## DVV Clarifications Metrics Level Deviations

1.3.2			added cou e skills offe			Provide List of the value-added courses offered imparting transferable and life skills. Provide
	1.3.2.1. Ho added HEI Input :	within	new value the		urses are five years	Brochure and Course content of Value-added courses for the year 2016-17, 2017-18, 2018-19 and 2019-20, 2020-21."
	2020 -21	2019 -20	2018 -19	2017 -18	2016 -17	
	318	168	58	19	6	
					· · ·	

# **Supporting Documents:**

- 1. List of Value-added courses for the year 2020-21, 2019-20, 2018-19, 2017-18 and 2016-17
- 2. Brochure and Course content of Value added courses

Sl. No.	Name Of Course
1	Soft Skil
2	Life Skill
3	Accounting And Finance For IT Professionals
4	Advanced Manufacturing Enterprise
5	Advanced Styling With Responsive Design
6	AI For Everyone
7	AI From The Data Center To The Edge – An Optimized Path
	Using Intel® Architecture
8	Air Pollution- A Global Threat To Our Health
9	Algorithmic Toolbox
10	Android Development
11	Antimicrobial Resistance - Theory And Methods
12	API Design And Fundamentals Of Google Cloud's Apigee API
12	Platform
13	Applied Data Science With Python Specialization
14	Anglied Disting Charting & Date Departmentation In Dath on
	Applied Plotting, Charting & Data Representation In Python
15	Architecting With Google Compute Engine Specialization
16 17	Arduino Platform And C Programming
	Astrobiology And The Search For Extraterrestrial Life
18	AWS Fundamentals: Going Cloud-Native
19 20	Bacteria And Chronic Infections
	Basic Data Processing And Visualization
21	Basic Of HTML5
22	Basic Python Programming
23 24	Basic Statistics
24	Big Data Specialization
23	Biochemical Principles Of Energy Metabolism Biohacking Your Brain's Health
20	Bioinformatic Methods I
27	Bioinformatic Methods I
28	
30	Bioinformatics: Algorithms And Appl;Ications
30	Biostatistics And Design Of Experiments
31	Build Basic Generative Adversarial Networks (Gans)
	Building Database Applications In PHP Building Modern Bythen Applications On AWS Solutions
33	Building Modern Python Applications On AWS Solutions
34	Building Web Applications In PHP

#### List of the value added courses offered in 2020-21

Sl. No.	Name Of Course
35	C++ LANGUAGE
36	CANCER BIOLOGY
37	CANCER METASTASIS
38	Capstone: Retrieving, Processing, And Visualizing Data With Python
39	Career Decisions: From Insight To Impact
40	CELL CULTURE TECHNOLOGIES
41	Certificate Program On Digital Electronics
42	Chemicals And Health
43	Classical Cryptosystems And Core Concepts
44	Client Needs And Software Requirements
45	Cloud Computing Basics
46	Combinatorics And Probability
47	Communication Theory : Bridging Academia And Practice
48	Comparing Genes, Proteins, And Genomes (Bioinformatics III)
49	Control Engineering
50	Convolutional Neural Networks In Tensorflow
51	Coursera Getting Started With Python
52	Coursera Python Data Structures
53	COVID - 19 Contact Tracing
54	Covid-19 Detection Using Chest X-Ray
55	Covid-19 Training For Healthcare Workers
56	Crash Course On Python
57	Creating New Bigquery Datasets And Visualizing Insights
58	CSS
59	Cybersecurity And Internet Of Things
60	Cyber Security Compliance Framework & System Administration
61	Cyber Security Roles, Processes & Operating System Security
62	Data Analysis And Machine Learning Using Python
63	Data Analysis With Python
64	Data Analytics With Python
65	Data Entry Internship
66	Data Science By IBM On Coursera
67	Data Science Ethics
68	Data Science Maths Skills
69	Data Science Methodology
70	Data Science Orientation
71	DATA SCIENCE TRAINING
72	Data Science: Foundations Using R
73	Data Structure And Algorithm Using Python
74	Data Structures

Sl. No.	Name Of Course
75	Data Visualization With Python
76	Database Management Essential
77	Databases And SQL For Data Science In Python
78	Deep Learning Specialization
79	Deeplearning.AI Tensorflow Developer Specialization
80	DEMYSTIFYING BRAIN
81	Developing A Google SRE Culture
82	Developing Your Musiacship
83	Digital Circuits
84	Digital Manufacturing & Design
85	Divide And Conquer, Sorting And Searching, And Randomized
	Algorithms
86	DNA Decoded
87	Drug Commercialization
88	Drug Development
89	Drug Discovery
90	ELECTRIC INDUSTRY OPERATION AND MARKET
91	Electrical Machines
92	Embedded System Design With ARM
93	End-To-End Machine Learning With Tensorflow On GCP
94	Engineering Drawing And Computer Graphics
95	Engineering Project Management : Initiating & Planning
96	Engineering Project Management: Risk, Quality, Teams, And
07	Procurement
97	English For Career Development
98	Epidemics-The Dynamics Of Infectious Diseases
99	Essential Google Cloud Infrastructure: Core Services
100	Excel Skills For Business: Essentials
101	Exploratory Data Analysis With Seaborn
102	Ferrous Technology
103	Finance For Everyone: Value
104	Financial Market
105	Finding Hidden Messages In DNA (Bioinformatics I)
106	Foundations Of User Experience (UX) Design
107	Foundations: Data, Data, Everywhere
108	Front-End Web Development With React
109	Front-End Web UI Frameworks And Tools: Bootstrap 4
110	Fundamental Neuroscience For Neuroimaging
111	Fundamentals Of Digital Marketing
112	FUNDAMENTALS OF FINANCE
113	Fundamentals Of Graphic Design

Sl. No.	Name Of Course
114	Fundamentals Of Immunology: Innate Immunity And B-Cell
	Function
115	Fundamentals Of Immunology: T Cell And Signalling
116	GCP Big Data And Machine Learning Fundamentals
117	Genes And The Human Condition (From Behavior To
	Biotechnology)
118	Genome Sequencing (Bioinformatics II)
119	German - I
120	Getting Started With Application Development
121	Getting Started With AWS Machine Learning
122	Getting Started With Python (Programming For Everybody)
123	Giving Helpful Feedback
124	Global Energy And Climate Policy
125	Google Ads For Beginners
126	Google Cloud Platform Big Data And Machine Learning
	Fundamentals
127	Google Cloud Platform Fundamentals: Core Infrastructure
128	Google IT Automation With Python
129	Google IT Support Professional Certificate
130	Graph Algorithms
131	Graphic Design
132	Guitar For Beginners
133	How Google Does Machine Learning
134	How To Write A Resume (Project-Centered Course)
135	HTML, CSS And Javascript For Web Developers
136	HTML5
137	Human Molecular Genetics
138	IBM Certified What Is Data Science
139	IBM Data Analyst Professional Certificate
140	IC Engine And Gas Turbine
141	Immunology
142	IMMUNOLOGY
143	Improving Deep Neural Networks: Hyperparameter Tuning,
	Regularization And Optimization
144	Industrial Biotechnology
145	Industrial Iot On Google Cloud Platform
146	Industrial Program
147	Industrial Training On Internet Of Things(Iot)
148	Initiating & Planning Projects
149	Intel® Network Academy - Network Transformation 101
150	Intelligent Machining

Sl. No.	Name Of Course
151	Interactivity With Javascript
152	Interfacing With The Arduino
153	Internet Of Things
154	Internet Of Things V2: Setting Up And Using Cloud Services
155	Internship Program On Fraud Insurance Claim Detection
156	Intro To Git And Github
157	Intro To Trading,ML& GCP
158	Introduction And Programming With Iot Boards
159	Introduction Of SQL
160	Introduction To Artifical Intelligence
161	Introduction To Augmented Reality And AR Core
162	Introduction To AWS Identity And Access Management
163	Introduction To Big Data
164	Introduction To Biology Of Cancer
165	Introduction To Blockchain Technologies
166	Introduction To Business Analytics: Communicating With Data
167	Introduction To CAD, CAM, And Practical CNC Machining
168	Introduction To Cloud Identity
169	Introduction To Communication Science
170	Introduction To Computers And Office Productivity Software
171	Introduction To CSS3
172	Introduction To Cyber Attacks
173	Introduction To Cybersecurity Tools & Cyber Attacks
174	Introduction To Data Science In Python
175	Introduction To Data Science Specialization
176	Introduction To Deep Learning & Neural Networks With Kera
177	Introduction To Embedded System Design
178	INTRODUCTION TO FINANCIAL MARKETS
179	Introduction To Front End Web Development With HTML5 CSS
100	JAVASCRIPT And Getting Started With Python
180	Introduction To Game Development
181	Introduction To Genomic Technologies
182	Introduction To Git And Github
183	Introduction To HTML 5
184	Introduction To Intel® Distribution Of Openvino <sup>™</sup> Toolkit For
185	Computer Vision Applications Introduction To Machine Learning
185	Introduction To MATLAB
180	
10/	Introduction To Mechanical Engineering Design And Manufacturing With Fusion 360
188	Introduction To Microsoft Azure Cloud Services
100	

Sl. No.	Name Of Course
189	Introduction To Mongodb
190	Introduction To Philosophy
191	Introduction To Programming In C
192	Introduction To Programming With Matlab
193	Introduction To Programming With Python
194	Introduction To Psychology
195	Introduction To Public Speaking
196	Introduction To Python
197	Introduction To Self-Driving Cars
198	Introduction To Software Product Management
199	Introduction To Structured Query Language(SQL)
200	Introduction To Tensorflow For Artificial Intelligence, Machine
	Learning And Deep Learning
201	Introduction To The Biology Of Cancer
202	Introduction To The Internet Of Things And Embedded System
203	Introduction To Typography
204	Introduction To Virtual Reality
205	Introduction To Web Development
206	IT Security : Defense Against The Digital Dark Arts
207	Java For Android
208	Java Programming And Software Engineering Fundamentals
209	Javascript, Jquery And JSON
210	Joy Of Computing Using Python
211	Leadership And Emotional Intelligence
212	Leadership And Emotional Intelligence
213	Learning How To Learn: Powerful Mental Tools To Help You
214	Master Tough Subjects
214	Machine Learning
215	Machine Learning With Python
216	Machine Learning: Classification
217	Machine Learning: Regression
218	Marketing In A Digital World
219	Mathematical Foundations For Cryptography
220	Mathematical Thinking In Computer Science
221	Mathematics For Machine Learning: Linear Algebra
222	Mathematics For Machine Learning: Multivariate Calculus
223	MATLAB PROGRAMMING FOR NUMERICAL
224	COMPUTATION
224	Mechatronics
223	Mediation And Conflict Resolution
220	ML Multivariate Calculus

Sl. No.	Name Of Course
227	Mlops (Machine Learning Operations) Fundamentals
228	Modernizing Data Lakes And Data Warehouses With GCP
229	Moralities Of Everyday Life
230	Multiple Linear Regression With Scikit-Learn
231	Nanotechnology: A Maker's Course
232	Natural Gas
233	Natural Language Processing In Tensorflow
234	Natural Language Processing With Classification And Vector Spaces
235	Neural Networks And Deep Learning Course
236	New Models Of Business In Society
237	Notifications HTML, CSS, And Javascript For Web Developers
238	Nueral Networks And Deep Learning
239	Number Theory And Cryptography
240	Open Source Tools For Data Science
241	Operating Systems And You: Becoming A Power User
242	Positive Psychology
243	Postech Introduction And Programming With Iot Boards
244	Power System Engineer
245	Predicting House Prices With Regression Using Tensorflow
246	Preparing For The Google Cloud Associate Cloud Engineer Exam
247	Presentation Skills: Speechwriting And Storytelling
248	Principles Of Signals And Systems
249	Programming For Everybody-Getting Started With Python
250	Programming Foundation With HTML JS And CSS (With Honors)
251	Programming Foundations With Javascript, HTML And CSS
252	Programming Fundamentals
253	Programming In Java
254	Programming, Data Structures And Algorithm Using Python
255	Python Basics
256	Python Data Structure
257	Python For Beginners
258	Python For Data Science
259	Python For Data Science AI And Development
260	Python For Everybody (Getting Started With Python)
261	Python Functions, Files And Dictionaries
262	Python Programming And Applications
263	Python Programming Essentials
264	Python-Joy Of Computing
265	Quantum Mechanics

Sl. No.	Name Of Course
266	R Programming
267	Renewable Energy And Green Building Entrepreneurship
268	Responsive Web Design
269	Responsive Website Basics: Code With HTML, CSS, And
	Javascript
270	Scalable Machine Learning On Big Data Using Apache Spark
271	Science Matters: Let's Talk About COVID-19
272	Sequence Models
273	Sequences, Time Series And Prediction
274	Server Side Development With Nodejs, Express And Mongodb
275	Single Page Web Applications With Angularis
276	Six Sigma Principles
277	Six Sigma Tools For Analyze
278	Six Sigma Tools For Define And Measure
279	Smart Materials: Microscale And Macroscale Approaches
280	Social Psychology Honours
281	Software Requirements Prioritization: Risk Analysis
282	SOIL MECHANICS
283	Solar Energy Basics
284	SQL For Data Science
285	Structuring Machine Learning Projects
286	Subjective Any Internships
287	System Administration And IT Infrastructure Services
288	Tcsion (Career Edge-Knock The Lockdown)
289	Technical Support Fundamentals
290	Technology Forecasting For Strategic Decision Making(An
	Introduction)
291	The Arduino Platform And C Programming
292	The Bits And Bytes Of Computer Networking
293	The Challenges Of Global Health
294	The Data Scientist's Toolbox
295	THE ECONOMICS OF AGRO-FOOD VALUE CHAINS
296	The Joy Of Computing Using Python
297	The Raspberry Pi Platform And Python Programming For
200	Raspberry Pi
298	The Science Of Stem Cells
299	The Science Of Well-Being
300	Thoracic Oncology
301	Tools For Data Science
302	Understanding Cancer Metastasis
303	Understanding Memory: Explaining The Psychology Of Memory

Sl. No.	Name Of Course
304	Understanding Prostate Cancer
305	Use Canva To Design Digital Course Collateral
306	Use Wordpress To Create A Blog
307	Using Databases With Python
308	Using Python To Access Web Data
309	Using Python To Interact With The Operating System
310	Version Control With Git
311	VLSI And Verilog Learning Program
312	VR And 360 Video Production
313	Web Application Technologies And Django
314	Web Applications For Everybody Specialization
315	Web Development
316	What Is Data Science?
317	Whole Genome Sequencing Of Bacterial Genomes - Tools And
	Applications
318	Wind Energy

SI No	Name Of Course
1	Soft Skil
2	Life Skills & Mentoring
3	"Automobile Basic And Advanced System Study"
4	ACM Summer School On Geometric Algorithms And Their
	Applications
5	Advanced Computer Architecture
6	Advanced Telecommunications
7	An Introduction To Programming Through C++
8	Android App Development
9	Android Application Development Industrial Training
10	Angular Js And Node Js
11	Artificial Engineering
12	Autocad
13	AUTOCAD For Architechts And Engineers
14	Automobile Basics And Advanced System Study
15	Basic Level A1 Of Spanish
16	Basic Robotics With Analog & Digital Circuits
17	Basic Television Engineering
18	Big Data 101
19	Blockchain Architecture Design And Use Cases
20	Blockchain Basics
21	Body Language: Key To Professional Success
22	C Language
23	Campus Ambassador
24	Cement Grinding Process By Emami Cement Limited
25	Certificate Course In Java And Oracle
26	Certified Ethical Hacking Professional
27	Communicative German Language
28	Complete Python Bootcamp From Zero To Hero In Python
29	Complete Web Development Training Program
30	Computer Architecture And Organisation Online Certification
31	Core Java
32	COVID 19 SAFETY
33	Crash Course On Python
34	Cryptography And Network Security
35	Data Base Management System
36	Data Science
37	Data Science A-Z
38	Data Science Training - Certificate Of Completion
39	Data Science Using Python Training
40	Data Structure And Algorithms
41	Data Structures

Sl No	Name Of Course				
42	Design And Analysis Of Algorithms				
43	Development Of Language Training Tool For Children With				
	Dyslexia				
44	Digital Marketing				
45	Diploma In Advanced PHP Technology				
46	Diploma In CCNA And Basic Networking				
47	Effective Problem-Solving And Decision-Making				
48	Electrical Machines				
49	Elementary Level A2 Of Spanish				
50	Enhancing Soft Skills And Personality				
51	Ethical Hacking				
52	Excel Skills For Business: Essentials				
53	Exploring And Preparing Your Data With Bigquery				
54	Fabrication And Hook Up In Offshore				
55	Foundations Of Front-End Web Development				
56	French Language Workshop				
57	Full Stack Web Development				
58	Fundamentals Of Power Electronics				
59	German-I				
60	Goethe German Language Level A1				
61	Google Cloud Platform Big Data And Machine Learning				
	Fundamentals				
62	Google Cloud Platform Crash Course				
63	Google Cloud Platform Fundamentals: Core Infrastructure				
64	Google Colab Machine Learning App				
65	Graphic Designing				
66	Hacktoberfest 2019				
67	Hacktoberfest 2020				
68	Hadoop 101				
69	Human Molecular Genetics				
70	I Senso Robotics Workshop				
71	IIOT				
72	Images Metadata Modification Using Python-Opency				
73	Industrial Training On Renewable Energy				
74	Industrial Training Program On Machine Learning Using Python				
	Programming With Project Diabetes Dataset Analysis With				
	Machine Learning				
75	Industrial Training Program On Python Programming Language				
76	Industrial Training/Internship				
77	Influencer				
78	In-Plant Training				
79	In-Plant Vocational Training For Engineering Students				
80	Inside Plant Operations And Total Productive Maintenance (TPM)				
81	Internet Of Things				

82Internshala Student Partner (ISP) 1383Internshala Student Partner 1984Internship85Internship86Internship At Berger Paints87Internship In Eastern Railways88Internship On Sustainable Energy Systems89Introduction To A.I. And Iot90Introduction To HTML592Introduction To Internet Of Things				
84Internship85Internship86Internship At Berger Paints87Internship In Eastern Railways88Internship On Sustainable Energy Systems89Introduction To A.I. And Iot90Introduction To CSS391Introduction To HTML592Introduction To Internet Of Things	Internshala Student Partner (ISP) 13			
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86Internship At Berger Paints87Internship In Eastern Railways88Internship On Sustainable Energy Systems89Introduction To A.I. And Iot90Introduction To CSS391Introduction To HTML592Introduction To Internet Of Things				
<ul> <li>87 Internship In Eastern Railways</li> <li>88 Internship On Sustainable Energy Systems</li> <li>89 Introduction To A.I. And Iot</li> <li>90 Introduction To CSS3</li> <li>91 Introduction To HTML5</li> <li>92 Introduction To Internet Of Things</li> </ul>	1			
88       Internship On Sustainable Energy Systems         89       Introduction To A.I. And Iot         90       Introduction To CSS3         91       Introduction To HTML5         92       Introduction To Internet Of Things	Internship At Berger Paints			
89       Introduction To A.I. And Iot         90       Introduction To CSS3         91       Introduction To HTML5         92       Introduction To Internet Of Things				
90Introduction To CSS391Introduction To HTML592Introduction To Internet Of Things				
91     Introduction To HTML5       92     Introduction To Internet Of Things				
92 Introduction To Internet Of Things				
93 Introduction To Professional Scientific Communication				
94 Introduction To Programming In C				
95 Introduction To Programming Using C				
96 Introduction To Programming Using Python				
97 Introduction To Structured Query Language (SQL)				
98 Iot Internship				
99 Java				
100 Java For Android				
101 Javascript Fundamentals	Javascript Fundamentals			
102 Joy Of Computing Using Python				
103 Machine Learning	Machine Learning			
104 Machine Learning Using Python Programming				
105 MAJOR(Elect) & TEST ROOM				
106 Mapping The Landing Site Of OSIRIS-Rex On Asteroid Bennu				
107 Mastering Data Structures & Algorithms Using C And C++				
108 Measurement Technique Of Electrical / Non-Electrical Paramet	er			
109 Microsoft Technology Associate - Python Programmer				
110 MTA: Introduction To Programming Using Python				
111 Network Security Attacks				
112 NPTEL				
113 Object Oriented Programming Using C++				
114Observatory Internship In Biochemistry Lab				
115 OCB, NGC, NIB, TRANS, FTTH, IT, MOBILE				
116 PHP With My SQL				
117 Prashar Bharti Internship				
118Problem Solving Through Programming In C				
119 PRODUCT BIN VISUALIZATION USING DEVELOPMENT WEB	•			
120 Programming For Everybody(Getting Started With Python))				
121 Programming In C				
122 Programming In JAVA				
123 Programming With Python				
124 Programming, Data Structure And Algorithms Using Python				

Sl No	Name Of Course					
125	Project Based Industrial Training Camp On Data Science (Using					
	Python Programming)					
126	Project On "Student Management System" Using "Python With					
	ML"					
127	PROJECT TRAINING					
128	PSYCHOLOGY WORKSHOP					
129	Python Basics					
130	Python Data Structures					
131	Python For Data Science					
132	Python Programming Language					
133	Python Programming With Django					
134	Python To Access Web Data					
135	PYTHON WITH MACHINE LEARNING					
136	Site Engineer Training At A Residential Building Construction					
	Site Of Merlin Group					
137	Software Craftsman Internship					
138	Strategic Leadership Workshop					
139	Summer Internship					
140 Summer Internship (Molecular Identification Of Industrially						
Important Organisms						
141	Summer Training For Engineering Students					
142	Synthetic Biology Workshop					
143	Tata Communication Summer Inernship					
144	Technical English					
145	Technical English For Engineers					
146	The Complete Flutter Development Bootcamp Using Dart					
147	The Joy Of Computing Using Python					
148	The Scenarist					
149	The Web Developer Bootcamp					
150	Thinkcamp					
151	Training At BSNL CTTC					
152	Training In Industrial Internet Of Things (Iiot)					
153	Training On Core Java					
154	Training Under West Bengal Power Development Corporation					
155	Limited (WBPDCL)					
155	Vacational Training					
156	Video Editing Internship					
157	VLSI DESIGN ENGINEER					
158	Vocational Training					
159	Vocational Training By Eastern Railway					
160	Vocational Training In Advanced Telecommunication					
161	Vocational Training In Operation And Maintenance Activities Of					
1(2	Line And Substation Upto 33KV					
162	Vocational Training Ob Basic Television Engineering					

Sl No	Name Of Course			
163	WAC Workshop Series			
164	Web Development (PHP & MYSQL) Training Program			
165	Web Development Training			
166	Website Designing Industrial Training			
167	What Is Data Science?			
168	Winter Internship			

SI No.	Name of Course			
1	Soft Skil			
2	Life Skills & Mentoring			
3	98-367 Security Fundamentals			
4	Air Conditioning System			
5	Analog Electronic Circuit			
6	Autocad 2D And 3D			
7	Automobile Basics & Advanced System Study			
8	Basic Electrical Circuits			
9	Bioengineering: An Interface With Biology And Medicines			
10	Biomedical Nanotechnology			
11	Certificate In Computer Aided Design			
12	Deep Learning			
13	Digital Circuits			
14	Digital Students Learning Programme			
15	Diploma In Computer Hardware Maintenance And Networking			
16	Discover Your Self			
17	Drug Commercialization			
18	Drug Discovery			
19	Epics Analytical Challenge			
20	Exorsav6.0			
21	Fx PLC, Gs Series Hmi			
22	Hackerrank Certification			
23	Hackthon			
24	Hult Prize On Campus Program			
25	IIOT Training			
26	Industrial Automation (PLC)			
27	Industrial Biotechnology			
28	Industrial Training On Telecommunication Technology			
29	Internship In The Domain Of Android App Development			
30	Introduction To Biology Of Cancer			
31	Introduction To Programming In C			
32	Introduction To Programming Using Python			
33	Iot Internship			
34	Joy Of Computing With Python			
35	Machine Learning			
36	Machine Learning With Python			
37	Nptel Online Certification			
38	Online Summer Training On Web Development			
39	Osip 2020			
40	Outreachy Internship			
41	Pre Programming Basics			
42	Programming For Everybody (Getting Started With Python)			

### List of the value added courses offered in 2018-19

SI No.	Name of Course			
43	Programming In C			
44	Programming In Java			
45	Programming In Matlab And Its Application			
46	Programming In Python			
47	Programming Through C/C++			
48	Rabindra Sangeet Vocal 1St Year			
49	SQL For Data Science			
50	Summer Internship			
51	The Fundamentals Of Digital Maeketing			
52	Vocational Training			
53	Vocational Training			
54	Web Designing			
55	Web Designing Using Html 5, Css 3			
56	Web Development			
57	Winter Training			
58	Working With Microsoft Office 2013			

Sl No.	Name of Course			
1	Soft Skil			
2	Life Skills & Mentoring			
3	Certificate In Information Technology Application (CITA)			
4	Core JAVA With MYSQL			
5	Data Science			
6	Data Structure & Algorithm			
7	Diploma Course In In Information Technology Application			
8	Internship			
9	LVP-Mitra Internship			
10	Machine Learning By Andrew Ng			
11	Microelectronics And VLSI Design			
12	Online Summer Internship Programme			
13	Programming With Python			
14	Python Data Structures			
15	TALLY.ERP 9			
16	TCS Knockdown The Lockdown			
17	The Fundamentals Of Digital Marketing			
18	Vocational Training In Advanced Telecom			
19	Web Development Training			

### List of the value added courses offered in 2017-18

SI No.	Name of Course		
1	Soft Skil		
2	Life Skills & Mentoring		
3	Diploma In Information Technology		
4	Diploma In Multimedia And Animation		
5	Embedded Systems And Robotics		
6	Information Technology Application		

# Duration of the Course: Total 30 hrs.

Evaluation process: Students are mostly assessed on the basis of their attendance and active participation in the sessions.

Students are judged on the basis of their performances individual and group wise in various assignments provided during class.

Psychometric tests are mostly such tests where responses are completely based on individualistic perceptions and understanding. Therefore, no right or wrong responses are judged through them. The students who responses to these psychometric tests are considered as pass in these tests.

# Heritage Institute of Technology

life Skills

Declared as an Autonomous Institution by

UGC affiliated to MAKAUT)

994 Madurdaha, Chowbaga Road, Anandapur, P.O.: East Kolkata Township, Kolkata 700107 +91 33 66270600 | 0609 | 0622 | 0623 | 0614

> **Email** admin@heritageit.edu

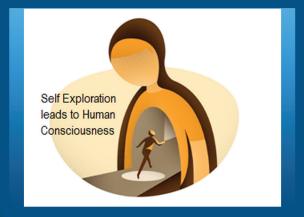
Web www.heritageit.edu Life Skills Course

Heritage Institute of Technology

### What is Life Skills?

The World Health Organization (WHO) has defined life skills as, "the abilities for adaptive and positive behaviour that enable individuals to deal effectively with the demands and challenges of everyday life".

UNICEF defines life skills as "a behaviour change or behaviour development approach designed to address a balance of three areas: knowledge, attitude and skills".



Everyone in this world wants to live a happy and healthy life; which in return needs some skills to be developed throughout a person's life. These skills help the person to get an insight into his/her inner self and acquire the abilities to adjust effectively with every situation in life. These skills also help the person to improve both inter and intra personal relationships and develop own values. These skills make a person overall more responsible towards all his/her actions and behaviours.

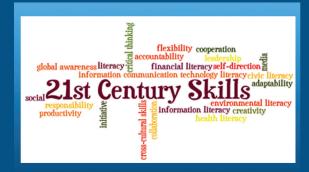
# The World Health Organisation (WHO) categorizes life skills into the following main three components:

- Critical thinking skills/Decision-making
   skills include decision making/ problem
   solving skills and information gathering
   skills. These skills help the person to have
   diverse thinking or to think out of the box.
- Interpersonal/Communication skills include verbal and non-verbal communication, active listening, and the ability to express feelings and give feedback. It helps the person to be more empathetic, develop team building skills, become assertive and to improve social skills.
- Coping and self-management skills refers to skills needed to increase self awareness and have a obvious reflection of inner self. This helps a person to have clarity in his own needs, wishes, interest and dislikes. Therefore, it becomes easy for a person to know about his/her own likings, abilities and shortcomings and to make better decisions in life.



All these three skills are classified by WHO into ten core skills and labelled them as "Life Skills". The ten core life skills given by WHO are — 1. Self-awareness 2. Empathy 3. Critical Thinking 4. Creative Thinking 5. Decision Making 6. Problem Solving 7. Effective Communication

- 8. Interpersonal Relationship
- 9. Coping with Emotions
- 10. Coping with Stress





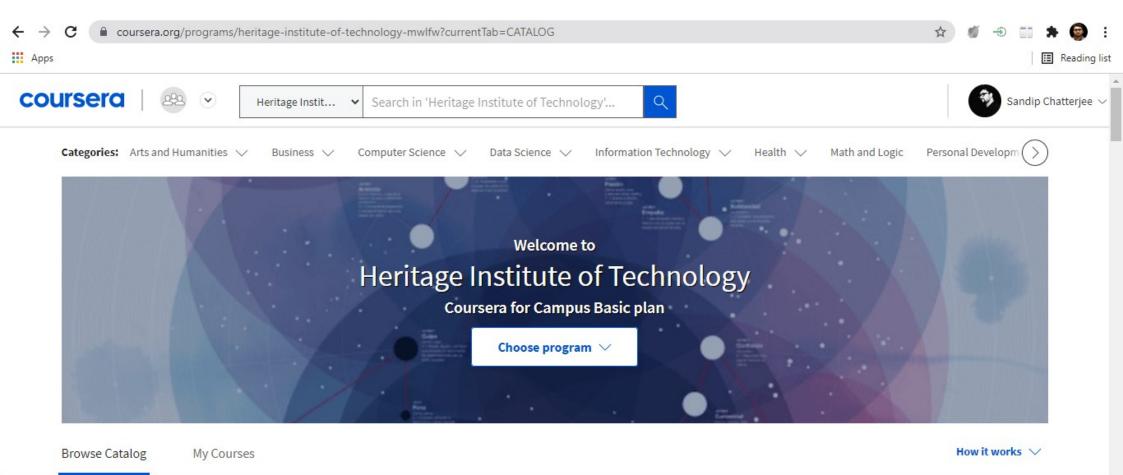
# Personal Development Planning





# "The PRESENT is a consequence of the FUTURE"

1st Year B Tech 2020 : 'The Road Ahead' / Clayton M Moses



## Recommended by your organization

Enroll in any course hand-picked by your organization. These courses cover topics and skills your

View all ightarrow



Subhashis majumder <subhashis.majumder@heritageit.edu>

### Heritage Institute of Technology Program Usage Report

**Coursera** <no-reply@t.mail.coursera.org> To: subhashis.majumder@heritageit.edu Thu, Nov 18, 2021 at 1:05 AM

# coursera

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The usage report for the Coursera learning program was last updated on November 16 at 10:16 PM UTC. These reports are for all time, including expired contracts. To receive data only for active contract, click here and select the option. The programs are as follows: Heritage Institute of Technology on Coursera, Coursera for Students. Here is a summary:

Total enrollments	1193
Total unique learners	301
Learners who have enrolled in at least one course	300
Current members	378
Removed members	8
Total unique courses	641
Total course completions	195
Total verified course completions	195
Total unique course completers	109
Total estimated hours spent	2342
Learners who have completed 50% of a course	121
Learners who have joined the program but have not enrolled in a course	78
Learners who have enrolled in a course but have not completed any course	192
Learners who have enrolled in 1 course	211
Learners who have completed 1 course	84
Learners who have enrolled in 2 courses	45
Learners who have completed 2 courses	12
Learners who have enrolled in more than 2 courses	45
Learners who have completed more than 2 courses	13

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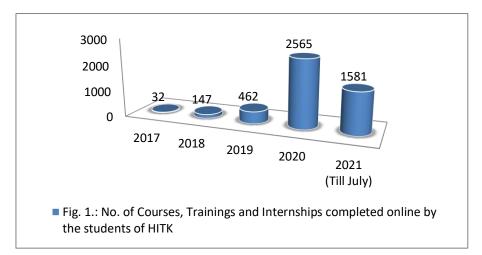
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Heritage Institute of Technology went into a partnership with Coursera, a premier organization offering online courses on emerging topics, under the 'Coursera for Campus' program. This partnership enabled students to learn emerging topics of their choice from the best resource persons of the world in that domain and that too completely free of cost for a span of six months. Many students have successfully completed a large number of courses among the available ones and earned certificates which will be valuable for their career. In fact, during this pandemic students of the Institute have completed more than 4000 various online courses, internships and training programmes (Fig. 1) offered by the leading universities, institutes and organizations of the world such as Stanford University, John Hopkins University, University of California (Irvine, San Diego), Yale University, Imperial College London, University of Michigan, Duke University, DeepLearning.AI, Google, Microsoft, NPTEL etc. through various online platforms such as NPTEL, Coursera, Udemy, Internshala, Linkedin Learning etc.











This is to certify that "**HERITAGE INSTITUTE OF TECHNOLOGY**" is registered as a NDLI Club under the National Digital Library of India.

Registration Number: INWBNC45FZZEDQZ Date Of Registration: 19/08/2021 Valid Upto: 19/08/2022



# Dr. Partha Pratim Das

Joint Principal Investigator National Digital Library of India Project Indian Institute of Technology Kharagpur

#### NDLI CLUB PARTNER



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Sandip Chatterjee <sandip.chatterjee@heritageit.edu>

# LC ID 4465 - SWAYAM - NPTEL Local Chapter Established for HERITAGE INSTITUTE OF TECHNOLOGY

**localchapter@nptel.iitm.ac.in** <localchapter@nptel.iitm.ac.in> To: sandip.chatterjee@heritageit.edu Cc: kgpnptel@gmail.com, bharathi@nptel.iitm.ac.in, kamala@nptel.iitm.ac.in Wed, Jul 21, 2021 at 4:35 PM

Dear SPOC,

Welcome to SWAYAM - NPTEL Local Chapter family !

Your college HERITAGE INSTITUTE OF TECHNOLOGY has been established as SWAYAM - NPTEL Local Chapter. We would like to inform you that your college details have been uploaded on our Local Chapter website. Link: https://nptel.ac.in/LocalChapter/details.html

Login link: https://nptel.ac.in/LocalChapter/spoc\_login/

Your Local Chapter ID (LC ID): 4465 Refer to the below link to know more details about the functionalities available as a Local Chapter, https://nptel.ac.in/LocalChapter/guicklinks1.html

LC OPEN-HOUSE: We welcome you to attend the OPEN HOUSE and get your doubts clarified related to NPTEL and Local chapter on every Thursday at 5 pm. This is a unique opportunity for our team and the SPOCs to interact with each other. It is mandatory for all the new SPOCs to join the session. The session link will be shared with you through e-mail and SMS.

LIVE Sessions for SPOCs: https://nptel.ac.in/LocalChapter/livesessionSpoc.html

HELP VIDEOS Please go through the help videos available in this link: https://nptel.ac.in/help\_video.html

WHATSAPP GROUP

We have a Whatsapp group for SPOCs from various states. If interested, you may use this link to join the group: https://chat.whatsapp.com/CxN0rv6EUSA66BxTvee139

If you need any further information, please write to us at localchapter@nptel.iitm.ac.in

-NPTEL TEAM



#### Life Skills Class Syllabus

Students pursuing professional course have to face several challenges starting from academics to making themselves employable. It becomes really difficult for them to make proper adjustments with the experience of freedom along with lots of expectations and pressures after joining the college.

1<sup>st</sup> year B.Tech, MCA and 2<sup>nd</sup> year lateral entry students are given activity based classes on life skills so that they can cope with the challenging issues of the transition period from school to college. These classes are held with the hope that the young minds can deal effectively, efficiently and responsibly with the independence that they enjoy without any restrictions just after reaching the stage of college life.

Students of all the departments are met every week in their respective classes by the Students' Counsellor of the institute and following activities are done in the class. All the three domains cognitive, affective and psychomotor areas of learning objectives are maintained in these sessions.

S1. No.	Sessions	Activity	Learning Objective	Learning Outcome
1	Orientation on needs during transition phase and GNI	Guidance Needs Inventory is used to identify the areas that need most guidance. Educational, social, personal, psychological and career related areas are assessed giving this self administered test.	To guide the student from the initial days in college to find out the areas that needs more focus as they transit into adulthood.	Identify areas that needs to be focused more, recognize and connect with self, prepare for future studies and career planning
2	Self introduction by each students to the class	Introduction by each student in 3 minute keeping six points in mind.	Self Reflection and ability to speak in public and come out of hesitation	Describe, connect with self, construct and design answers
3	Johari Window workshop	Self analysis worksheet Task on receiving feedback and self disclosure to others	About effective inter related and intra related communication. Developing healthy relations with others	Recognize himself/herself, differentiate or decimate from others, conclude about self and adapt with others
4	Role Play activity	Group activity- All students are divided in a group of 4-6 members. Two situation based	Analytical ability, team building ability, cooperation and coordination and	Interpret the case study and express accordingly, produce the entire thoughts

		cases are given to the	communication is	mentioned in the
		groups. The groups have	assessed	case study
		to act on these	45565564	case study
		situations. Each member		
		is given certain roles to		
		enact in a group in front		
		of the class.		
5	Dahata		Turn and the all 11 to a second	Calast succession
5	Debate game or	Group activity- All	Innovative ability, team	Select speeches
	imagination based	students are divided in a	building ability,	which will match
	activity	group of four and then	coordination,	with the topic
		each group has to divide	communication and	selected, give
		into two subgroups of	presence of mind is	examples, create and
		their choice. A game is	assessed.	apply novel ideas as
		played with each group,		per requirement
		where some topics are		
		selected for each group.		
		Each group then has to		
		speak for the topic and		
		against the topic.		
6	Interview Practice	Group Activity- All the	Hands on experience	Recognize, explain,
		students are divided into	and feel about the	assess and judge
		certain groups post	interview process. The	questions and decide
		discussion about various	discussion on the	how to respond or
		interview related	questions helps to get an	formulate answers
		questions. Each member	idea about preparing for	
		has to play the role of a	interview.	
		interviewer and		
		interviewee both. The		
		questions are given to		
		each group. All the		
		members as interviewer		
		in the group has to rate		
		the interviewee member		
		based on certain points		
		given during the		
		interview process.		
l		meet the trip process.	1	

#### Prepared by

Banhishikha Bhattachary Ja.

Dr. Banhishikha Bhattacharyya

Students Counsellor-HITK.



#### Life Skills Classes for Transition to College Environment

Life skills classes are conducted with the First year B.Tech. students so that they can cope with the challenging issues of the transition period from school to college.

These interactive classes are held with the hope that they can deal effectively and efficiently with the freedom and independence that the young minds enjoy just after reaching the stage of college life.

Once, they have got the idea to get accustomed to the college life, it is needed to make them aware of all the ten skills of life.

The ten core life skills given by WHO are —

- 1. Self-awareness
- 2. Empathy
- 3. Critical Thinking
- 4. Creative Thinking
- 5. Decision Making
- 6. Problem Solving
- 7. Effective Communication
- 8. Interpersonal Relationship
- 9. Coping with Emotions
- 10. Coping with Stress



This course is been developed with the hope that the students graduating from the college will not only have technical knowledge of the course studied, but can also be industry ready. This knowledge of managing life will make the young students to cope with all the challenges faced next in professional and personal life with ease.

Students of all the departments are met every week in their respective classes by the Students' Counsellor of the institute and completed with the following activities.

- 1. Orientation on needs during transition phase and GNI
- 2. Self introduction by each student to the class

- 3. Johari Window workshop
- 4. Role Play activity
- 5. Debate game or imagination based activity
- 6. Various psychometric tests for self awareness and life values
- 7. Interview Skills to improve interpersonal communications





Students covered for the life skills course in the academic year 2016-2017 is as follows.

• All the B.Tech and MCA 1st year students in 1st semester.

Prepared by:

Banhidikha Shattachergya

Dr. Banhishikha Bhattacharyya Students' Counsellor Heritage Institutive of Technology Kolkata



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The same sessions are also done with the lateral entry students in the second year for the same reasons.

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List of students covered for the life skills course in the academic year 2017-2018 is as follows.

- 1. All the B.Tech and MCA 1st year students in 1st semester.
- 2. 3rd yr lateral entry students in 6th semester.

Bauhidikha Shattachar 770 -

Dr. Banhishikha Bhattacharyya Students' Counsellor Heritage Institutive of Technology Kolkata



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Students of all the departments are met every week in their respective classes by the Students' Counsellor of the institute and completed with the following activities.

1. Orientation on needs during transition phase and GNI

- 2. Self introduction by each student to the class
- 3. Johari Window workshop
- 4. Role Play activity
- 5. Debate game or imagination based activity
- 6. Various psychometric tests for self awareness and life values
- 7. Interview Skills to improve interpersonal communications



List of students covered for the life skills course in the academic year 2018-2019 is as follows.

- 1. All the B.Tech and MCA 1st year students in 1st semester.
- 2. 3rd yr lateral entry students in 6th semester.

Banhidikha Shattacharyya

Dr. Banhishikha Bhattacharyya Students' Counsellor Heritage Institutive of Technology Kolkata



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Students of all the departments are met every week in their respective classes by the Students' Counsellor of the institute and completed with the following activities.

1. Orientation on needs during transition phase and GNI

- 2. Self introduction by each student to the class
- 3. Johari Window workshop
- 4. Role Play activity
- 5. Debate game or imagination based activity
- 6. Various psychometric tests for self awareness and life values
- 7. Interview Skills to improve interpersonal communications





List of students covered for the life skills course in the academic year 2019-2020 is as follows.

- 1. All the B.Tech and MCA 1st year students in 1st semester.
- 2. 3rd yr lateral entry students in 6th semester.

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Dr. Banhishikha Bhattacharyya Students' Counsellor Heritage Institutive of Technology Kolkata



### Life Skills Classes for Transition to College Environment

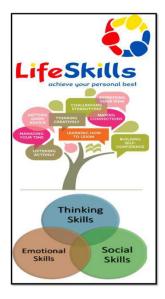
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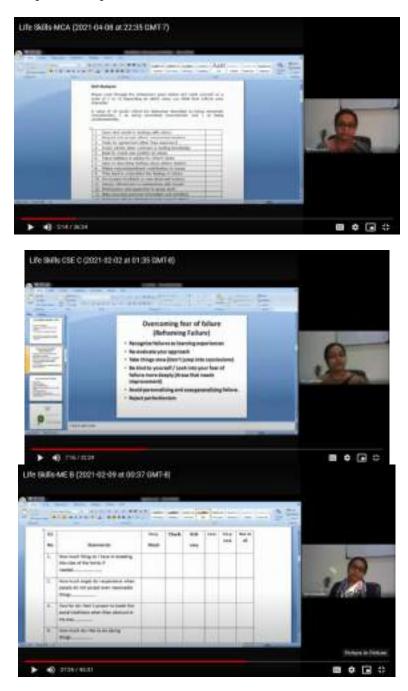


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The same sessions are also done with the lateral entry students in the second year for the same reasons.

During the academic year 2020-2021 the students of every departments were met through online sessions every week in their respective classes by the Students' Counsellor of the institute and completed with the following activities.

- 1. Orientation on needs during transition phase and GNI
- 2. Self introduction by each student to the class
- 3. Johari Window workshop
- 4. Imagination based activity and reflective questions
- 5. Various psychometric tests for self awareness and life values
- 6. Interview Skills to improve interpersonal communications



List of students covered for the life skills course in the academic year 2020-2021 is as follows.

1. All the B.Tech and MCA 1st year students in 1st semester.

2. 2nd yr lateral entry students in 4th semester.

Bankishikho Shattachory ya

Dr. Banhishikha Bhattacharyya Students' Counsellor Heritage Institutive of Technology Kolkata

# Value-added Programmes at Heritage Institute of Technology, Kolkata.

Our slogan *"where learning is an interactive and evolutionary process"* - sets us apart and gives us a unique identity amongst the other Engineering and Technology colleges.

At Heritage, it has been a tradition of imbibing the right kind of skills in our students which help them to achieve a greater success and an extra leap ahead when it comes to placements and Higher Education opportunities.

To prepare well-groomed citizens for a future society, Heritage Institute of Technology has developed a unique system for grooming the students which incorporates the Training & Placement Department, Coordinator-Student Affairs & International Relations, the Humanities Department and the timely, planned interventions from various industry experts in the fields of personality and technical skill development.

Alongwith the general University-defined curricular at HITK we have a complete skill enhancement programme spread across the time frame of four years and comes as a value addition for the students with the timely planned special interventions from industry stalwarts.

With a greater cooperation and collaboration, HITK also has a structured *Induction & Orientation Programme - COMPASS*.

The special interventions of such training start right from 1<sup>st</sup> Year and spans the four years of college, to serve and provide the desired skills for our Engineering students.

### Training by the Humanities Department:

The Faculty of Dept of Humanities caters to an assorted mass of student from varied backgrounds and vernacular mediums.

In the 1<sup>st</sup> year the Faculty members follow the MAKAUT Syllabus, with an innovative and learner-oriented turn to it. The First Year is meant to hone the basic LSRW (Listening, Speaking, Reading and Writing) skills of the students.

The tutorial classes are meant to both revise the lessons from the syllabus and well as to enhance the basic skills of the students through mediums such as: impromptu speech, debate and discussion, role plays, reading practice, creative writing practice etc.

The following Semesters are meant to make the students ready to face the campus placement process through a 'soft skills' methodology. The faculty assist & train the students to be ready for both interviews and GD, by alleviating their inhibitions and properly channelizing their confidence.

A Power Point Presentation competition is held in a grand way every year.

### Training by Industry Experts

With the start of the campus recruitment each year, the pre-placement grooming on Personality Development, Technical skills and Aptitude helps the students to be ready for these interview sessions, and plays a big role in giving the students confidence and knowledge of what to expect during the corporate interviews.

The Induction& Orientation Programme (COMPASS) is scheduled for at least three successive days in July/August before the regular commencement of classes.

All academic faculty & administrative staff are involved in and contribute to the Programme.

The programme includes formal presentations, group work (e.g. ice-breakers, student expectations), social events, Skills Development Programmes, a Campus tour by senior students, an orientation to the programme, and professional development planning.

## Soft Skills Development Programme (SSDP):

Soft skills are the *un-quantifiable*, *non-measurable*, *intangible attributes*, that can't be proven in quantity, and should be demonstrated through approach and work styles.

Soft skills provide less evidence of experience than hard skills, rather help describe a character through a bunch of personality traits.

They revolve around communication, teamwork, and work ethics.

Personal attributes, understanding social cues, personality traits, and being able to communicate effectively are examples of soft skills that carry value to employers.

<u>Soft skills</u> are also named as "people skills" or "interpersonal skills," that justifies key skills meaning. The other reason soft skills are difficult to evaluate is that it's attachment to emotions. So, you can't teach it in a traditional school/College setting. This makes it impossible or hard or to evaluate or measure with the standard.

Since soft skills are quite different than hard skills, all together, they develop a great balance between hard expertise and interpersonal traits. A career-craving candidate may form a well-rounded combination of hard skills and soft skills to justify key skills meaning.

# Soft Skills Development Programme (SSDP): as a regular, integral part of the curriculum (with a fixed routine).

# (Break-up of modules):

**Target audience**: 1<sup>st</sup> years primarily, thereafter, others (as & when required).

- Personality Development Skills: Business/Social Etiquette (to include dress & dining etiquette), Manners, Courtesy, Personal grooming & Deportment; Assertiveness & Inter-Personal skills.
- Effective Communication Skills: Listening, Reading, Speaking & Writing skills. Netiquette (Email + telephone etiquette) :
- Time Management & Effective Study skills
- Effective Presentation Skills: Public speaking, Extempore speaking, Debates; Power Point presentations:

- Organisation skills: Team work, Thinking skills (analytical, problem solving, Creative); Assertiveness, Decision making & Inter Personal & Leadership Development skills:
  - Career Awareness & Guidance: SWOT analysis, Goal-setting, Choosing the 'right' career: Group Discussions, Personal Interviews, Interviews skills; Etiquette, Personal Grooming & Deportment.
  - Preparation for employment: Resume writing;

## Summary of Soft Skills Development Programme (SSDP):

- 1. Set 'A'
  - Building Self-Confidence
  - Communication Skills
  - Presentation skills
  - Inter-Personal Relations
  - Personal Assertiveness
  - Creativity & Problem solving.

## 2. Set 'B'

- Career Planning
- Goal Setting
- Resume writing
- Performance in Interviews
- Group Discussions
- Corporate Etiquette.
- 3. Set 'C'
  - Leadership skills
  - Motivation
  - Delegation
  - Negotiation skills
  - Team Work
  - Time Management

**Methodology**: Power point presentations, Videos, Role Play, Team games, Practice sessions, related activities: Debates/Extempore speech/quiz etc.

To facilitate practical application of many of the Effective English & Soft Skills, planned and structured related activities (Debates, Quizzes, Extempore Speech, Seminars etc) by the various College Clubs, Social Action Groups like NSS & Rotaract are organized.

Additional Skills development in the area of Sports, as well as membership in the various Social, Creative, Technical Clubs and Social Action Groups add value to 'Leadership Building',' Team Work' and' Inter-Personal Development'.

# Clayton M Moses

**Coordinator: Student Affairs & International Relations** Heritage Group of Institutions

# A note on my online Soft Skills & Development Programme sessions (from 'lockdown' to present) - Academic Years 2020-2021 & 2021-2022.

During the COVID-19 'lockdown' period, I conducted online motivational and Personal Development sessions, via Zoom & Google Meet platforms, for students of **The Heritage College** (BA, BSc & B Com - all Years), **Heritage Business School** (MBA - Final Year), **Heritage Law College** (all 5 Years) & **The Heritage Academy** (BBA, BCA & Media Science) of Heritage Group of Institutions, from 15/07/2020 to 19/08/2020.

Since this was a challenging shift in the 'Teaching-Learning' sphere, the very first 'Theme' for the sessions was one of motivation and reassurance during these difficult times. This series was aptly entitled '*The Grey Friar Talks on Change & Continuity'*.

Prior to these sessions, I organized Webinars, with the collaboration of CII Yi YUVA, Kolkata Chapter, for all registered student-members of Heritage Group of Institutions, on a variety of themes & topics, from Thurs 26th March, 2020 to 1st Sept 2020. This culminated with the Yi YUVA National CONCLAVE-29th Aug to 1st Sept 2020, at which many of our students received appreciation and accolades for their active participation at the many Webinars conducted during this time.

The series on 'Change & Continuity' was followed by sessions for the passing-out 2021 batch of B Tech students (at the request of the Training & Placement Department). These sessions dealt with them facing online interviews, entitled 'Successfully Navigating the Online Interview'.

This was followed by my motivational online session - 5<sup>th</sup> to 7<sup>th</sup> Oct 2020, for The Heritage College 1<sup>st</sup> Year students, entitled ' *How well do I Manage Time?*' This session followed their online Induction & Orientation Programme (*ConneXions 2020*), held on 14<sup>th</sup> September, 2020.

The 1<sup>st</sup> Year B Tech 2020 batch of HITK students had their very first online Induction & Orientation (3-day) Programme – **COMPASS 2020**, from 11<sup>th</sup> to 13<sup>th</sup> November, 2020. Their SSDP (Soft Skills Development & Grooming Programme) sessions commenced online (via Zoom & Google Meet) from 18<sup>th</sup> November, 2020, for all 10 B Tech 1<sup>st</sup> Year Departments, on a fixed weekly routine. It was an interactive series based on the theme – **'Personal Development Planning – The Road Ahead'**- a preparatory and forward-looking series geared towards making their transition from School to College and guiding them for the life ahead.

The topics over these sessions were:

- 'The Road Ahead-I': 'How well do I Manage Time?'
- 'The Road Ahead II : Exploration & Discovery Learning Styles/Preferences'
- 'The Road Ahead III- Boost your Communications Skills' Language Skills for Effective Communication - 3 parts : I - 'Listening skills'; II- 'Reading skills'; III- 'Speaking skills'.
- 'The Road Ahead IV Explorations & Discovery' 'Communicating Effectively -Netiquette'.
- 'The Road Ahead Va Exploration & Discovery' 'Successful Interviews'- a general overview

- 'The Road Ahead Vb- Exploration & Discovery' 'Facing an Interview'; How to answer the interview question :'Tell me about yourself'- interactive session & training video
- 'The Road Ahead Vc Exploration & Discovery' 'Facing an online Interview' How to look your best, on camera, at an online interview'- interactive session & training video.
- 'The Road Ahead Vd Exploration & Discovery' -Successful Interviews' How to prepare for & face a Phone Interview'- interactive session & training video.
- ✤ 'The Road Ahead VI- Exploration & Discovery' 'Setting SMART Goals'.

Soft Skills Development classes for 1st Year MCA 2020 students - weekly on Fridays, were conducted from Fri 12th March to 26<sup>th</sup> March 2021.

Soft Skills Development sessions for all 1st Year (Semesters I & II) B Tech 2020 concluded on 18/06/2021 as their Practical classes were to commence from Mon/28/06/2021 & which were to be followed by their Class/Semester examinations

This Academic Year, 2021 – 2022, the B Tech. Freshers' Induction & Orientation (*COMPASS* 2021) was, once again, conducted online, on Zoom, on the 8<sup>th</sup> & 9<sup>th</sup> October 2021.

The Soft Skills Development Programme for the 1<sup>st</sup> Year HITK B Tech students commenced from Monday 25<sup>th</sup> Oct,2021 , based on a regular routine. Each Section of a class of approx 60 students/Department , has one session/week, of approx 55 minutes duration, (as was earlier conducted).

This Year, the Theme is **'The Journey Ahead'** and I encapsulates the various modules, as outlined above, though not necessarily, in the same order, but planned and conducted according to the needs and requirements of the present batch of students.

### Clayton M Moses

Coordinator: Student Affairs & International Relations. Heritage Group of Institutions .