 MA X-rays Units with image Intensifier and Fluoroscopy in Santosh Medical College, Ghaziabad (U.P).
- Worked on GE, DX 500 MA X-rays Unit with Fluoroscopy in Lokpriya hospital Ghaziabad and Institute of Public Health and Hygiene, New Delhi.
- Worked on Digital and portable X-rays Machine in Lokpriya Hospital, Ghaziabad.
- Worked on Wipro GE light Speed Spiral CT Scan in Lokpriya Hospital Ghaziabad and Sir Ganga Ram Hospital, New Delhi.
- Worked on ARC Somatom CT Scan Units in Santosh Medical College, Ghaziabad, U.P.
- Worked on Siemens Magnetom 1.0 Tesla MRI Unit in Sir Ganga Ram Hospital New Delhi.
- Worked on GE Logic 400 Ultrasound Unit in Santosh Medical College, Ghaziabad
- Worked on Portable X-rays Unit in Operation Theater in Santosh Medical College, Ghaziabad.
- Worked on CT Dual Slice in SGRRIMHS during students practical.
- Worked on Image Intensifier in SGRRIMHS during students practical
- Worked on all Medical Imaging Equipments like CT Scan, MRI, X-Rays with Special and Routine Procedures during Practical at TMU, Moradabad.

WORKED PLACE INFORMATION

1. INSTITUTE OF PARAMEDIAL SCIENCES (**Ghaziabad**) running in Degree and Diploma Courses in Paramedical Sciences. (X-rays, Lab tech, ECG Tech, CT Scan Tech, etc.) . Since 2001. and ISO 9001-2000 Certify .
- INSTITUTE OF PARAMEDIAL SCIENCES (**Ghaziabad**) Study Centre of Sikkim Manipal Deemed University , Chandra Shekhar Deemed University etc .
- 2. INSTITUTE OF PUBLIC HEALTH AND HYGIENE (**New Delhi**) running in Various degree and diploma Courses in ParaMedical Sciences , Since 1976. and ISO 9001-2000 Certify .
- INSTITUTE OF PUBLIC HEALTH AND HYGIENE (**New Delhi**) Study Centre of Manipal Academy of Higher Education Deemed University, Allahabad Agriculture Institute Deemed university , Sikkim Manipal University , Punjab Technical Deemed University,etc.
- 3. SHRI GURU RAM RAI INSTITUTE OF MEDICAL AND HEALTH SCIENCES (SGRRIMHS)(**Dehradun**) running in Degree Courses in Medical,ParaMedical,Nursing,Management,Computer Sciences,PG courses etc.
- 4. COMBIND INSTITUTE OF MEDICAL SCIENCES AND RESEARCH (CIMS&R)(**Dehradun**) is recognized by HNB Gharwal University,Srinagar Uttrakhand.
- COMBIND INSTITUTE OF MEDICAL SCIENCES AND RESEARCH (CIMS&R)(**Dehradun**) is running various courses in the field of Paramedical Sciences Such as BSc & MSc Nursing,BMLT,BSc Radiology,BMM,etc.
- 5. SARDAR BHAGWAN SINGH POST GRADUATE INSTITUTE OF MEDICAL SCIENCES (SBSPGIMS)(**Dehradun**) is recognized by HNB Gharwal University,Srinagar Uttrakhand.
- SARDAR BHAGWAN SINGH POST GRADUATE INSTITUTE OF MEDICAL SCIENCES (SBSPGIMS)(**Dehradun**)is running various Graduate and Post Graduate Courses such as MSc,Micobiology,Biochemistry,Pharmacy,BMLT,BSc Radiology,BMM,Biotechnology,etc.
- 6. SHRI RAM MURTI SMARAK INSTITUTE OF MEDICAL SCIENCES (**Bareilly**) running as Medical college with 105 beded Super Speciality Hospital with latests medical equipments in all Departments.Since 2002.
- SHRI RAM MURTI SMARAK INSTITUTE OF MEDICAL SCIENCES (**Bareilly**) running in Various Institute such Medical College , Parmedical College ,Nursing College , Engeneering College, Womens Engeneering College.
- SHRI RAM MURTI SMARAK INSTITUTE OF MEDICAL SCIENCES (**Bareilly**) having own Cancer Research Institute with latest Equipments.
- SHRI RAM MURTI SMARAK INSTITUTE OF MEDICAL SCIENCES (**Bareilly**) also having other colleges in different cities such as SRMS International Business College Lucknow.
- 7. TALENT INSTITUTE OF PROFESSIONAL STUDIES(TIPS) (**Rampur**) running in Degree and Diploma Courses in Paramedical Sciences. (X-rays, Lab tech, ECG Tech, CT Scan Tech, etc.) . Since 2001. and ISO 9001-2000 Certify .
- 8. ANSAL UNIVERSITY (**Gurugram**) as an autonomous private university running under the norms of Haryana State government. University with tie-ups of Super Speciality Hospital with latests medical equipments in all Departments.Since 2012.
- 9. INTEGRAL UNIVERSITY(**Lucknow**) as an autonomous private university running as Medical college with 700 beded Super Speciality Hospital with latest's medical equipments in all Departments.Since 2014.
- INTEGRAL UNIVERSITY (**Lucknow**) as an autonomous private university running in Various Institute such Medical College , Paramedical College ,Nursing College , Engineering College..

ROLE IN DEPARTMETS

- Inspection of X-rays Units and other Departmental Equipment before Starting the Radiological Procedure.
- Preparation for Routine & Special Procedures, X- Rays Room, Warm up of Units.

- Checking of regularity of Student in lecture and hospital posting.
- Checking of Emergency Drugs of Radiology Department.
- Students updating and care information to their parents.
- Patient care Management.
- Patient Shifting from Trolley(Stretcher) to X-Rays (Examine)Units.
- Advance Preparation with respect to Investigation required.
- Assist to Medical Team during resuscitation Process (e.g., CPR, Taking Temp, & Pulse, Vital Signs).
- Dealing with Adverse effects of Contrast Media.
- **TROUBLESHOOT:Light Beam and Radiation Beam Congruence Consistency of MA & Timer, Perpendicularity of Beam.**

ADDITIONAL PROFESSIONAL ACTIVITIES

- Two Months Training in CT Scan (Wipro GE Light Speed) and MRI Scan (1.0 Tesla Magnetom) at SIR GANGA RAM HOSPITAL , New Delhi.
- Attended Ist Asia Pacific Conference of Radiological Technologist held at AIIMS , New Delhi.
- Attended Seminar and Special Lectures on Advance technique in Radiography held at Santosh Medical College Ghaziabad .
- Attended Radiological Technological Conference in GTB Hospital , Shadara , New Delhi .
- Attended seminar on “update in Radio diagnosis” by Medical Education Deptt.Held at Christian Medical College, Vellore.
- Attended “VIIIth National Conference of Indian Association of Radiological Technologists” hosted by Symbiosis Deptt. of Health Sciences held at Symbiosis International Education Centre Deemed Universit, Pune
- Attended National Conferences on Radiotherapy Under banner of Indian Association of Radiological Radiotherapy Technologist Hosted by department of Radiotherapy PGIMER, Chandigarh.
- Attended one day CME on Radiography Today and Tomorrow by Delhi Radiographer Association Under banner of Indian Association of Radiological Technologist Hosted by Deen Dayal Hospital, New Delhi on World Radiography Day.
- Conducted one day CME as a Organising Secretary on Recent Advances in Imaging Technology held at Shri Guru Ram Rai Institute of Medical and Health Sciences,Dehradun.
- Attended one day Seminar on Radiaton and Patient Safety held at B.L Kapur Memorial Hospital,New Delh
- Attended one day CME on Future Prospective of Nuclear Medicine Technology on May 2013 held at Ganesh Educational Institute and Reasearch Centre,New Delhi.
- Attended 11th National Conference of Indian Association of Radiological Technologist held on Nov.2013 held at AIIMS,New Delhi..
- Attended one day CME 8 hours credit of IRIA Resident Education Programme organized by Indian Radiological and Imaging Association held at Bareilly.
- Participated at the Consultation on Curricula redesign taskforce meet on Radiology and Imaging Technology organized by Ministry of Health and Family welfare,Govt of India held at India Habitat Centre,New Delhi.
- Attended as a Speaker in one day CME on advancement in Medical Imaging organized by Indian Society of Radiographer and Technologist held at U.P Rular Institute of Medical Sciences & Research Saifai on July 2015.
- Attended and Participated as a Speaker in 2nd National Conference of Joint Forum of Medical Technologist of India at AIIMS on 22-23 February 2016.
- Attended as speaker on 2 days workshop on Quality Assurance in Radiology on 26th ,27th Aug 2016

hosted by Dept.of Medical Physics at Sawai Maan Singh Medical College ,Jaipur Rajasthan.

- Attended as Speaker in 1st International and 3rd National Conference of Indian Society of Radiological Technologist on 1st,2nd &3rd Sep 2016 at Ramoji Film City Hydrabad.
- Attended as Speaker in National Conference of Indian Association of Medical Physicist hosted by Department of Radiological Physics on 7th & 8th Nov 2016 at Sawai Maan Singh Medical College,Jaipur.
- Attended as Speaker in National Conference of Best Health Care Practice by Allied Health Professional in Modern Era hosted by Starex University in Association with MED Skil Development Educational Society on 28th September 2019.
- Attended as Speaker in 6th National Conference of Indian Society of Radiographer and Technologist hosted by Department of Radiological Physics on 12th & 13th Oct 2019 at Sawai Maan Singh Medical College,Jaipur.
- Conducted National Conference on Technical Advancement and Future Prospects in Imaging Technology as Organizing Secretary in Association with Indian Society of Radiographer and Technologist and MED skill Developemets Educational Society hosted by Department of Radiology and Imaging Technologyon 13th Nov.2019 at ,Ansal University Gurugram,Haryana.
- Conducted National CME on Role of Radiological Health Professionals in Digital Age as Organizing Secretary in Association with Indian Society of Radiographer and Technologist hosted by Department of Radiology and Imaging Technology on 02nd Feb 2020 at Ansal University Gurugram,Haryana.
- Conducted National conference on Innovation in Radiography & Imaging Expertise as Organizing Secretary in Association with Indian Society of Radiographer and Technologist hosted by Department of Radiology and Imaging Technology on 27th Nov 2021 at Sushant University Gurugram,Haryana.
- Conducted ICRT weekshop on Latent to Visible as Organizing Secretary in Association with Indian Society of Radiographer and Technologist hosted by Department of Radiology and Imaging Technology on 12thApril 2022 at Sushant University Gurugram,Haryana.

EXTRA CURRICULAR ACTIVITIES

- Participated in Tarrifox run at Canadian high Commission , New Delhi .
- Member of Faridabad NIT Rrotract Club as Medical Director.
- Participated in various welfare programs by the Club.
- Participated in One day Seminar on Radiation and Patient Safety as Organising Member held at B.L Kapur Memorial Hospital,New Delhi.

PROFESSIONAL REGISTRATION

- Indian Association of Radiological Technologist (IART), on dated 22 March 2005 Under Life Member Regd No : LM 0591,INDIA

MEMBERSHIP OF PROFESSIONAL BODY

- International Society of Radiographer and Radiological Technologist on dated 22 March 2005 Under Regd No :181, U.K

SPECIAL EXPERTICE

- Pain Management and Wound Management.

- Excellent Team Work.
- Strong Analytical Ability.
- Excellent Pre and Post Care of patients Undergoing Emergency Insertion.
- Strong Written and Spoken English Skills.
- Teaching and Demonstration to the Radiography Students.

COMPUTER LANGUAGES / SKILLS

- Operating Systems : DOS, Windows 8/ XP SP1a /XP SP 2a, Home
- Packages : MS Office, Fox Pro.

PERSONAL DETAILS

Father : (Late) Mr.Mumtaz Ahamed Khan
 Date of Birth : 08 July 1981
 Marital Status : Married
 Nationality : Indian
 Passport No. : E4241557
 Permanent Address : House No 400/32,Zeyarat Khurmey Wali
 Rajdwara Road,Rampur (U.P),244901 INDIA

REFERENCES

Dr.T.B.S BUXI

Head of Dept of Radiology
 Sir Ganga Ram Hospital
 New Delhi.

Mr.Mohan Lal Bhagwat

Asst.Prof.and Vice President (I.S.R.T)
 Dept of Radiology
 Jamia Hamdard University,New Delhi

Dr.Rajneesh Madhook

Professor & Head
 SRMS Medical College
 Breilly (U.P)

Dr.M.K.Chakarborty

Head Dept of Radiology
 SBSPGI of Biomedical Sciences
 Balawala, Dehradun

DECLARATION:

I hereby declare that the above-mentioned information is correct up to my knowledge and I bear the responsibility for the correctness of the above-mentioned particulars.

Prof.(Dr.) MOHD. USMAN KHAN

DATE.....

PLACE.....



(Signature)
 Director
 School of Health Sciences
 Sushant University (erstwhile Ansal University)
 Sector-55, Gurugram, Haryana

Ref.No.: SU/SHS/Order/2022/10

15/01/2022

Office Order

School of Health Sciences, Sushant University will be Offering Value Added courses in the Academic session 2021-22 - Even Semester.

Course Details

S.No	Name of the Value-Added course	Duration (Contact Hours)	Courses offered for	Resource Person	Date of Commencement
1	Personality Development	30	All SHS Students	Dr Usman khan	17/01/2022

The Syllabus of the courses offered is attached for your reference as annexures.

The assessment of the same will be as under:

Assessment Procedure

S.No	Name of the Value-Added course	Assessment methodology/Components
1	Personality Development	Group Discussions, CV building, Linked in Profile updation, Mock Interview

Students from all departments of SHS are encouraged to participate in specially designed value-added courses that cater to their specific needs and address any knowledge gaps. These courses aim to enhance their learning experience and promote lifelong learning.

The courses are offered **free of cost and certificates will be awarded to students only with minimum 75% attendance and minimum 40% marks post completion of the course.**

For any queries related to the Value-added course kindly contact the undersigned

Mr. Dr Usman khan

Associate Professor- Department of MRIT, SHS
Coordinator in charge – Value added Courses



Program Coordinator

DEAN

Director
School of Health Sciences
Sushant University (erstwhile Ansal University)
Sector-6a, Gurgaon, Haryana



**Sushant
University**

Erstwhile Ansal University Gurugram

| School of Health Sciences

Value Added Course

“ Personality Development ”

(Non-Credited Course)

15th January to 26th April, 2022

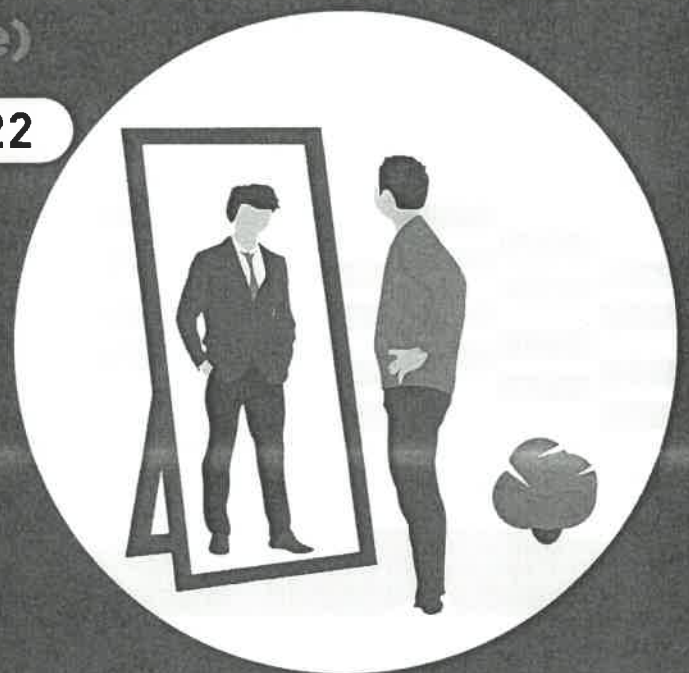
Course Coordinator

Dr. Usman Khan

OPEN TO ALL SHS STUDENTS


Duration: 30hrs.

Platform: Online




Registration link: <https://forms.gle/LBfEFgcj4cg1XueY7>




Director
School of Health Sciences
Sushant University (Erstwhile Ansal University)
Sector-55, Gurugram, Haryana

SYLLABUS- Value added Course

 Sushant University <small>Erstwhile Ansal University Gurugram</small>	School of Health Sciences		
Detailed Teaching Plan			
Value added Course Code: 22SHS-VA01	Value added Course Title : Personality Development		
Academic Year: 2021-22	Term :	Core/Elective: Elective	Credits: NIL
Course Designed by: Dr. Usman Khan		Course Instructor:	
Course Pre-requisites: None		No. of sessions: 30	

1. Course Description

This course starts with a basic introduction of personality. It then goes on to look at theories of personality development, the stages of development theories, key researches in personality psychology, and the main influences on personality development. You will also delve into looking at basic personality traits, including values, beliefs, and nature versus nurture. You will learn about your own personality and how you can use that information in career choices and to make changes. You will also learn about some personality disorders and how to pull all the information together to use it to your personal or career advantage.

Employability-level: Professional skill

1. Foundation Core	2. Foundation Skill	3. Professional Core	4. Professional Skill	5. Premier Skill
		✓		

2. Course Objectives

- To develop self-awareness and understanding of one's personality traits, strengths, and weakness.
- To improve communication skills for effective expression and active listening
- To enhance emotional intelligence for self-regulation, empathy, and building healthy relationship.
- To foster leadership qualities and skill for effective decision-making and influencing others.
- To cultivate interpersonal skills for effective teamwork, conflict

3. Course Learning Outcomes

Upon successful completion of the course, the students should be able to:

CO1: Analyze and evaluate personal strengths, weaknesses, and values through self-reflection exercise and assessments.

CO2: Demonstrate effective verbal and non-verbal communication skills through presentations, role plays, and group discussion.

CO3: Apply emotional intelligence techniques to manage emotion, resolve conflict, and build meaningful relationship.

CO4: Utilize leadership theories and concept to lead and motivate others in various contexts.

CO5: Apply interpersonal skills to establish and maintain positive relationship, resolve conflicts, and work collaboratively.

4. Course Pedagogy

The course follows the pedagogy of ‘‘Personality Development’’

5. Course Contents and Schedule

Module 1: Leadership: Introduction to Leadership, Leadership Power, Leadership Style, Leadership in Administration, Interpersonal relation: Introduction to Interpersonal Relations, Analysis Relation of different ego state, Analysis of Transaction, Analysis of Strokes, Analysis of Life position.

Module 2: Communication: Introduction to Communication, Flow of Communication, Listening, Barriers of Communication, how to Overcome barriers of communication, Stress: Introduction to Stress, Causes of Stress, Impact Management Stress.

Module 3: Group Dynamics: Importance of group in organization, and Team Interaction in group, Group Building Decision Taking, Team building, Interaction with the team, how to Build a good Team, Conflict: Introduction to Conflict, Management Managing Conflict.

Module 4: Performance: introduction to performance appraisal, Appraisal Vertical Appraisal, Horizontal Appraisal, 360 performance appraisal, Methods of Improving Techniques of performance Appraisal, Time as a resource, Identify Important Time management wasters, Individual Time Management Styles, Techniques for better time management.

Module 5: Motivation: Introduction to motivation, Relevance and types of Motivation, Motivating the Subordinates, Analysis of Motivation.

6. Course Assessment

The course is of 100 marks at the end of the end of all sessions. A minimum of **40%** score and **75%** attendance is required to get a certificate. Final Grades will be based on the relative performance of a student in the class.




Director
School of Health Sciences
Sushant University (Formerly Ansal University)
Sector 55, Gurugram, Haryana

PERSONALITY DEVELOPMENT
Lecture Plan (Total Sessions –30)

Session No.	Session Topic / Sub-topic Description (2 Hours)	Unit No.	Date	Methodology used (PPT, White Board, Audio/Video, Practical, Visit, Self-Study based)
			Planned on	
1	Leadership: Introduction to Leadership, Leadership Power, Leadership Style, Leadership in Administration.	01	17/01/22	PPT
2	Interpersonal relation: Introduction to Interpersonal Relations, Analysis Relation of different ego state.	01	21/01/22	PPT
3	Analysis of Transaction, Analysis of Strokes, Analysis of Life position.	01	24/01/22	PPT
4	Communication: Introduction to Communication, Flow of Communication, Listening	02	1/02/22	PPT
5	Barriers of Communication, how to Overcome barriers of communication	02	7/02/22	PPT
6	Stress: Introduction to Stress, Causes of Stress, Impact Management Stress.	02	18/02/22	PPT
7	Group Dynamics: Importance of group in organization, and Team Interaction in group	03	21/02/22	PPT



8	Group Building Decision Taking, Team building, Interaction with the team, how to Build a good Team	03	28/02/22	PPT
9	Conflict: Introduction to Conflict, Management Managing Conflict.	03	4/03/22	PPT
10	Performance: introduction to performance appraisal, Appraisal Vertical Appraisal, Horizontal Appraisal,	03	11/03/22	PPT
11	360 performance appraisal, Methods of Improving Techniques of performance Appraisal, Time as a resource	04	18/03/22	PPT
12	Identify Important Time management wasters, Individual Time Management Styles,	04	25/03/22	PPT
13	Techniques for better time management.	04	4/04/22	PPT
14	Motivation: Introduction to motivation, Relevance and types of Motivation	04	15/04/22	PPT
15	Motivating the Subordinates, Analysis of Motivation.	05	18/04/22	PPT
16	REVISION	05	22/04/22	PPT
17	REVISION	05	26/04/22	PPT



Director
School of Health Sciences
Sushant University (erstwhile Ansal University)
Sector-55, Gurugram, Haryana

Curriculum Vitae- VALUE ADDED FACULTY

Value added Course- Personality development

Faculty – Dr. Usman Khan

Value added course Code- 22SHS-VA01

Total hours- 30 hours

Dr. MOHD. USMAN KHAN

(Rastriya Gourav Awarded)

Cellular No : +91-9997837565,+91-9760712220

E-mail ID:- ukmeansusmankhan@gmail.com

CAREER OBJECTIVE

To leverage my interpersonal skills and competencies to gain professional expertise in the field of **Research and Education** and to excel in life and be an asset to the institution I work in, while adding value to myself. A position in a result oriented institution that seeks ambitious and career conscious professionals, where acquired skills and education will be utilized toward continued growth and advancement.

PROFESSIONAL CERTIFICATION

- Bachelor of Medical Radio diagnosis & Imaging Technology (**BMRDIT**)with **63 %**.
- Certificate in Old Age Care. (**C.O.A.C**) with **67 %**.
- Post Graduate Diploma in Radiology and Imaging Technology (**PGDRIT**) with **55%**
- M.Sc Radiography and Imaging Technology (**RIT**) with **72 %**.
- PhD in Radiology and Imaging Technology on Quality Benefits of Multislice and multicollimation CT Scan from Himaliyan Gharwal University,Uttarakhand..

PROFESSIONAL SYNOPSIS

- Professor & Associate Dean School of Heathcare & Paramedical Sciences CT University Ludhiana Punjab **Worked with faculty and planning for academic activities.**
- Taking Classes of Radiology - BSc (RIT) Students.
- Distribution of Students in groups for Hospital Posting (CT Scan,Ultrasound,X- Rays, Portable X-Rays etc) of Radiology Department.

CURRENT POSITION

- **Professor & Associate Dean** School of Heathcare & Paramedical Sciences CT University Ludhiana Punjab.
- Taking classes of Radiological Subjects of BSc (RIT) ,M.Sc (RIT) Students.
- Distribution of Students in groups for hospital Posting in all modalities such as(CT Scan,Ultrasound,X-Rays,Portable X Rays etc) of Radiology Department.
- Extreme expert in Radiological Special Procedures & Ultra Sound Investigation.

CAREER ACHIEVEMENT

- Awarded **Rashtria Gourav** by India International Friendship Society on 19th September 2010 at New Delhi .
- Conducted One Day **Continuing Medical Education** Programme as **Organizing Secretary** on Recent Advances in Imaging Technology Under banner of Indian Association of Radiological Technologist held on 1st May 2010, at Shri Guru Ram Rai Institute of Medical and Health Sciences Patel Nagar Dehradun, Uttarakhand.

AWARDS

- Awarded **Rashtria Gourav** by India International Friendship Society on 19th September 2010 at New Delhi.
- Awarded by SGRRIMHS for Successful Conduct CME as Organizing Secretary on 1st May 2010 .
- Nominated for Indian Achievers Forum for **Excellence Education Award 2010**.
- Nominated for **Best Citizen of India** by Best Citizen Publication House , New Delhi.
- Nominated for **Man of Excellence** Award by Institute of United Nations & Unesco Studies, New Delhi.
- Awarded by Ansal University for Successful Conduct Conference as Organizing Secretary on 11th November 2019.
- Awarded by Ansal University for Successful Conduct Conference as Organizing Secretary on 02nd February 2020.
- Awarded by Indian Society of Radiographers & Technologist on Launching Function of Academic Subsidiary of Indian College of Radiological Technology on 9th April 2022 at Holiday Inn Areocity ,New Delhi.
- Awarded by Sushant University for Successful Conduct Conference as Organizing Secretary on 13th November 2021.
- Awarded by Sushant University for Successful Conduct National Conference and Workshop as Organizing Secretary on 11 & 12th April 2022.

CHIEF ASSOCIATES

- **Member of Skill and Competencies –Curricula Redesign ,National Expert Taskforce by Ministry of Health and Family Welfare, Government of India**
- **Member of Board of Governors of Shri Ram Murti Smarak Institute of Paramedical Sciences Bareilly in 2013.**

EDUCATIONAL QUALIFICATION

- Bachelor of Medical Radio diagnosis & Imaging Technology (BMRDIT) from Santosh Medical College GHAZIABAD, (U.P) INDIA .
- College Affiliated to Chowdhary Charan Singh University, MEERUT (U.P) INDIA.
- 2007 Certificate in Old Care from Institute of Paramedical Council Hyderabad.
- 2008 Post Graduate Diploma in Radiology and Imaging Technology from Madurai Kamaraj University, Chennai
- 2012 MSc in Radiography and Imaging Technology from Manav Bharti University, Solan, Himanchal Pradesh.
- 2021 PhD in Radiology and Medical Imaging Technology from Himalayan Gharwal University, Uttarakhand..

EDUCATIONAL EXPERIENCE

Regular faculty:-

<u>S.No</u>	<u>Name of Institution</u>	<u>Place</u>	<u>Designation</u>	<u>Duration</u>	<u>Total</u>	<u>Taught to Students</u>
1.	Institute of Paramedical Sciences	Ghaziabad	Tutor	3 rd march 04 to 19 th Dec 04	9 Months 16 Days	85
2.	Institute of Public Health & Hygiene	New Delhi	Tutor	21 st Dec 04 to 11 th July 06	1 Yr 6 Months 21 days	1360
3	Shri Guru Ram Rai Ins of Med & Health Sciences	Dehradun	Lecturer	3 rd Jan 07 to 30 th Sep 2010	3Year 10 Months 26 Days	444
4	Shri Ram Murti Smarak Institute of Medical Sciences	Bareilly	Lecturer	3 rd Aug 12 to 31 st Dec 2016	4 Years 6 months	390

5	Talent Institute of Professional Studies	Rampur	Asso.Prof.& Principal	1 st Jan 2017 to 31 st March 2019	2 Years 3 Months	265
6	Ansal University	Gurgaon	Associate Professor	8 th April 2019 to 28 th June 2020	About 1 Year 4 Months	88
7	Integral University	Lucknow	Head Paramedical Sciences & Associate Professor	1 st July 2020 to 14 th August 2021 till date	1 Year 1 Month	152
8	Sushant University (Erstwhile Ansal University)	Gurgaon	Associate Professor & Head	23 rd August 2021 to 17 th March 2023 date.	About 1 Year 7 Months	67
9	CT University	Ludhiana	Professor & Associate Dean	23 rd March 2023 to Till date	1 Month	790

Guest faculty:-

10.	Shri Guru Ram Rai Ins of Med & Health Sciences	Dehradun	Guest Faculty	2007 -08 and 2008-09 (Session)	1 Year 4 Months	92
11.	SBSPGI of Biomed Sci and Research	Dehradun	Guest faculty	2009-10, and 2010-11 (Session)	1 Year 4 Months	119
12.	Uttanchal PG College of Biomedical Sciences	Dehradun	Guest faculty	2018-19 (Session)	1 Year	35
13.	Uttanchal PG College of Biomedical Sciences	Dehradun	Guest faculty	2019-2020 (Session)	1 Year	40

- I was being teaching about 3137 students from 2004 to till date.

- Students are settled in India and Abroad as Radiographer, Technician, CT Application Specialist, MRI Application Specialist, Ultrasound Application Specialist, Nuclear medicine Technologist, Radiotherapy Technician, Teaching Faculty in Medical College, Paramedical College, University, Multi-Specialty Hospitals, Equipments Manufactur Companies, NGO's etc.

PUBLICATION

1. Illustrative investigation to evaluate the know-how and Opinion point of patients toward radiation exposures and its Protection

Bhagwat Mohan Lal¹, Khan Mohd Usman², Virmani Nitish³, Ahmad Dilashad⁴ & Yadav Kripanand⁵
Scholarly Research Journal for Interdisciplinary Studies, *Online ISSN 2278-8808, SJIF 2021 = 7.380*, www.srjis.com
PEER REVIEWED & REFEREED JOURNAL, JAN-FEB 2023, VOL- 10/75

2. A study to evaluate information, thoughts with perform of radiographers about covid-19 disease in integral hospital Lucknow

Khan Mohd Usman¹, Bhagwat Mohan Lal², Virmani Nitish³ & Ahmad Dilashad⁴
Scholarly Research Journal for Interdisciplinary Studies, *Online ISSN 2278-8808, SJIF 2021 = 7.380*, www.srjis.com
PEER REVIEWED & REFEREED JOURNAL, JAN-FEB 2023, VOL- 10/75

3. Relationship between dose and response in thyroid cancer caused by Radiation

MD Usman Khan^{1*}, Sabreena Afzal², Simran kaur³, Vinod Kumar^{5*}
Journal of Survey in Fisheries Sciences 10(1S) 4244-4250 2023

4. EFFECT OF RADIATION ON DNA

Khan Mohd Usman¹, Ahmad Dilshad², Sabreena Afzal³, Siddarth Yadav⁴, Negi Aditya⁵, Vinod Kumar
Eur. Chem. Bull. 2023, 12(Special Issue 5), 170 – 181

5. Assessment of knowledge among radiography students about handling of emergency conditions in the radiology department, Uttar Pradesh, India

Usman Khan, Bhawna Solanki Piyush Pandey, Pushpender Kumar Rajput, Kusum Mishra, Manvee Rai, Sonika Kumar European Journal of Molecular & Clinical Medicine"with ISSN: 2515-826

PROFICIENT FAMILIARITY

- Paper setter of HNB Gharwal university of Uttarakhand of BSc Radiology in the year 2008 of Basic Radiation Physics.
- Paper setter of HNB Gharwal university of Uttarakhand of BSc Radiology in the year 2009 of Orientation Physics and Regional Radiography and Special Procedure.
- Paper setter of HNB Gharwal University of Uttarakhand of BSc Radiology in the year 2010 of Equipment of Radiotherapy and treatment Planning.
- Paper setter of Singhania University of Rajasthan of BSc Radiology in the year 2010 of Special Procedure and Radiographic Positioning.
- Syllabus Setter of BSc Radiography and Imaging Technology of Teerthanker Mahaveer University, Moradabad.
- Conducted University Practical Examination of BSc Radiology as External Examiner in 2009 at SBSPGI, Balawala, Dehradun.
- Conducted University Practical Examination of BSc Radiology as External Examiner in 2009 at CIMS, Harrawal, Dehradun.
- Conducted University Practical Examination of BSc Radiology as External Examiner in 2010 at CIMS, Harrawal, Dehradun.
- Conducted University Practical Examination of BSc Radiology as External Examiner in 2010 at CIMS, Harrawal, Dehradun.
- Conducted University Practical Examination of BSc Radiology as External Examiner in 2011 at CIMS, Harrawal, Dehradun.
- Conducted University Practical Examination of BSc Radiology as External Examiner in 2012 at CIMS, Harrawal, Dehradun.
- Conducted University Practical Examination of Diploma in Radiology as External Examiner in 2012 at Jamia Hamdard University, New Delhi
- Paper setter of Jamia Hamdard University, New Delhi of Diploma in Radiology in the year 2012 of Radiation Physics.
- Conducted University Practical Examination of BSc Radiology as External Examiner in 2012 at SGRR Medical College, Dehradun.
- Syllabus Setter of BSc Radiography and Imaging Technology of MJP Ruhelkhand University, Bareilly.
- Paper setter of Jamia Hamdard University, New Delhi of Diploma in Radiology and BMLT Ist Year in 2013 of Fundamental of basics of Physics in Radiology.
- Conducted University Practical Examination of Fundamental of Basics of Physics in Radiology of Diploma in Radiology and BMLT Ist Year as External Examiner in 2013 at Jamia Hamdard University, New Delhi.
- Conducted University Practical Examination of Fundamental of Basics of Physics in Radiology of Diploma in Radiology and BMLT Ist Year as External Examiner in 2013 at Jamia Hamdard University, New Delhi
- Conducted University Practical Examination of B.Sc in Radiology and Imaging Technology as External Examiner of General Radiography and Radiation Physics in 2013 at Jamia Hamdard University, New Delhi
- Paper setter of Jamia Hamdard University, New Delhi of B.Sc in Radiology and Imaging Technology of Radiation Physics in the year 2012.
- Conducted University Practical Examination of B.Sc in Radiology and Imaging Technology as External Examiner of Special Radiography and Equipments of Radiography in 2015 at Jamia Hamdard University, New Delhi
- Conducted University Practical Examination of BSc Radiology as External Examiner in 2015 at CIMS, Dehradun.
- Conducted University Practical Examination of B.Sc in Radiology and Imaging Technology as External Examiner of Special Radiography and Radiation Physics in 2016 at Jamia Hamdard University, New Delhi

- Conducted Rajasthan University of Health Sciences Practical Examination of B.Sc in Radiology and Imaging Technology as External Examiner of General Radiography in 2016 at Sawai Maan Singh Medical College, Jaipur.
- Conducted Rajasthan University of Health Sciences Practical Examination of Diploma in Radiology and Imaging Technology as External Examiner of General Radiography and Procedure in 2016 at Govt. Medical College, Kota.
- Conducted University Practical Examination of B.Sc in Radiology and Imaging Technology as External Examiner of Special Radiography and Radiation Physics in 2017 at Jamia Hamdard University, New Delhi
- Conducted University Practical Examination of B.Sc in Radiology and Imaging Technology as External Examiner Radiation Physics in 2019 at Sharda University, Greta Noida.
- Conducted University Practical Examination of B.Sc in Radiology and Imaging Technology as External Examiner of Radiographic Positioning and Interventional Procedure in 2018 at Jamia Hamdard University, New Delhi.
- Conducted University Practical Examination of B.Sc in Radiology and Imaging Technology as External Examiner of Ultrasound and radiological procedures in 2019 at Jamia Hamdard University, New Delhi
- Conducted University Practical Examination of B.Sc in Radiology and Imaging Technology as External Examiner of Radiological Special Procedures in 2019 at Uttarakhand College of Biomedical Sciences and Hospital Dehradun, Uttarakhand.
- **Member of Board of Governors of Shri Ram Murli Smarak Institute of Paramedical Sciences Bareilly in 2013 to till date.**
- **External Member of Board of Studies of MJP Rohelkhand University, Bareilly in 2013 .**
- **External Member board of Studies of Jamia Hamdard University New Delhi. 2014 to till date.**
- **External Member Board of Studies of Rajasthan University of Health Sciences Jaipur, Rajasthan. in 2015 to till date.**
- **Internal Member Board of Studies of Ansal University Gurugram, Haryana in 2019 to till date.**
- **Internal Member Board of Studies of Integral University Lucknow, in 2021-22.**
- **External Member of Board of Studies in 2021-2022 at Shri Atal Bihari Vajpayee University, Lucknow U.P.**
- **External Member of Board of Studies in 2022-2023 at Brainware University, Kolkata West Bengal.**

PROFICIENT EXPERIENCE

- Proficient in documentation for the institute affiliation of college from University level.
- Proficient to conduct internal and external examination.
- Proficient in syllabus setting of various university i.e. : Teerthanker Mahaveer University Moradabad, Singhania University Rajasthan, Uttarakhand Technical University Dehradun, MJP Rohelkhand University Bareilly, Shri Atal Bihari Vajpayee University, Lucknow U.P.

WORKED ON UNITS

- Worked on Wipro GE DX 300-1000 MA X-rays Units with image Intensifier and Fluoroscopy in Santosh Medical College, Ghaziabad (U.P).
- Worked on GE, DX 500 MA X-rays Unit with Fluoroscopy in Lokpriya hospital Ghaziabad and Institute of Public Health and Hygiene, New Delhi .
- Worked on Digital and portable X-rays Machine in Lokpriya Hospital, Ghaziabad .
- Worked on Wipro GE light Speed Spiral CT Scan in Lokpriya Hospital, Ghaziabad and Sir Ganga Ram Hospital, New Delhi .
- Worked on ARC Somatom CT Scan Units in Santosh Medical College, Ghaziabad, U.P .
- Worked on Siemens Magnetom 1.0 Tesla MRI Unit in Sir Ganga Ram Hospital New Delhi .
- Worked on GE Logic 400 Ultrasound Unit in Santosh Medical College, Ghaziabad
- Worked on Portable X-rays Unit in Operation Theater in Santosh Medical College, Ghaziabad.
- Worked on CT Dual Slice in SGRRIMHS during students practical.
- Worked on Image Intensifier in SGRRIMHS during students practical
- Worked on all Medical Imaging Equipments like CT Scan, MRI, X-Rays with Special and Routine Procedures during Practical at TMU, Moradabad.

WORKED PLACE INFORMATION

1. INSTITUTE OF PARAMEDIAL SCIENCES (**Ghaziabad**) running in Degree and Diploma Courses in Paramedical Sciences. (X-rays, Lab tech, ECG Tech, CT Scan Tech, etc.) . Since 2001. and ISO 9001-2000 Certify .
- INSTITUTE OF PARAMEDIAL SCIENCES (**Ghaziabad**) Study Centre of Sikkim Manipal Deemed University , Chandra Shekhar Deemed University etc .
- 2. INSTITUTE OF PUBLIC HEALTH AND HYGIENE (**New Delhi**) running in Various degree and diploma Courses in ParaMedical Sciences , Since 1976. and ISO 9001-2000 Certify .
- INSTITUTE OF PUBLIC HEALTH AND HYGIENE (**New Delhi**) Study Centre of Manipal Academy of Higher Education Deemed University, Allahabad Agriculture Institute Deemed university , Sikkim Manipal University , Punjab Technical Deemed University,etc.
- 3. SHRI GURU RAM RAI INSTITUTE OF MEDICAL AND HEALTH SCIENCES (SGRRIMHS)(**Dehradun**) running in Degree Courses in Medical,ParaMedical,Nursing,Management,Computer Sciences,PG courses etc.
- 4. COMBIND INSTITUTE OF MEDICAL SCIENCES AND RESEARCH (CIMS&R)(**Dehradun**) is recognized by HNB Gharwal University,Srinagar Uttrakhand.
- COMBIND INSTITUTE OF MEDICAL SCIENCES AND RESEARCH (CIMS&R)(**Dehradun**) is running various courses in the field of Paramedical Sciences Such as BSc & MSc Nursing,BMLT,BSc Radiology,BMM,etc.
- 5. SARDAR BHAGWAN SINGH POST GRADUATE INSTITUTE OF MEDICAL SCIENCES (SBSPGIMS)(**Dehradun**) is recognized by HNB Gharwal University,Srinagar Uttrakhand.
- SARDAR BHAGWAN SINGH POST GRADUATE INSTITUTE OF MEDICAL SCIENCES (SBSPGIMS)(**Dehradun**)is running various Graduate and Post Graduate Courses such as MSc,Micobiology,Biochemistry,Pharmacy,BMLT,BSc Radiology,BMM,Biotechnology,etc.
- 6. SHRI RAM MURTI SMARAK INSTITUTE OF MEDICAL SCIENCES (**Bareilly**) running as Medical college with 105 beded Super Speciality Hospital with latests medical equipments in all Departments.Since 2002.
- SHRI RAM MURTI SMARAK INSTITUTE OF MEDICAL SCIENCES (**Bareilly**) running in Various Institute such Medical College., Parmedical College ,Nursing College , Engeneering College, Womens Engeneering College.
- SHRI RAM MURTI SMARAK INSTITUTE OF MEDICAL SCIENCES (**Bareilly**) having own Cancer Research Institute with latest Equipments.
- SHRI RAM MURTI SMARAK INSTITUTE OF MEDICAL SCIENCES (**Bareilly**) also having other colleges in different cities such as SRMS International Business College Lucknow.
- 7. TALENT INSTITUTE OF PROFESSIONAL STUDIES(TIPS) (**Rampur**) running in Degree and Diploma Courses in Paramedical Sciences. (X-rays, Lab tech, ECG Tech, CT Scan Tech, etc.) . Since 2001. and ISO 9001-2000 Certify .
- 8. ANSAL UNIVERSITY (**Gurugram**) as an autonomous private university running under the norms of Haryana State government. University with tie-ups of Super Speciality Hospital with latests medical equipments in all Departments.Since 2012.
- 9. INTEGRAL UNIVERSITY(**Lucknow**) as an autonomous private university running as Medical college with 700 beded Super Speciality Hospital with latest's medical equipments in all Departments.Since 2014.
- INTEGRAL UNIVERSITY (**Lucknow**) as an autonomous private university running in Various Institute such Medical College , Paramedical College ,Nursing College , Engineering College..

ROLE IN DEPARTMETS

- Inspection of X-rays Units and other Departmental Equipment before Starting the Radiological Procedure.
- Preparation for Routine & Special Procedures, X- Rays Room, Warm up of Units.
- Checking of regularity of Student in lecture and hospital posting.
- Checking of Emergency Drugs of Radiology Department.
- Students updating and care information to their parents.
- Patient care Management.
- Patient Shifting from Trolley(Stretcher) to X-Rays (Examine)Units.
- Advance Preparation with respect to Investigation required.
- Assist to Medical Team duringresuscitation Process (e.g., CPR, Taking Temp, & Pulse, Vital Signs).
- Dealing with Adverse effects of Contrast Media.
- **TROUBLESHOOT:Light Beam and Radiation Beam Congruence Consistency of MA & Timer, Perpendicularity of Beam.**

ADDITIONAL PROFESSIONAL ACTIVITIES

- Two Months Training in CT Scan (Wipro GE Light Speed) and MRI Scan (1.0 Tesla Magnatom) at SIR GANGA RAM HOSPITAL , New Delhi.
- Attended Ist Asia Pacific Conference of Radiological Technologist held at AIIMS , New Delhi.
- Attended Seminar and Special Lectures on Advance technique in Radiography held at Santosh Medical College Ghaziabad .
- Attended Radiological Technolocal Conference in GTB Hospital , Shadara , New Delhi .
- Attended seminar on “update in Radio diagnosis” by Medical Education Deptt.Held at Christian Medical College, Vellore.
- Attended “VIIIth National Conference of Indian Association of Radiological Technologists” hosted by Symbiosis Deptt. of Health Sciences held at Symbiosis International Education Centre Deemed Universit, Pune
- Attended National Conferences on Radiotherapy Under banner of Indian Association of Radiological Radiotherapy Technologist Hosted by department of Radiotherapy PGIMER, Chandigarh.
- Attended one day CME on Radiography Today and Tomorrow by Delhi Radiographer Association Under banner of Indian Association of Radiological Technologist Hosted by Deen Dayal Hospital, New Delhi on World Radiography Day.
- Conducted one day CME as a Organising Secretary on Recent Advances in Imaging Technology held at Shri Guru Ram Rai Institute of Medical and Health Sciences,Dehradun.
- Attended one day Seminar on Radiaton and Patient Safety held at B.L Kapur Memorial Hospital,New Delh
- Attended one day CME on Future Prospective of Nuclear Medicine Technology on May 2013 held at Ganesh Educational Institute and Reasearch Centre,New Delhi.
- Attended 11th National Conference of Indian Association of Radiological Technologist held on Nov.2013 held at AIIMS,New Delhi .
- Attended one day CME 8 hours credit of IRIA Resident Education Programme organized by Indian Radiological and Imaging Association held at Bareilly.
- Participated at the Consultation on Curricula redesign taskforce meet on Radiology and Imaging Technology organized by Ministry of Health and Family welfare,Govt of India held at India Habitat Centre,New Delhi.
- Attended as a Speaker in one day CME on advancement in Medical Imaging organized by Indian Society of Radiographer and Technologist held at U.P Rular Institute of Medical Sciences & Research Saifai on July 2015.

- Attended and Participated as a Speaker in 2nd National Conference of Joint Forum of Medical Technologist of India at AIIMS on 22-23 February 2016.
- Attended as speaker on 2 days workshop on Quality Assurance in Radiology on 26th, 27th Aug 2016 hosted by Dept. of Medical Physics at Sawai Maan Singh Medical College, Jaipur Rajasthan.
- Attended as Speaker in 1st International and 3rd National Conference of Indian Society of Radiological Technologist on 1st, 2nd & 3rd Sep 2016 at Ramoji Film City Hyderabad.
- Attended as Speaker in National Conference of Indian Association of Medical Physicist hosted by Department of Radiological Physics on 7th & 8th Nov 2016 at Sawai Maan Singh Medical College, Jaipur.
- Attended as Speaker in National Conference of Best Health Care Practice by Allied Health Professional in Modern Era hosted by Starex University in Association with MED Skil Development Educational Society on 28th September 2019.
- Attended as Speaker in 6th National Conference of Indian Society of Radiographer and Technologist hosted by Department of Radiological Physics on 12th & 13th Oct 2019 at Sawai Maan Singh Medical College, Jaipur.
- Conducted National Conference on Technical Advancement and Future Prospects in Imaging Technology as Organizing Secretary in Association with Indian Society of Radiographer and Technologist and MED skill Developemets Educational Society hosted by Department of Radiology and Imaging Technology on 13th Nov. 2019 at Ansal University Gurugram, Haryana.
- Conducted National CME on Role of Radiological Health Professionals in Digital Age as Organizing Secretary in Association with Indian Society of Radiographer and Technologist hosted by Department of Radiology and Imaging Technology on 02nd Feb 2020 at Ansal University Gurugram, Haryana.
- Conducted National conference on Innovation in Radiography & Imaging Expertise as Organizing Secretary in Association with Indian Society of Radiographer and Technologist hosted by Department of Radiology and Imaging Technology on 27th Nov 2021 at Sushant University Gurugram, Haryana.
- Conducted ICRT woekshop on Latent to Visible as Organizing Secretary in Association with Indian Society of Radiographer and Technologist hosted by Department of Radiology and Imaging Technology on 12th April 2022 at Sushant University Gurugram, Haryana.

EXTRA CURRICULAR ACTIVITIES

- Participated in Tarrifox run at Canadian high Commission, New Delhi.
- Member of Faridabad NIT Rotract Club as Medical Director.
- Participated in various welfare programs by the Club.
- Participated in One day Seminar on Radiation and Patient Safety as Organising Member held at B.L Kapur Memorial Hospital, New Delhi.

PROFESSIONAL REGISTRATION

- Indian Association of Radiological Technologist (IART), on dated 22 March 2005 Under Life Member Regd No : LM 0591, INDIA

MEMBERSHIP OF PROFESSIONAL BODY

- International Society of Radiographer and Radiological Technologist on dated 22 March 2005 Under Regd No : 181, U.K

SPECIAL EXPERTICE

- Pain Management and Wound Management.
- Excellent Team Work.
- Strong Analytical Ability.
- Excellent Pre and Post Care of patients Undergoing Emergency Insertion.
- Strong Written and Spoken English Skills.
- Teaching and Demonstration to the Radiography Students.

COMPUTER LANGUAGES / SKILLS

- Operating Systems : DOS, Windows 8/ XP SP1a /XP SP 2a, Home
- Packages : MS Office, Fox Pro.

PERSONAL DETAILS

Father : (Late) Mr.Mumtaz Ahamed Khan
Date of Birth : 08 July 1981
Marital Status : Married
Nationality : Indian
Passport No. : E4241557
Permanent Address : House No 400/32,Zeyarat Khurmeey Wali
Rajdwara Road,Rampur (U.P),244901 INDIA

REFERENCES

Dr.T.B.S BUXI

Head of Dept of Radiology
Sir Ganga Ram Hospital
New Delhi.

Mr.Mohan Lal Bhagwat

Asst.Prof.and Vice President (I.S.R.T)
Dept of Radiology
Jamia Hamdard University,New Delhi

Dr.Rajneesh Madhook

Professor & Head
SRMS Medical College
Breilly (U.P)

Dr.M.K.Chakarborty

Head Dept of Radiology
SBSPGI of Biomedical Sciences
Balawala, Dehradun

DECLARATION:

I hereby declare that the above-mentioned information is correct up to my knowledge and I bear the responsibility for the correctness of the above-mentioned particulars.

Prof.(Dr.) MOHD. USMAN KHAN

DATE.....

PLACE.....



Director
School of Biomedical Sciences
Crisha: Gurugram (Post-White Ansal University)
Sector-55, Gurugram, Haryana

The assessment of the same will be as under:

Assessment Procedure

S.No.	Name of the Value-Added course	Assessment methodology/Components
1	Legal Dimensions of Artificial Intelligence	Class Participation: 75% Attendance is the main criteria for assessment.


It is mandatory for the students of all semesters to choose this course and the classes. This Value-added course has been specially curated for them based on the gaps and need analysis and the same will be beneficial for the students.

Contact the Resource Person to register for the Course. The course offered is non-credit, free of cost and certificates will be presented to students post completion of the course with desired attendance.

For any queries related to the Value-added course kindly contact the undersigned:

Dr. Sulakshana

Assistant Professor, School of Law

Dr. Sulakshana
Dean (FOR)
School of Law




SCHOOL OF LAW
OFFICE ORDER

SU/SOL/OFFICE/2021/017

Date: 17th Jan 2022

Subject: Offering Value Added Course at the School of Law

The School of Law, Sushant University will be offering the following Value-Added Course (VAC) (non-credit course) for academic year 2021-22 Even Semester.

Course Details:

S. No.	Name of the Value-Added course	Duration (Contact Hours)	Courses offered for	Resource Person	Date of Commencement
1.	Legal Dimensions of Artificial Intelligence	31	BA/BBA LLB(H) and LLB(H) (All semester students)	Dr. Sulakshana	17/01/2022

The Syllabus of the courses offered is attached for your reference as annexures.



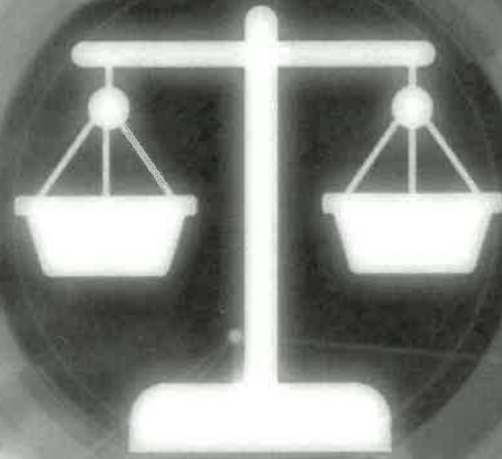


OFFERED BY SCHOOL OF LAW

VALUE
ADDED
COURSE

Legal Dimensions of Artificial Intelligence

NON CREDIT COURSE



2021-2022


Course Instructor: Dr. Sulakshana Banerjee

Course Duration: 31 Hrs



Venue: School of Law,
Sushant University



 Sushant University <small>Erstwhile Ansal University Gurugram</small>	SCHOOL OF LAW SYLLABUS FOR VALUE ADDED COURSE (VAC)	
	21SOL-VA01	NON-CREDIT COURSE
LEGAL DIMENSIONS OF ARTIFICIAL INTELLIGENCE		VERSION: 2021

Course Objectives:

Artificial Intelligence in Law will reflect on broad range of legal and policy challenges posed by artificial intelligence (AI), machine learning and other emergent technologies. Through this course students will explore the many promises and perils of AI. This course is innovative and cutting edge. The law in the areas is either nonexistent or nascent. There will be plenty of opportunity to think about how existing laws might be adapted to meet the regulatory and policy needs relevant to these emerging technologies. The course covers the legal relevance of the use of artificially intelligent software in the areas viz., IPR, Competition Law, Health Law, Labor Law, Judicial Process and Administration of Justice.

Course Outcomes:

Mapping between COs and Pos		
	Course Outcomes (COs)	Mapped Programme Outcomes
CO1	To gain the understanding and knowledge of Artificial intelligence and its Merits and Demerits	PO3
CO2	To appreciate the various integral and finer aspects of Artificial Intelligence in Law	PO3, PO4, PO9
CO3	To gain the understanding and knowledge of AI in legal fields, labour law, competition law and health law etc.	PO2, PO3, PO4, PO9
CO4	To study various case study of use of AI in various law firms.	PO3, PO4, PO6, PO8, PO9



Relationship between the Course Outcomes (COs) and Program Outcomes (POs)

PO Keywords	Instilling Professionalism	Effective Communication	Understanding Legal System	Legal Construction and Ability	Participation in Professional Training	Dealing with Contemporary Issues	Building Up Teamwork	Employability	Lifelong Learning
Course Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO 1		L	H	H		M		L	H
CO 2		L	M	H		M			M
CO 3		M	M	H	M	H		M	M
CO 4		H	H	H		M		H	H

L= Weakly mapped

M= Moderately mapped

H= Strongly mapped

Scheme:

This course is comprised of about 31 lectures of one-hour duration divided into four modules with 7-8 lectures in each module.

Course Contents:

MODULE 1: General Introduction of AI and Law

- a) Introduction to Artificial Intelligence. History of AI and Its Applications.
- b) AI and Law
 - Law and AI Software
 - Law and AI Hardware
- c) Legal Personhood, Responsibility and AI
- d) AI and Morality



- e) AI and Ethics
- f) AI and Regulatory Challenges
- g) AI in tort and criminal Law

MODULE 2: Implication of AI in various legal field

- a) Application of AI in Legal profession
- b) AI and Smart Contracts and financial transactions
- c) AI and Elections
- d) AI National Security and War
- e) AI and IP law
- f) AI and Cyber Crimes and Cyber Security
- g) AI and Health law
- h) CASE STUDY (Data management in Legal Firm through AI)

MODULE 3: AI and Judiciary

- a) AI and Judiciary
- b) Using AI tools in judicial process
- c) Using AI in judicial administration and reducing pendency of cases
- d) AI and Justice Delivery

MODULE 4: AI and Niche Technology

- a) Introduction to Algorithms, Machine Learning, and Artificial Intelligence
- b) Promise and Problems in Emerging Technology
- c) Robots, Algorithms,
- d) AI and Financial Technology
- e) Anaqua Studio
- f) LEX Machina
- g) Neota Logic Systems
- h) Using Technology to Solve Sociotechnical Problems
- i) CASE STUDY (Decision Making Through AI)

Pedagogy: The application of specific pedagogy is motivated from the fact that strong foundations need to be developed. However, it is to be kept in mind that implied understanding also needs to be developed on current issues relating to legal scenario in India.

Examination Scheme: On the successful completion of the Course, the student shall be awarded a Certificate on having 75% of attendance.



Text Books:

Duggal, Pawan (2017), Artificial Intelligence Law, Amazon

Articles:

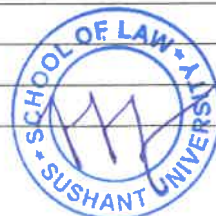
1. Lauren Kirchner, Julia Angwin, Jeff Larson & Surya Mattu, Machine Bias: There's Software Used Across the Country to Predict Future Criminals. And It's Biased Against Blacks, ProPublica, 2016 <https://www.propublica.org/article/machine-bias-risk-assessments-in-criminal-sentencing>
2. Ryan Calo, Artificial Intelligence Policy: A Primer and Roadmap (2017) <https://ssrn.com/abstract=3015350>
3. "How Artificial Intelligence is Transforming the Legal Profession," ABA Journal, posted April 1, 2016 (Julie Sobowale).
4. "Artificial Intelligence Looms Larger in the Corporate World," The Wall Street Journal, posted January 11, 2017 (Steven Norton).



**LESSON PLAN FOR THE LEGAL DIMENSIONS OF ARTIFICIAL INTELLIGENCE
(VALUE ADDED COURSE)**

Total no. of hours = 31

S. No.	Week	Date	Topic
1	Week 1	17.01.2022	Introduction- History of AI and its applications
2	Week 1	17.01.2022	Introduction- History of AI and its applications
3	Week 2	24.01.2022	AI and Morality
4	Week 2	24.01.2022	AI and Morality
5	Week 3	31.01.2022	AI and Ethics
6	Week 3	31.01.2022	AI and Ethics
7	Week 4	07.02.2022	AI in tort and criminal Law
8	Week 4	07.02.2022	AI in tort and criminal Law
9	Week 5	14.02.2022	Application of AI in Legal profession
10	Week 5	14.02.2022	Application of AI in Legal profession
11	Week 6	21.02.2022	AI and Smart Contracts and financial transactions AI and Elections
12	Week 6	21.02.2022	AI and Smart Contracts and financial transactions AI and Elections
13	Week 7	28.02.2022	AI and Elections
14	Week 7	28.02.2022	AI National Security and War
15	Week 8	07.03.2022	AI and Cyber Crimes and Cyber Security
16	Week 8	07.03.2022	AI and IP law
17	Week 9	14.03.2022	AI and Judiciary
18	Week 9	14.03.2022	Using AI tools in judicial process
19	Week 10	21.03.2022	Using AI in judicial administration and reducing pendency of cases
20	Week 10	21.03.2022	AI and Justice Delivery
21	Week 11	28.03.2022	AI and Justice Delivery
22	Week 11	28.03.2022	Introduction to Algorithms, Machine Learning, and Artificial Intelligence
23	Week 12	04.04.2022	Introduction to Algorithms, Machine Learning, and Artificial Intelligence
24	Week 12	04.04.2022	Promise and Problems in Emerging Technology, Robots, Algorithms,
25	Week 13	11.04.2022	AI and Financial Technology
26	Week 13	11.04.2022	Anaqua Studio
27	Week 14	18.04.2022	LEX Machina
28	Week 14	18.04.2022	Neota Logic Systems



29	Week 15	25.04.2022	Using Technology to Solve Socio-technical Problems
30	Week 15	25.04.2022	Using Technology to Solve Socio-technical Problems
31	Week 16	02.05.2022	CASE STUDY (Decision Making Through AI)

Sulakshana

Dr. Sulakshana Banerjee Mukherjee

Course Coordinator



W. ehts
(40/2)
Dean
School of Law



CURRICULAM VITAE

Dr. Sulakshana Banerjee Mukherjee
Assistant Professor of Law

C/O: Ananda Mukherjee
Ansal Esencia, Sector 67
Building No. E-10,
Flat No. UG-003, Gurugram
Pin Code: 122102
Mob No – 9560334078
Email- sulakshana313@gmail.com



EDUCATIONAL DETAILS:

Examination	Year of Passing	Institution / University	Percent	Division	
LL.M (Gold Medalist)	2007	Burdwan University	61%	1 st Class 1 st	
LL.B (Gold Medalist)	Preliminary	2002	Burdwan University	61.4%	1 st Class 1 st
	Intermediate	2003	Burdwan University	64.1%	1 st Class 1 st
	Final	2004	Burdwan University	64%	1 st Class 1 st
B.A. English (Hons)	2001	Vivekananda Mahavidyalya /Burdwan University	60%	1 st Class	
Higher Secondary (ARTS) (12 TH BOARD)	1998	Burdwan Municipal Girls High School	70%	1 st Division	
Madhyamik (10 th BOARD)	1996	Do	65%	1 st Division	

- ❖ Ph.D done from G. D GOENKA UNIVERSITY, GURUGRAM (2015-2019) under the valuable supervision of Prof. (Dr.) Sanjeevy Shanthakumar Sir presently, Director, GNLU.



1. Kanu Priya, "From IQ to EQ: A Student's Perspective", Compendium of V-EI Summit, 10-11 October 2020 at p. 82-84.
2. Kanu Priya, "Technology Changing the Legal discourse" Knowledge Review Magazine, April 2018 at p. 31-32.
3. Kanu Priya, "Leveraging Legal Acumen Beyond Boundaries" Indian Express (Legal Education) on 27 April, 2018 at p.3.
4. Kanu Priya, Report on International Conference on Environment-2017 organized by National Green Tribunal, New Delhi on 04-05 November, 2017.
5. Member, Core Editorial Team of Report on World Conference on Environment-2017 organized by National Green Tribunal, New Delhi on 25-26 March, 2017.
6. Handbook on "National Green Tribunal Act, 2010", Trinity Publications, 2017.
7. Kanu Priya, "Legal education Needs Reforms, Commitment", Careers 360, January, 2017 at p. 110.
8. Kanu Priya, "What can Indian Law Schools learn from their Western Counterparts", Careers 360, January, 2017 at p. 68.
9. Articles entitled "Law of arrest" and "Prison Law Favouring women" published in Nyaya-college magazine of Dogra Law College, Jammu in 2004.

Conferences/ Seminars/ Workshops Attended; Guest Lectures Delivered

1. Delivered lecture on "Planning Pedagogy and Creative Assessment in Higher Education" as Resource Person in 15 days Online Refresher Course on National Education Policy & the Teaching Pedagogy, organized by Bhartiya Vidyapeeth Deemed to be University, Pune & Droit Penale Group in collaboration with Guru Angad Dev Teaching Learning Centre PMMMNMTT, Ministry of Education on 31 March, 2022.
2. Participated in the 2022 Asia-Pacific Law Deans' Forum - Legal Education Post-Pandemic: Being Proactive for the Future, organized by International Association of Law Schools on 29 March, 2022.
3. Panel Speaker in the 'Pink Heroes Law Conference (PHLC)' on 'Role of Women in Law Making' organized by The Centre for Human Rights, Gender and Social Inclusiveness, Jagran lake University in collaboration with the Indian Law Institute (ILI), New Delhi on March 8, 2022.
4. Resource person for One Day Seminar on "Identification of Abusive Relationship and Prevention of Domestic Violence" organized by The NorthCap University in collaboration with National Commission for Women on 08 March, 2022.
5. Adjudged the finals of National Mediation Competition at Justitia- The Virtual Lex Fiesta organized by Gitarattan International Business School on 27 October, 2021.
6. Delivered a lecture on 'Understanding the SU Graduate - Vision and Outcomes' during Faculty Training Orientation Research Programme, SAA FACTOR 'Creating a Lesson Plan' on 31 August, 2021.
7. Adjudged the 2nd Sharnad Basheer Access to Justice Diversity Writing Competition-2021, organized by LSAC Global in July, 2021.
8. Panelist in the Panel Discussion on "Scope of GenX Lawyers in ODR Mechanism" organized by Lawyered on 30 June, 2021.
9. Judged the Final Round of International Online Moot Court Competition 2021, organized by Indian National Law Review in collaboration with Ruggle Partners, Switzerland on 27 June, 2021.
10. Participated in One Week Workshop on 'Research Methodology' organized by Sharda University on 22-26 June, 2021.
11. Panelist in the Panel Discussion on "Design Patents: Monopoly or Open Source?" organized by School of Design, Sushant University, Gurgaon on 26 April, 2021.
12. Attended 4-day Training Programme on "Capacity Building of NGOs" conducted by Bosch on 22-25 March, 2021.
13. Attended 3-Day Campus Safe Program organized by AIU and Martha Farrell Foundation, 24-26 February, 2021.

1. Kanu Priya, "International Conference on Child Rights", Sushant University, 27 April, 2019, ISBN: 978-164570093-7.
2. Kanu Priya, "International Conference on Right to Privacy", School of Law, The NorthCap University, 14 October, 2017, ISBN No.978-164136210-8.

Book Chapters

1. Kanu Priya, "Copyright Infringement and Academic Integrity: Regulating Plagiarism" in "Intellectual Property Rights: Contemporary Developments", Thomson Reuters (2020), ISBN: 978-93-89891-50-8.
2. Kanu Priya, Ayushi Agarwal, "Nature and Development of Real Estate Sector in India", in "Contours of Real Estate Laws", Thomson Reuters (2020), ISBN: 978-93-89407-59-4.
3. Kanu Priya, Immigration as a Factor for Economic Growth of the State of Punjab, *Proceedings of 2nd International Conference on Management (ICON 2015)*, G D Goenka University Gurgaon, India, February 2015, pp. 116-131, ISBN: 978-93-8486-928-1

Research Paper Publications

1. Kanu Priya, "The Journey of Legitimate Recognition: LGBT In India", Journal of The Asiatic Society of Mumbai, Vol. XCV, No.10, 2022, ISSN: 0972-0766 (UGC Care).
2. Kanu Priya, "Overseas Indians: Access to Right to Information", Journal of Critical Reviews, Vol. 6 Issue 6, 2019, ISSN: 2394-5125 (Scopus & UGC Care) (SNIP: 2.16).
3. Kanu Priya, "Legality of Controversial Impeachment of Chief Justice of Apex Court", International Journal of Advances in Arts, Sciences and Engineering (IJOAASE), Vol. 7 Issue 14, ISSN: 2320-6144, August, 2018 (UGC Approved) (IF: 3).
4. Kanu Priya, Urvashi Bhardwaj, "India After Bhopal Gas Tragedy and Other Legal Systems", International Journal of Advanced Research and Development, Vol.3 Issue 2, Mar-Apr. 2018 at p.1162-1169, ISSN No. 2455-4030 (UGC Approved) (RJIF: 5.24).
5. Kanu Priya, R.K. Nair, "Basic principles of Patent Specification Drafting in India", MIPR 2018(1) 139.
6. Kanu Priya, Praveen Kumar, "Victims of Global Climate Change: A Structured Catastrophe on Earth", MDU Law Journal, Volume XVIII, 2017, ISSN No. 2230-746X (UGC Approved).
7. Kanu Priya, "Water Laws in India", International Journal of Environment, National Green Tribunal, 2017.
8. Kanu Priya, Ritu Dhingra, "Role of Sustainable Forest Management and Green Energy in Combatting Climate Change in the Indian Context", Education Times, Volume VI, Number-1, 2017 at p. 276, ISSN No. 2319-8265 (UGC Approved).
9. Kanu Priya, Ritu Dhingra, "Remote Sensing and Sustainable Forest Management", Education Times, Volume VI, Number-1, 2017 at p. 283, ISSN No. 2319-8265 (UGC Approved).
10. Kanu Priya, R.K. Nair, "IPR Concept used in Indigenous Medicine of India, MIPR 2017(3) 145.
11. Kanu Priya, Hansikaa Chauhan, "Wireless Mobile: A contribution to the Indian Economy", International Journal for Research Publication and Seminar, Volume 08, Issue 05, June 2017, ISSN No. 2278-6848 (CIF: 6.13).
12. Kanu Priya, "Indian Courts to Rescue Abandoned NRI Brides", *Law and Society: A New Challenge*, ISSN NO-2348-4861, Vol. 3 Issue 1, June 2016.
13. Kanu Priya, Domestic violence and Abandoned NRI Brides, *Law and Society: A New Challenge*, ISSN NO-2348-4861, Vol. 2 Issue 2, December 2015.
14. Kanu Priya "Overseas Citizenship of India - An Overview", *Justice' International Journal of Law*, Year-1, Issue-2, ISSN: 2320-1665, Jan, 2014.

Reports and Articles

A handwritten signature in black ink is written over a circular blue stamp. The stamp contains the text "SUSHANT UNIVERSITY SCHOOL OF LAW" around the perimeter. The signature is stylized and appears to be "Kanu Priya".

- Handled Community Service Projects

Teaching Experience (Regular): 11+ Years

ORGANIZATION	DURATION	DESIGNATION
School of Law, Sushant University, Gurgaon	August 2018 till date	Professor & Associate Dean
School of Law, NorthCap University, Gurgaon	July 2016- August 2018	HOD/ Associate Professor
School of Law, G.D. Goenka University, Gurgaon	June 2014- May 2016	Assistant Professor (Pay Band-III)
Rayat & Bahra College of Law, Mohali	January 2007- May 2009	Assistant Professor
Department of Law, Jammu University, Jammu	August 2006- November 2006	Lecturer
Lovely Institute of Law, Jalandhar	January 2005- May 2005	Lecturer
Dogra Law College, Jammu	July 2004- January 2005	Lecturer

Guest Faculty & Research experience: 7 Years

Department of Law, Dhaka International University	January 2021- June 2021	Guest Professor
Law Department, Panjab University Regional Centre, Ludhiana	June 2009- June 2010	Guest Faculty
Punjab University, Chandigarh	Sept 2008- March 2014	Ph.D. scholar

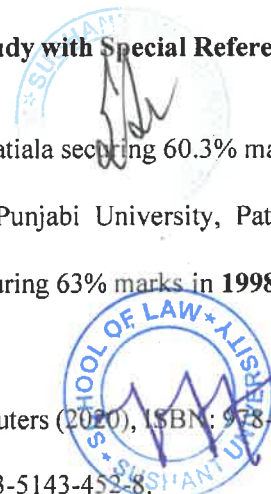
Educational Qualification (Throughout 1st Division)

- Completed an 8 weeks **certificate course on 'Strategy Execution'** from Harvard Business School Online, December 2021.
- **Ph.D. on "Immigration and Its Implications: A Socio-Legal Study with Special Reference to State of Punjab"** from Panjab University, Chandigarh, 2014.
- **NET (UGC) qualified in June 2005.**
- **Master of Laws (Constitutional Law)** from Punjabi University, Patiala securing 60.3% marks in **2003.**
- **Bachelor of Law (Three Years (Professional) Course)** from Punjabi University, Patiala securing 60.6% marks in **2001.**
- **B.Sc. (Medical)** from Government Mahindra College, Patiala securing 63% marks in **1998.**

Books Published

1. Kanu Priya, Komal, "Contours of Real Estate Laws", Thomson Reuters (2020), ISBN: 978-93-89407-59-4.
2. Kanu Priya, Immigration Laws, Lexis Nexis (2015), ISBN: 978-93-5143-452-8.

Conference Proceedings



PERSONAL DETAILS:

Date OF Birth	13 th March ,1983
Marital Status	Married
Husbands Name	Mr. Ananda Mukherjee
Languages Known	English, Bengali, Hindi
Passport Number	H1895968
Extra-curricular Activities	Music, Playing keyboard, Art & Craft.
Permanent Address	C/O: Ananda Mukherjee Ansal Esencia, Sector 67, Building No. E-10, Flat No-UG-003, Gurugram - 122102 Mob No – 9560334078 Email- sulakshana313@gmail.com

All the above mentioned details are true to the best of my knowledge.

Date:

Signature

(Dr Sulakshana Banerjee)

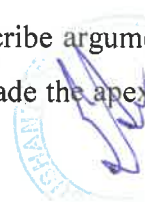


GAP ANALYSIS FOR LEGAL DIMENSIONS OF ARTIFICIAL INTELLIGENCE
(VALUE ADDED COURSE)

Law as a dynamic subject always need to change with the changing needs of the society. The importance of Artificial Intelligence plays a very significant area in the field of law. AI can help with case prediction, document appraisal, contract analysis, and legal research. AI may assist in resolving disputes by providing mediation and arbitration services. AI can assist in reducing case backlogs and improve judicial efficiency. Artificial intelligence (AI) is rapidly changing the way litigation is conducted. This course aims to shape the students as resourceful in professional arena and to comprehend the importance of AI technology and its successful implication in legal profession.

Why this course is being offered?

- Self–development & Prosperity- Going by global trends, greater adoption of these tools in the Indian legal system is inevitable. AI and ML should assist but do not replace human decision making. The ethical and responsible use of AI and ML for the advancement of efficiency enhancement can be increasingly embedded in legal and judicial processes.
- Professional enhancement- AI can be used to very quickly produce initial drafts, citing the relevant case law, advancing arguments, and rebutting (as well as anticipating) arguments advanced by opposing counsel. Human input will still be needed to produce the final draft, but the process will be much faster with AI.
- Skill Based Learning- Artificial intelligence (AI) is rapidly changing the way litigation is conducted. AI-powered tools are being used to automate tasks, analyze data, and generate legal documents, which is helping to make the legal process more efficient and cost-effective.
- Advance Technical Skills to acclimatize - The software enables lawyers to enter complex legal tasks in simple instructions to achieve desired results. The Supreme Court of India has also begun using AI software to transcribe arguments before the court and dialogue between the bar and the bench. This has made the apex court a court of record in the true sense.



- Employability- One of the motto of Value Added Course is to provide employability. AI can use literal truckloads of data and sort through it using various parameters like the previous ruling of the judge, similar case judgments, emotional triggers, etc. It can also help a legal practitioner predict the outcome of any case on hand. Gaining knowledge in AI and Law will open the path for employment for the legal students.

Overall, this course will enhance a holistic development of students in this competitive era. This course will also develop the self-confidence and perception of the students.

Prof. (Dr.) J.S. Dahliya
Dean
School of Law



Dr. Sulakshana
Course Coordinator
School of Law



SUSHANT UNIVERSITY
SCHOOL OF ENGINEERING & TECHNOLOGY
OFFICE ORDER

January 24, 2022

REF: SET/00/January/24/2022/023

Value added course (VAC) will be offered by School of Engineering & Technology, Sushant University Erstwhile Ansal University, Gurugram in the Academic Session 2021-22 (Even Semester).

Value Added Course Details:

S. No	VAC Code	VAC - Title	Duration (Hours)	Date of Commencement	Faculty Name	Batch	Evaluation Criteria
1	21SET-VA02	Emerging Technologies & AI	30	01/February/2022	Dr. Bindu Thakral	B.Tech 4 th Sem (2020-24), B.Tech 2 nd sem (2021-25), BCA 4 th Sem (2020-23) (CSE) B.Tech 8 th sem (2018-22) (CE)	75% Attendance & successful completion of assignment/presentation

Course Objectives:

1. Discuss the impact of emerging technologies on project design, implementation, and transformation.
2. Recognize current and emerging technologies and their potential to impact social conditions, the economy, and daily life.
3. Compare and contrast current and emerging technologies and their implications for social ethics and the global workplace.
4. Recognize the importance of ethical practices with new technologies.

It is mandatory for the students to attend the value added courses during the academic year 2021-22 (Even Semester). This is a noncredit course and certificates will be issued to students on completion of the program. For any queries regarding these courses, kindly contact the undersigned.


Mr. Anand Sharma
Assistant Professor-SET


Dean/Associate Dean - SET



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Technology
Gurugram

Introducing
Value Added Courses

B.Tech 4 th sem, B.Tech 2 nd sem (CSE)
(2020-24) and (2021-25)

BCA 4 th sem (2020-23)

B.Tech 8 th sem (CE)
(2018-22)

Classes to Commence from
01 February 2022

VAC Code: 21SET-VA02

VAC TITLE

Emerging Technologies & AI

FACULTY

Dr. Bindu Thakral

Venue & Time Slot: D-301, Wed: 03:15 p.m. to 05:00 p.m.


Dean
School of Engg & Technology
Sushant University
Sector 55, Gurugram



VALUE ADDED COURSE SYLLABUS

Course Title: Emerging Technologies & AI

Resource Person: Dr. Bindu Thakral

 Sushant University <small>Erstwhile Ansal University Gurugram</small>	School of Engineering & Technology Course Outline		
Course Title: Emerging Technologies & AI Course Code: 21SET-VA02			
Semester: B.Tech (IV, II) Sem (CSE)/B.Tech (VIII) Sem (CE)/BCA (IV) Sem	Academic Year: 2021-22	Value added course	Credits: 0
Course Designed by: Dr. Bindu Thakral Email: binduthakral@sushantuniversity.edu.in		Course Instructor: Dr. Bindu Thakral Email: binduthakral@sushantuniversity.edu.in	
Pre-requisites: None			

1. Course Outcomes:

Upon successful completion of the course, the students should be able to

CO1: Discuss the impact of emerging technologies on project design, implementation, and transformation.

CO2: Recognize current and emerging technologies and their potential to impact social conditions, the economy, and daily life.

CO3: Compare and contrast current and emerging technologies and their implications for social ethics and the global workplace.

CO4: Recognize the importance of ethical practices with new technologies.

2. CO and PO mapping

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PS O1	PS O2	PS O3
CO 1		L		H		L		H		H	L	H	M	M	
CO 2			H			L	L		H			H		H	
CO 3		M		H		H	L		H	H		H	H	H	
CO 4		M	H			H			H		H				
CO 5			H			H				H	H	H		H	

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 School of Engineering & Technology



3. Syllabus:

Total Hrs.: 32

UNIT I - Introduction to Emerging Technologies Total: 6 hours
Overview of Emerging Technologies, Evolution of AI, Key Concepts and Principles, Importance of Emerging Technologies in Various Industries, Digital Transformation, Ethical Considerations in the Era of Emerging Technologies, Case Studies in AI Implementation.

UNIT II - Artificial Intelligence Fundamentals Total: 6 hours
Understanding Artificial Intelligence, Machine Learning and Deep Learning, AI Algorithms and Models, Natural Language Processing (NLP) and Computer Vision, AI in Real-world Applications, Security and Privacy Challenges in AI.

UNIT III - Data Science and Big Data Analytics in AI Total: 8 hours
Foundations of Data Science, Big Data Technologies, Data Preprocessing and Feature Engineering, Predictive Analytics and Pattern Recognition, Data Ethics and Responsible AI, Case Studies in Data Analytics and AI.

UNIT IV - Applications of AI in Various Industries Total: 6 hours
AI in Healthcare, Finance, Marketing, and Education, Robotics and Automation, AI-driven Decision Support Systems, AI for Personalization and Recommendation, Ethical Considerations in AI Applications.

UNIT V - Ethical and Social Implications of Emerging Technologies & AI Total: 6 hours
Ethical Considerations in AI Development and Deployment, Privacy and Security in AI, AI's Impact on Employment and Workforce, Bias and Fairness in AI, Responsible AI Practices, Global Adoption of AI.

4. Textbook(s):

T1. "Artificial Intelligence: A Modern Approach" by Stuart Russell and Peter Norvig, Pearson, 2022.

T2. "Data Science for Business" by Foster Provost and Tom Fawcett, O'Reilly Media, 2013.

5. Reference Book(s):

R1: "Life 3.0: Being Human in the Age of Artificial Intelligence" by Max Tegmark, Knopf, 2017.

R2: "Artificial Intelligence: Foundations of Computational Agents" by David L. Poole and Alan K. Mackworth, Cambridge University Press, 2017.

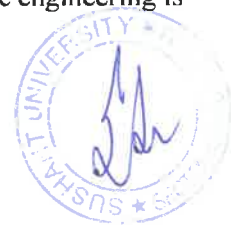
6. Programme Educational Objectives (PEOs)

PEO-1 Graduates will apply the knowledge of Computer Science Engineering to solve real world Engineering problems.

PEO-2 To prepare graduates with an outstanding knowledge of engineering, technology and its applied streams along with the management, humanities and various other interdisciplinary subjects for a successful career.

PEO-3 Enable graduates to acquire knowledge of relevant Technologies and multidisciplinary fields including broad social, ethical and environmental issues within which the engineering is practiced.

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PEO-4 To create awareness and understanding within the graduates related to societal issues, apart from developing a sense of commitment to the community and profession with sincere.

7. Programme Outcomes (POs)

On successful completion of the program, the Computer Science and Engineering Graduates are expected to:

PO1: Engineering knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and engineering. Specialization to the solution of complex engineering problems.

PO2. Problem analysis: Identify, formulate, research literature, and analyze engineering problems to arrive at substantiated conclusions using first principles of mathematics, natural, and engineering sciences.

PO3. Design/development of solutions: Design solutions for complex engineering problems and design system components, processes to meet the specifications with consideration for the public health and safety, and the cultural, societal, and environmental considerations.

PO4. Conduct investigations of complex problems: Use research-based knowledge including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

PO5. Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and modelling to complex engineering activities with an understanding of the limitations.

PO6. The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal, and cultural issues and the consequent responsibilities relevant to the professional engineering practice.

PO7. Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

PO8. Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

PO9. Individual and team work: Function effectively as an individual, and as a member or leader in teams, and in multidisciplinary settings.

PO10. Communication: Communicate effectively with the engineering community and with society at large. Be able to comprehend and write effective reports documentation. Make effective presentations, and give and receive clear instructions.

PO11. Project management and finance: Demonstrate knowledge and understanding of engineering and management principles and apply these to one's own work, as a member and leader in a team. Manage projects in multidisciplinary environments.

PO12. Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

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8. Programme Specific Outcomes (PSO's)

On completion of the B.Tech (Computer Science and Engineering) degree the graduates will be able to

PSO1: Apply standard Software Engineering practices and strategies in real-time software project development using open-source programming environment or commercial environment to deliver quality product for the organization success

PSO2: Design and develop computer programs/computer-based systems in the areas related to algorithms, networking, web design, cloud computing, IoT and data analytics of varying complexity

PSO3: Acquaint with the contemporary trends in industrial/research settings and thereby innovate novel solutions to existing problems

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VAC - Emerging Technologies & AI

LESSON PLAN

S.No.	Week	Date	Topic
1	1	01-Feb	Overview of Emerging Technologies
2	1	02-Feb	Evolution of AI
3	2	08-Feb	Key Concepts and Principles of Emerging Technologies
4	2	09-Feb	Importance of Emerging Technologies in Various Industries
5	3	15-Feb	Digital Transformation in the Era of Emerging Technologies
6	3	16-Feb	Ethical Considerations in Emerging Technologies
7	4	22-Feb	Case Studies in AI Implementation
8	4	23-Feb	Understanding Artificial Intelligence
9	5	01-Mar	Machine Learning and Deep Learning Fundamentals
10	5	02-Mar	AI Algorithms and Models
11	6	08-Mar	Natural Language Processing (NLP) and Computer Vision in AI
12	6	09-Mar	AI in Real-world Applications
13	7	15-Mar	Security and Privacy Challenges in AI
14	7	16-Mar	Foundations of Data Science
15	8	22-Mar	Big Data Technologies for AI
16	8	23-Mar	Data Preprocessing and Feature Engineering in AI
17	9	29-Mar	Predictive Analytics and Pattern Recognition in AI
18	9	30-Mar	Data Ethics and Responsible AI
19	10	05-Apr	Case Studies in Data Analytics and AI
20	10	06-Apr	AI in Healthcare
21	11	12-Apr	AI in Finance, Marketing, and Education
22	11	13-Apr	Robotics and Automation with AI
23	12	19-Apr	AI-driven Decision Support Systems
24	12	20-Apr	AI for Personalization and Recommendation
25	13	26-Apr	Ethical Considerations in AI Applications
26	13	27-Apr	Ethical Considerations in AI Development and Deployment
27	14	03-May	Privacy and Security in AI
28	14	04-May	AI's Impact on Employment and Workforce
29	15	10-May	Bias and Fairness in AI
30	15	11-May	Responsible AI Practices
31	16	17-May	Global Adoption of AI
32	16	18-May	Certificate Distribution

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VALUE ADDED COURSE RESOURCE PERSON PROFILE

Faculty Name: Dr. Bindu Thakral

Qualification: PhD (VLSI)

Designation: Assistant Professor

Specialization: ECE

Experience: 17 Years

Books Published: 03 (1. Applied Electronics,

2. Fundamentals of Electrical & Electronics

Engineering 3. Basics of Electronics Engineering

under ministry of India SME)

Book Chapters: 02

Publications: 36 Research papers in reputed National, International conferences, Scopus and e-Sci Indexed journals.

Patents: 04

Research Interests: Microprocessors, Analog Electronics, filter design, current conveyor, VHDL & Digital Systems and communication Systems, Neural Networks, Internet of Things



Dean
School of Engineering & Technology
Sushant University
Sector 15, Gurugram



SUSHANT UNIVERSITY
SCHOOL OF ENGINEERING & TECHNOLOGY
OFFICE ORDER

August 24, 2021

REF: SET/00/August/24/2021/087

Value added course (VAC) will be offered by School of Engineering & Technology, Sushant University Erstwhile Ansal University, Gurugram in the Academic Session 2021-22 (Odd Semester).

Value Added Course Details:

S. No	VAC Code	VAC - Title	Duration (Hours)	Date of Commencement	Faculty Name	Batch	Evaluation Criteria
1	21SET-VA01	Planning & Scheduling using Microsoft Project	30	01/September/2021	Mr. Anand Sharma	B.Tech (7 th Sem) (2018-22), B.Tech 5 th sem (2019-23), (CSE) B.Tech 7 th sem (2018-22) (CE)	75% Attendance & successful completion of assignment/presentation

Course Objectives:

1. To enhance practical skills and structured training approach to use the Microsoft Project with its techniques and features in project planning, scheduling & monitoring.
2. To examine practical scenarios in Project Management.
3. To adopt management methodology based on industrial's practices.
4. To identify, organize, and control tasks and resources required to complete a project under the constraints of time and cost.

It is mandatory for the students to attend the value added courses during the academic year 2021-22 (Odd Semester). This is a noncredit course and certificates will be issued to students on completion of the program. For any queries regarding these courses, kindly contact the undersigned.


Mr. Anand Sharma
Assistant Professor-SET


Dean/Associate Dean - SET



**Introducing
Value Added Courses**

**B.Tech 7th sem, B.Tech 5th sem (CSE)
(2018-22) and (2019-23)**

**B.Tech 7 th sem (CE)
(2018-22)**

**Classes to Commence from
01 September 2021**

VAC Code: 21SET-VA01

VAC TITLE

Planning and Scheduling using Microsoft Project

FACULTY

Mr. Anand Sharma


Venue & Time Slot: D-322, Wed: 03:15 p.m. to 05:00 p.m.



VALUE ADDED COURSE

Course Title: Planning & Scheduling using Microsoft Project

Resource Person: Mr. Anand Sharma

 Sushant University <small>Erstwhile Ansal University Gurugram</small>	School of Engineering & Technology Course Details	
Course Code: 21SET-VA01	Course Title: Planning & Scheduling using Microsoft Project	
Academic Year: 2021-22	Term: Odd	Credits: 0
Course Designed by: Anand Sharma E-mail: anandsharma@sushantuniversity.edu.in	Course Instructor: Anand Sharma E-mail: anandsharma@sushantuniversity.edu.in	
Course Pre-requisites: Nil	No. of sessions: 30	

1. Course Description

Microsoft Project is a project management application that gives managers the ability to track tasks, resources, reports and timelines for small and enterprise projects. Just one mistake during project management can destroy project budgets and deadlines. MS Project helps you avoid common pitfalls by giving you a complete overview of every component of a project, and this course explains each one of these components to get you started.

Employability-level: Foundation Skill

1. Foundation Core	2. Foundation Skill	3. Professional Core	4. Professional Skill	5. Premier Skill
	✓			

2. Course Objectives

The broad objectives of this course are to

- To enhance practical skills and structured training approach to use the Microsoft Project with its techniques and features in project planning, scheduling & monitoring.
- To examine practical scenarios in Project Management.
- To adopt management methodology based on industrial's practices.
- To identify, organize, and control tasks and resources required to complete a project under the constraints of time and cost.



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3. Course Pedagogy

The course follows the pedagogy of “learning by doing”.

4. Course Contents and Schedule

The class would meet weekly for 3 hrs (1L+2P).

Week. No.	Session Topic / Sub-topic Description/ Overview of Course Structure and its Significance	Duration (Hours)	Activity/ Assignment
1	Introduction to Microsoft Project and Project Management.	3	Theory
2	Methods of Planning	3	Theory
3	Create and Save a Project	3	Activity
4	Define the work calendar	3	Activity
5	Assignment – 1		Assignment
6	Create and Modify Tasks,	3	Activity
7	Organize project with summary tasks	3	Activity
8	Task dependencies and its applications	3	Activity
9	Assignment – 2		Assignment
10	Resource Management: Create and Assign Resources	3	Activity
11	Milestone Tasks and Reoccurring Tasks	3	Activity
12	Tracking Progress of Project	3	Activity
13	Certificate distribution		

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VALUE ADDED COURSE RESOURCE PERSON PROFILE

ANAND SHARMA
Ph.D. (Pursuing, DTU), M.Tech, B.Tech

Designation: Assistant Professor
Department: Mechanical Engineering
Email id: anandsharma@ansaluniversity.edu.in
Extn: 544



Qualification: Ph.D. (Pursuing), DTU (formerly Delhi College of Engineering)

M.Tech (M. M. University)

B.Tech (Kurukshetra University)

Work experience: 10+ years of Academic

Courses Taught: Fluid Mechanics
Heat and Mass Transfer
CAD/CAM
CIM
Material Science
Automobile Engineering
Strength of Material

Research Areas: Non-conventional machining methods
Advance materials
Machining of difficult to machine materials
MR Finishing

Affiliations, Achievements and Accolades:

- Awarded best paper award at *International Conference on Newest Drift in Mechanical Engineering*, 2014.



VALUE ADDED COURSE RESOURCE PERSON PROFILE

- ❑ Gained recognition for excellent performance in co-curricular and event management activities in college.
- ❑ Awarded as 'Student of the Month' by Kips India in 2005
- ❑ Stood at 2nd position in Inter School Basketball Championship in 2004 & 2005
- ❑ Won gold medal in basketball in 2007
- ❑ Won bronze medal in basketball in 2008

Projects: Design and manufacturing of Hovercraft

Case study on Hybrid Car

WEDM of composite material

Design and manufacturing of ATV

Publications:

- ❑ Sharma, A., Garg, M.P. and Goyal, K.K., 2014. "**Prediction of optimal conditions for WEDM of Al 6063/ZrSiO_{4(p)} MMC**". *Procedia Materials Science*, Vol. 6, pp. 1024-33.
- ❑ Sharma, A., Garg, M.P., Goyal, K.K. and Kumar, A., 2014 "**Examination of Wire Electrical Discharge Machining of ZrSiO_{4(p)}/Al 6063 MMC**" *International Conference on Newest Drift in Mechanical Engineering*.
- ❑ Sharma, A., Garg, M.P., Goyal, K.K. and Kumar, A., 2014 "**Investigation of Wire Electrical Discharge Machining of Zrsio4p/Al 6063 MMC**", *International Journal of Machining and Machinability of Materials*, Vol.18 (4), pp. 392-411.
- ❑ Garg, M. P., & Sharma, A. (2017). "**Examination of accuracy aspect in machining of ZrSiO_{4p}/6063 aluminium MMC using CNC Wire Electrical Discharge Machining**", *Composites Communications*, 6, 6-10.

Conferences/Workshops/Trainings:

- ❑ *International Conference on Newest Drift in Mechanical Engineering*, Hyderabad (2014).
- ❑ *International Journal of Machining and Machinability of Materials*, Ambala (2014).

