



MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR

(A Govt. Aided UGC Autonomous & NAAC Accredited Institute Affiliated to RGPV, Bhopal)

REPORT OF

NOVEL ENGAGING COURSE

BY

I Q A C
Internal Quality Assurance Cell
MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE

MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR

(A Govt. Aided UGC Autonomous Institute & NAAC Accredited Institute Affiliated to RGPV, Bhopal MP)

Date: 27.07.2021

Note-Sheet

Sub: Evaluation guidelines for Novel Engaging Course UG II year (2020-2021 Admitted batch)

Flexible curriculum scheme is implemented in the Institute with effect from 2020-2021 admitted batch. As per the scheme, there is provision of Novel Engaging Course (NEC) in UG II year (III & IV semesters) for which 50 marks are allotted in each semester under practical slot.

In this view, it is proposed that evaluation should be based on Attendance, Quiz /Assignments and Course specific activities/events/presentation/seminar etc. Weightage of different parameters may be kept as follows: (Except NCC & NSS)


Novel Engaging Course	Credit: 01 (each semester)	Maximum Marks : 50
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S.No.	Evaluation Criterion	Weightage (%)	Marks
1.	Attendance	10%	05
2.	Quiz /Assignment	40%	20
3.	Course specific activities / events / presentation / seminar	50%	25

Submitted for approval.



Dr.R. Kansal
Dean Student Welfare



27/7/2021.

Dr. Manjaree Pandit
Dean Academics



DIRECTOR 27.7.21

S. No.	Name of courses	Course Mentors	Total Enrolled Students
1	72	66	2469

Sr.	Course Name & Code	Mentor	Mentor Deptt.
1	3D Printing (2000001)	Gavendra Norkey	ME
2	Amateur Radio Communication (2000002)	Vandana Vikas Thakare	EE
3	Design Skills Using Simulation Software (2000003)	Sharad Agrawal	ME
4	Data Analysis Skills (2000004)	D K Jain	MAC.
5	Robotics (2000007)	Karuna Markam	EC
6	Vehicular Skill Development (2000008)	Vedansh Chaturvedi	ME
7	Animation (2000009)	Amit Manjhvar	CSE
8	Digital Learning* - I (2000010)	Punit Kumar Johari	IT
9	Elements of Photographic Skills (2000012)	D.K. Parsediya	EC
10	Environment Protection* - I (2000013)	Aditya K. Agarwal	CE
11	National Service Scheme** (NSS) - I (2000016)	Manish Sagar	NSS
12	National Service Scheme** (NSS) - III (2000018)	Manish Sagar	NSS
13	National Cadet Corps** (NCC) - I (2000020)	B.P.S. Bhadoria	NCC
14	National Cadet Corps** (NCC) – III (2000022)	B.P.S. Bhadoria	NCC
15	Organic Farming (2000028)	Archana Tiwari	CE
16	Games & Sports** - I (2000032)	B.P.S. Bhadoria	Sports
17	Games & Sports** - III, (2000034)	B.P.S. Bhadoria	Sports
18	Alternative Therapies** - I (2000038)	Sunita Sharma	BT
19	Holistic Health* - I (2000042)	Vishal Chaudhary	EE
20	Sculpture Making* - I (2000046)	Pranshi Jain	Arch.
21	English Literary Skills (2000048)	Sanjeev Khanna	Humanities
22	Hindi Language Skills (2000049)	A.S. Ojha	MAC
23	Preliminary Journalism Skills (2000050)	Anish P. Jacob	CM
24	Food and Nutrition (2000052)	Anjula Gaur	App. Sc.
25	Career Guidance & Preparedness (2000053)	Praveen Bansal & Swati Gupta	EE & CM.
26	Public Speaking* - I (2000058)	Manish Dixit & Ankita Sengar	CSE & Arch.
27	Coding Skills** - I (2000060)	Rajni Ranjan Singh	CSE
28	Coding Skills** - III (2000062)	Rajni Ranjan Singh	CSE
29	Emerging Technologies in Computer Science (2000064)	Mahesh Parmar	CSE
30	Software Development** - I (2000066)	Atul Chauhan	Data Resource
31	Software Development** - III (2000068)	Atul Chauhan	Data Resource
32	Photo Editing Software: Adobe Photoshop (2000070)	Versha Sinha	Arch.
33	Basics of Technical Analysis in Stocks (2000071)	Ankit Kumar	Arch.
34	Graphic Design (2000072)	Satyam Shukla	Arch.
35	World Heritage Sites: A Brief Overview (2000073)	Richa Mishra	Arch.
36	Basic and Advanced Excel (2000074)	Abhilash Shukla	CE
37	Shilpa Samhita : Philosophy of Indian Ancient Geotechnical Engineering (2000075)	Chayan Gupta	CE
38	Fire Safety and Regulation in Building (2000076)	Hemant Shrivastava	CE
39	Developments in Pavement Construction: Past to Future (2000077)	Jayvant Choudhary	CE
40	SPSS For Data Analysis (2000078)	Prachi Singh	CE
41	Shutter Up-Flash Me Photography (2000080)	Shourabh Raghuwanshi	CM
42	Science and Technology Around Us (2000081)	Rakesh Dubey	CM
43	Cloud Computing: Techniques & Tools (2000083)	Mir Shahnawaz Ahmad	CSE
44	Role of MATLAB in Computations (2000084)	Ranjeet Kumar Singh	CSE
45	Demystifying Online Social networks (2000085)	Arun Kumar	CSE
46	Gender Sensitization (2000088)	Anshu Chaturvedi	CSE
47	IT Tools (2000089)	Abhishek Dixit	IT
48	Understanding Financial Markets (2000090)	Saamil Maheshwari	IT
49	Intellectual Property : Rules, Drafting and Processing (2000091)	Vikram Rajpoot	IT
50	Modern techniques for business correspondence (2000093)	Namrata Agrawal	IT
51	Integrating Engineering and Literacy (2000094)	Tej Singh	IT (AIR)
52	Imbalance Learning (2000095)	Bhagat Singh Raghuwanshi	IT (AIR)

53	Python for Image processing applications using Open CV (2000096)	Pawan Dubey	IT (AIR)
54	MATLAB: Applications in Mathematical Biology (2000098)	Divya Chaturvedi	MAC
55	Basics and Applications of Mathematica (2000099)	Atul Kumar Ray	MAC
56	Technical Report Writing for Engineers (2000100)	Minakshi	MAC
57	Proficiency in Microsoft Excel (2000101)	Nikhil Paliwal	EE
58	Fundamentals of Electronics Devices (2000102)	Manoj Kumar	EE
59	Microsoft Visio: Scratch to Advance (2000103)	Bhavna Rathore	EE
60	Renewable Energy Technology: Domestic load requirements (2000106)	Rahul Sagwal	EE
61	Electrical Wiring, hazards & safety (2000107)	Saurabh Rajput	EE
62	Basics of MATLAB Programming (2000108)	Sandeep Sharma	EC
63	Basic Programming of Python using Google Colab (2000109)	Hemant Choubey	EC
64	LT Spice Tutorial for Circuit Simulation (2000110)	Vikas Mahor	EC
65	Research Paper Writing (2000111)	Dinesh Rano	EC
66	Understanding Logic Gates (2000114)	Rahul Dubey	EC
67	MATLAB Simulink (2000115)	Deepak Batham	EC
68	CFD Foundation Course using ANSYS FLUENT (2000117)	Subash Chand Pal	ME
69	Solar Applications (2000118)	Ravi Kant Ranjan	ME
70	Computational Methods for Engineers using MATLAB (2000119)	Nitin Upadhyay	ME
71	Role of Non-Destructive Testing (NDT) in modern inspection technology (2000120)	Surendra Chourasiya	ME
72	Creative thinking and problem solving (2000121)	Harbhajan Ahirwar	ME
73	Material Characterization Techniques for Engineering Applications (2000122)	Dinesh Rathore	ME
74	System Dynamics: Using Bond Graph Approach (2000123)	Neeraj Mishra	ME
75	Basics of Campus Recruitment Training (2000124)	Trilok Pratap Singh	MBA
76	Corporate Governance (2000125)	Namrata Gupta	MBA
77	Professional Networking & CSR (2000126)	Monica Chauhan Bhadoriya	MBA
78	Craft practices in India (2000127)	Gautam Bhadoriya	CE
79	Design of Heat Exchangers (2000128)	Ashish Agrawal	ME
80	Smart Grid (2000129)	Himmat Singh	EE
81	Study of Historical Monuments of Gwalior (2000130)	Jaimala Jha	CSE
82	An Introduction to Queueing Systems and its Applications (2000131)	J.K. Muthele	MAC
83	Image processing using MATLAB (2000132)	Khushboo Agarwal	CSE
84	Digital Circuit Design (2000133)	Kuldeep Swarnkar	EE
85	Practical Electronics for Inventors (2000134)	Madhav Singh	EC
86	Research Paper Preparation and Publication -Basics (2000135)	Rakesh Narvey	EE
87	Basics of Control Systems for Engineers (2000136)	R. P. Narwaria	EC
88	Computational Thinking for Problem Solving (2000137)	Sanjiv Sharma	IT
89	Introduction to Auto CAD for Engineers (2000138)	Utkarsh Srivastava	ME
90	Smart Home Technologies (2000139)	Vikas Shejwar	IT
91	OrCAD PSpice (2000140)	Yashwant Sawle	EE
92	Electrical Safety (2000141)	Vijay Bhuria	EE
93	Microsoft Office-Excel Skills (2000142)	Abhilash Sonker	IT
94	Know your Country: History, Culture & Traditions (2000143)	Neha Bhardwaj	IT
95	Technical writing (2000144)	Nidhi Saxena	IT
96	"The Smith Chart" concepts for solving complex network problems (2000145)	Pooja Sahoo	EC
97	Basic Course in Numerical Simulation using Scilab (2000146)	Vikram Saini	EE
98	Digital Image Enhancement Techniques (2000147)	Shubhi Kansal	EC
99	Project Management (2000148)	Jyoti Vimal	ME
100	Software Model and Project Management Life Cycle (2000149)	Parul Saxena	CSE
101	Statistical data analysis through programming (2000150)	Dhananjay Bisen	IT
102	Innovation: From Creativity to Entrepreneurship**-I (2000151)	Ankit Tiwari	EE
103	Entrepreneurship: Concept to Company*-I (2000155)	Varun Sharma	EC
104	Bhagwad Gita- An Introduction (2000157)	C S Malvi	ME

LIST OF NOVEL ENGAGING COURSES JULY - DEC. 2022

Note:

- (i) Courses marked with * are of two parts (Part –I & II will run in two semesters). One credit for each part.
- (ii) Courses marked with ** are of four parts (Part – I, II, III & IV will run in four semesters). One credit for each part.
- (iii) Remaining all courses are of one credit each.

- (iv) Course 2000151 is for III Semester students only.
- (v) Course 2000155 is for V Semester students only.
- (vi) All courses are open for both III & V Semester students except 2000151 & 2000155 (subject to the condition that the courses studied earlier during session 2021-22 by 2020 admitted batch cannot be taken again).

NEC Registration Data Aug-Dec-2022 Session

Course ID	Course Name	Course Mentor	Department	No. of Students
2000001	3D Printing	Gavendra Norkey	ME	50
2000009	Animation	Amit Manjhvar	CSE	50
2000074	Basic and Advanced Excel	Abhilash Shukla	CE	50
2000109	Basic Programming of Python using Google Colab	Hemant Choubey	EC	50
2000099	Basics and Applications of Mathematica	Atul Kumar Ray	MAC	11
2000124	Basics of Campus Recruitment Training	Trilok Pratap Singh	MBA	50
2000136	Basics of Control Systems for Engineers	R. P. Narwaria	EC	11
2000108	Basics of MATLAB Programming	Sandeep Sharma	EC	39
2000071	Basics of Technical Analysis in Stocks	Ankit Kumar	Arch.	50
2000157	Bhagwad Gita- An Introduction	C S Malvi	ME	50
2000053	Career Guidance & Preparedness	Praveen Bansal & Swati Gupta	EE & CM.	50
2000117	CFD Foundation Course using ANSYS FLUENT	Subash Chand Pal	ME	10
2000083	Cloud Computing: Techniques & Tools	Mir Shahnawaz Ahmad	CSE	50
2000060	Coding Skills** - I	Rajni Ranjan Singh	CSE	50
2000062	Coding Skills** - III	Rajni Ranjan Singh	CSE	25
2000137	Computational Thinking for Problem Solving	Sanjiv Sharma	IT	44
2000125	Corporate Governance	Namrata Gupta	MBA	8
2000121	Creative thinking and problem solving	Harbhajan Ahirwar	ME	50
2000004	Data Analysis Skills	D K Jain	MAC.	50
2000085	Demystifying Online Social networks	Arun Kumar	CSE	25
2000003	Design Skills Using Simulation Software	Sharad Agrawal	ME	20
2000077	Developments in Pavement Construction: Past to Future	Jayvant Choudhary	CE	10
2000133	Digital Circuit Design	Kuldeep Swarnkar	EE	11
2000010	Digital Learning* - I	Punit Kumar Johari	IT	26
2000012	Elements of Photographic Skills	D.K. Parsediya	EC	50
2000064	Emerging Technologies in Computer Science	Mahesh Parmar	CSE	50

2000048	English Literary Skills	Sanjeev Khanna	Humanities	18
2000155	Entrepreneurship: Concept to Company*-I	Varun Sharma	EC	42
2000013	Environment Protection* - I	Aditya K. Agarwal	CE	50
2000076	Fire Safety and Regulation in Building	Hemant Shrivastava	CE	24
2000052	Food and Nutrition	Anjula Gaur	App. Sc.	25
2000032	Games & Sports** - I	B.P.S. Bhadoria	Sports	50
2000034	Games & Sports** - III,	B.P.S. Bhadoria	Sports	40
2000072	Graphic Design	Satyam Shukla	Arch.	50
2000049	Hindi Language Skills	A.S. Ojha	MAC	24
2000042	Holistic Health* - I	Vishal Chaudhary	EE	9
2000095	Imbalance Learning	Bhagat Singh Raghuwanshi	IT (AIR)	8
2000151	Innovation: From Creativity to Entrepreneurship**-I	Ankit Tiwari	EE	50
2000138	Introduction to Auto CAD for Engineers	Utkarsh Srivastava	ME	50
2000089	IT Tools	Abhishek Dixit	IT	50
2000143	Know your Country: History, Culture & Traditions	Neha Bhardwaj	IT	50
2000110	LT Spice Tutorial for Circuit Simulation	Vikas Mahor	EC	20
2000122	Material Characterization Techniques for Engineering Applications	Dinesh Rathore	ME	10
2000142	Microsoft Office-Excel Skills	Abhilash Sonker	IT	50
2000093	Modern techniques for business correspondence	Namrata Agrawal	IT	16
2000020	National Cadet Corps** (NCC) - I	B.P.S. Bhadoria	NCC	50
2000022	National Cadet Corps** (NCC) III	B.P.S. Bhadoria	NCC	12
2000016	National Service Scheme** (NSS) - I	Manish Sagar	NSS	37
2000018	National Service Scheme** (NSS) - III	Manish Sagar	NSS	18
2000028	Organic Farming	Archana Tiwari	CE	19
2000070	Photo Editing Software: Adobe Photoshop	Versha Sinha	Arch.	50
2000134	Practical Electronics for Inventors	Madhav Singh	EC	7
2000050	Preliminary Journalism Skills	Anish P. Jacob	CM	10
2000101	Proficiency in Microsoft Excel	Nikhil Paliwal	EE	50


2000148	Project Management	Jyoti Vimal	ME	50
2000058	Public Speaking* - I	Manish Dixit	CSE	50
2000096	Python for Image processing applications using Open CV	Pawan Dubey	IT (AIR)	50
2000007	Robotics	Karuna Markam	EC	50
2000084	Role of MATLAB in Computations	Ranjeet Kumar Singh	CSE	29
2000081	Science and Technology Around Us	Rakesh Dubey	CM	15
2000046	Sculpture Making* - I	Pranshi Jain	Arch.	8
2000080	Shutter Up-Flash Me Photography	Shourabh Raghuwanshi	CM	50
2000139	Smart Home Technologies	Vikas Shejwar	IT	50
2000066	Software Development** - I	Atul Chauhan	Data Resource	50
2000068	Software Development** - III	Atul Chauhan	Data Resource	18
2000118	Solar Applications	Ravi Kant Ranjan	ME	18
2000150	Statistical data analysis through programming	Dhananjay Bisen	IT	50
2000130	Study of Historical Monuments of Gwalior	Jaimala Jha	CSE	11
2000090	Understanding Financial Markets	Saumil Maheshwari	IT	50
2000114	Understanding Logic Gates	Rahul Dubey	EC	31
2000008	Vehicular Skill Development	Vedansh Chaturvedi	ME	15
2000073	World Heritage Sites: A Brief Overview	Richa Mishra	Arch.	45
Total No. of courses		72	Total No. of students	2469

NEC STUDENT FEEDBACK (AUGUST-NOVEMBER 2022 SESSION)

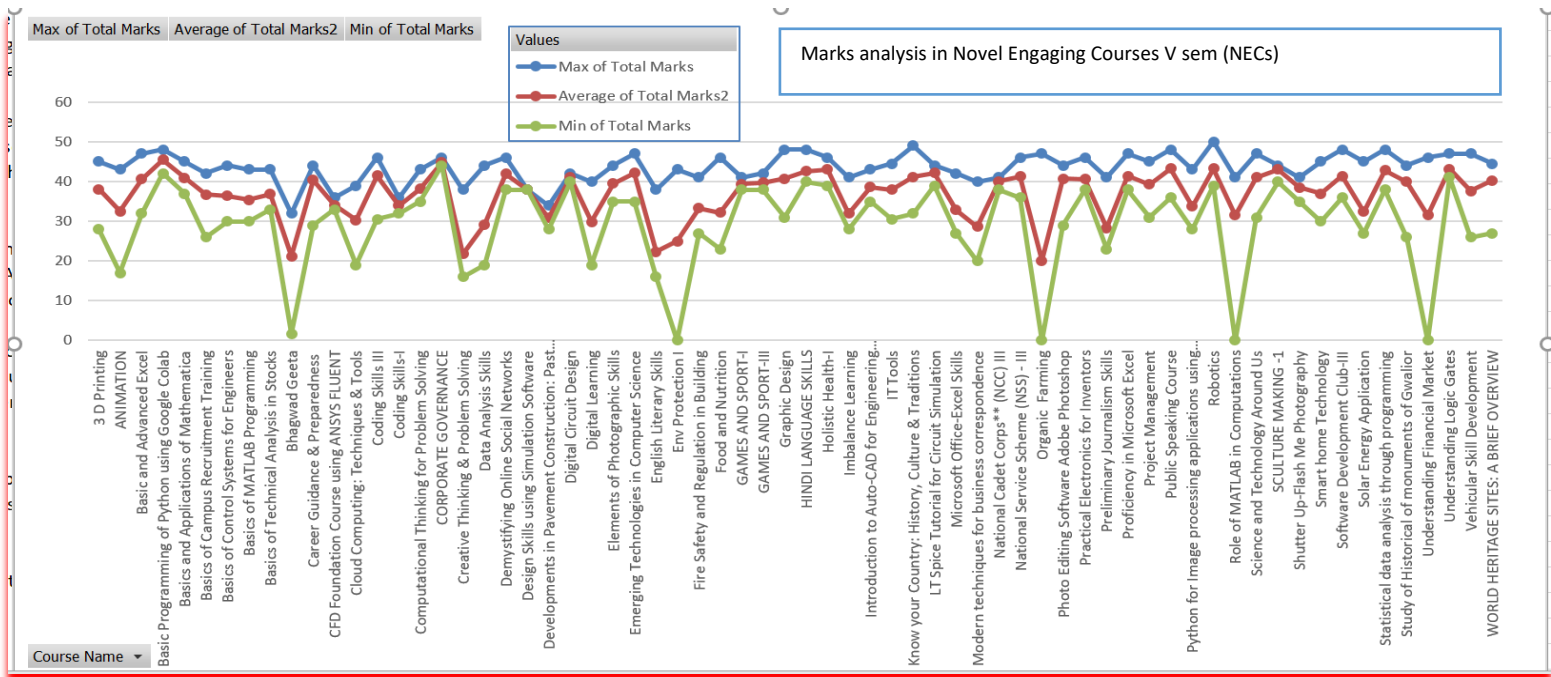
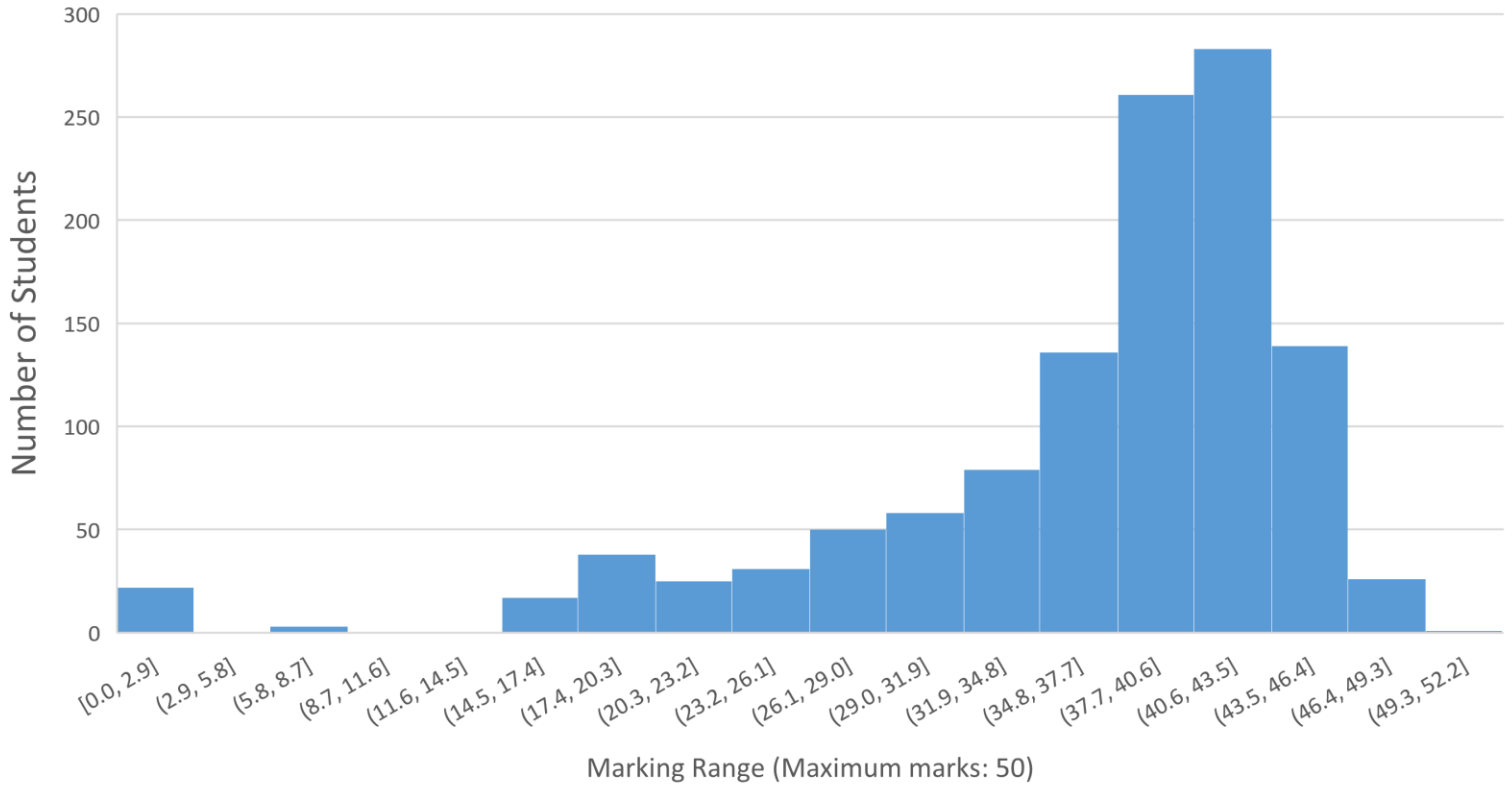
Sr.	Name of the Course	Mentor Name	Registered Students	No. of students Submitted Feedback	% response	Feedback Questions: Score on 5 Point Scale										Average Score	
						Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10		
1	2000001 3D Printing	Dr Gavendra Norkey	50	24	48.00	4	4	4	4	4	4	4	4	4	4	4	4
2	2000003 Design Skills Using Simulation Software	Prof. Sharad Agrawal	23	14	60.87	4	5	5	5	5	5	5	5	5	5	5	4.9
3	2000004 Data Analysis Skills	Dr. D.K. Jain	50	16	32.00	5	5	5	5	5	5	5	5	4	4	5	4.8
4	2000007 Robotics	Dr. Karuna Markam	50	41	82.00	4	4	5	4	4	4	4	4	4	4	4	4.1
5	2000008 Vehicular Skill Development	Prof. Vedansh Chaturvedi &Ajay Rajput	15	4	26.67	5	5	5	5	5	5	5	5	5	5	5	5
6	2000009 Animation	Prof. Amit Manjhar	50	29	58.00	4	4	5	5	4	4	5	4	5	5	5	4.5
7	2000010 Digital Learning* - I	Dr. Punit Kumar Johari	30	9	30.00	5	5	5	4	5	5	5	5	5	4	4	4.8
8	2000012 Elements of Photographic Skills	Prof. Deep Kishore Parsediya	50	30	60.00	4	4	5	5	4	4	4	4	4	4	4	4.2
9	2000013 Environment Protection* - I	Prof. Aditya K Agarwal	50	17	34.00	5	5	5	5	5	5	5	5	5	5	5	5
10	2000016 National Service Scheme** (NSS) - I	Dr. Manish Sagar	49	16	32.65	4	4	5	5	4	4	4	5	4	4	4	4.3
11	2000018 National Service Scheme** (NSS) - III	Dr. Manish Sagar	18	5	27.78	5	5	5	5	4	5	5	5	4	5	5	4.8
12	2000020 National Cadet Corps** (NCC) - I	Dr. BPS Bhadoria	50	34	68.00	4	4	4	4	4	4	4	4	4	4	4	4
13	2000022 National Cadet Corps** (NCC) - III	Dr. BPS Bhadoria	12	1	8.33	5	5	5	5	5	5	5	5	5	5	5	5
14	2000028 Organic Farming	Dr. Archana Tiwari	20	7	35.00	5	5	5	5	5	4	5	5	5	5	5	4.9
15	2000032 Games & Sports** - I	Dr. BPS Bhadoria	50	33	66.00	5	5	5	5	5	5	5	5	5	5	5	5
16	2000034 Games & Sports** - III	Dr. BPS Bhadoria	40	29	72.50	5	5	5	5	5	5	5	5	5	5	5	5
17	2000042 Holistic Health* - I	Prof. Vishal Choudhary	11	4	36.36	5	5	5	5	5	5	5	5	5	5	5	5
18	2000046 Sculpture Making* - I	Dr. Pranshi Jain	9	7	77.78	4	4	5	5	4	4	5	5	5	5	5	4.6
19	2000048 English Literary Skills	Dr. Sanjeev Khanna	18	5	27.78	5	5	5	5	5	5	5	5	5	5	5	5
20	2000049 Hindi Literary Skills	Prof. A.S. Ojha	24	14	58.33	5	5	5	5	5	5	5	5	5	5	5	5
21	2000050 Preliminary Journalism Skills	Prof. Anish P. Jacob	10	1	10.00	5	5	5	5	5	5	5	5	5	5	5	5
22	2000052 Food and Nutrition	Dr. Anjula Gaur	25	11	44.00	4	4	5	4	4	4	5	4	4	4	4	4.2
23	2000053 Career Guidance & Preparedness	Dr. Praveen Bansal/Dr. Swati Gupta	50	29	58.00	5	5	5	5	5	4	5	5	5	5	5	4.9
24	2000058 Public Speaking* - I	Dr. Manish Dixit & Ankita Sengar	50	35	70.00	5	5	5	5	4	5	5	5	5	5	5	4.9
25	2000060 Coding Skills** - I	Dr. Rajni Ranjan Makwana	50	17	34.00	4	4	4	4	4	4	4	4	4	4	4	4
26	2000062 Coding Skills** - III	Dr. Rajni Ranjan Makwana/Jigyasa Mishra	25	11	44.00	5	5	5	5	5	5	5	5	5	5	5	5
27	2000064 Emerging Technologies in Computer Science	Prof. Mahesh Parmar	50	41	82.00	4	4	5	4	4	4	4	4	4	4	4	4.1
28	2000066 Software Development** - I	Mr. Atul Chouhan	50	19	38.00	4	4	5	4	4	4	4	4	4	4	4	4.1
29	2000068 Software Development** - III	Mr. Atul Chouhan	18	11	61.11	5	5	5	5	5	5	5	5	5	5	5	5
30	2000070 Photo Editing Software: Adobe Photoshop	Ms. Versha Sinha	50	45	90.00	5	5	5	5	4	5	5	5	5	5	5	4.9
31	2000071 Basics of Technical Analysis in Stocks	Mr. Ankit Kumar	50	21	42.00	5	5	5	5	5	5	5	5	5	5	5	5
32	2000072 Graphic Design	Mr. Satyam Shukla	50	46	92.00	4	4	5	5	4	4	5	5	4	5	5	4.5
33	2000073 World Heritage Sites: A Brief Overview	Ms. Richa Mishra	46	34	73.91	5	5	5	5	5	5	5	5	5	5	5	5
34	2000074 Basic and Advanced Excel	Prof. Abhilash Shukla	50	16	32.00	5	5	5	5	5	4	5	5	5	5	5	4.9
35	2000076 Fire Safety and Regulation in Building	Prof. Hemant Shrivastava	24	8	33.33	5	5	5	5	4	5	5	5	4	5	5	4.8
36	2000077 Developments in Pavement Construction: Past	Prof. Jayvant Choudhary	12	8	66.67	5	5	5	5	5	4	5	5	4	5	5	4.8
37	2000080 Shutter Up-Flash Me Photography	Prof. Shourabh Raghuvanshi	50	20	40.00	4	4	5	4	4	5	5	5	4	4	4	4.4
38	2000081 Science and Technology Around Us	Prof. Rakesh Dubey	19	11	57.89	4	4	5	5	4	4	5	4	4	4	4	4.3
39	2000083 Cloud Computing: Techniques & Tools	Prof. Mir Shahnawaz Ahmad	50	45	90.00	5	5	5	5	5	5	5	5	5	5	5	5
40	2000084 Role of MATLAB in Computations	Prof. Ranjeet Kumar Singh	31	18	58.06	4	5	5	5	5	4	5	4	4	5	5	4.6
41	2000085 Demystifying Online Social networks	Prof. Arun Kumar	28	25	89.29	5	5	5	5	4	5	5	5	5	5	5	4.9
42	2000089 IT Tools	Prof. Abhishek Dixit	50	18	36.00	5	5	5	5	5	5	5	5	4	5	5	4.9
43	2000090 Understanding Financial Markets	Prof. Saumil Maheshwari	50	39	78.00	5	5	5	5	5	5	5	5	5	5	5	5
44	2000093 Modern techniques for business correspondence	Prof. Namrata Agrawal	18	10	55.56	5	5	5	5	5	5	5	5	5	5	5	5
45	2000095 Imbalance Learning	Prof. Bhagat Singh Raghuvanshi	8	5	62.50	5	5	5	5	5	5	5	5	5	5	5	5
46	2000096 Python for Image processing applications using	Prof. Pawan Dubey	50	22	44.00	4	4	5	4	4	4	4	4	4	4	4	4.1
47	2000099 Basics and Applications of Mathematica	Prof. Atul Kumar Ray	19	7	36.84	4	4	5	4	5	5	5	5	4	4	4	4.5
48	2000101 Proficiency in Microsoft Excel	Prof. Nikhil Paliwal	50	35	70.00	5	5	5	5	5	5	5	5	5	5	5	5
49	2000108 Basics of MATLAB Programming	Dr. Sandeep Sharma	42	32	76.19	5	4	5	4	5	4	5	4	4	4	4	4.4
50	2000109 Basic Programming of Python using Google Co	Prof. Hemant Choubey	50	38	76.00	5	5	5	5	4	5	5	5	5	5	5	4.9
51	2000110 LT Spice Tutorial for Circuit Simulation	Prof. Vikas Mahor	21	19	90.48	4	5	5	5	5	5	5	4	5	5	5	4.8
52	2000114 Understanding Logic Gates	Prof. Rahul Dubey	31	13	41.94	5	5	5	5	5	5	5	5	5	5	5	5
53	2000117 -CFD Foundation Course using ANSYS FLUEN	Prof. Subhash Chandra Pal	12	0	0.00	-	-	-	-	-	-	-	-	-	-	-	-
54	2000118 Solar Applications	Prof. Ravi Kant Ranjan	21	14	66.67	5	5	5	5	4	5	5	4	5	5	5	4.8
55	2000121 Creative thinking and problem solving	Prof. Harbhajan Ahirwar	50	7	14.00	4	4	4	4	4	4	4	4	4	4	4	4
56	2000122 Material Characterization Techniques for Engu	Prof. Dinesh Rathore	11	6	54.55	5	5	5	5	5	5	5	5	5	5	5	5
57	2000124 Basics of Campus Recruitment Training	Dr. Trilok Pratap Singh	50	50	100.00	5	5	5	5	5	5	5	5	5	5	5	5
58	2000125 Corporate Governance	Dr. Namrata Gupta	8	7	87.50	4	4	4	4	4	4	4	4	4	4	4	4
59	2000130 Study of Historical Monuments of Gwalior	Prof. Jaimala Jha	14	5	35.71	4	4	5	4	4	4	4	4	4	4	4	4.1
60	2000133 Digital Circuit Design	Prof. Kuldeep Swarnkar	15	5	33.33	4	4	5	4	4	4	4	4	4	4	4	4.1
61	2000134 Practical Electronics for Inventors	Prof. Madhav Singh	7	4	57.14	5	5	5	5	5	5	5	5	5	5	5	5
62	2000136 Basics of Control Systems for Engineers	Prof. R.P. Narwaria	17	11	64.71	4	4	4	4	4	4	4	4	4	4	4	4
63	2000137 Computational Thinking for Problem Solving	Dr. Sanjiv Sharma	53	20	37.74	5	5	5	5	4	4	5	4	5	4	5	4.6
64	2000138 Introduction to Auto CAD for Engineers	Prof. Utkarsh Shrivastava	50	33	66.00	4	4	5	4	4	4	4	4	4	4	4	4.1
65	2000139 Smart Home Technologies	Prof. Vikas Shejwar	50	33	66.00	4	4	4	4	4	4	4	4	4	4	4	4
66	2000142 Microsoft Office-Excel Skills	Prof. Abhilash Sonker	50	14	28.00	5	5	5	5	4	4	4	5	5	4	4	4.6
67	2000143 Know your Country: History, Culture & Tradit	Dr. Neha Bharadwaj	50	34	68.00	4	4	5	4	4	4	4	4	4	4	4	4.1
68	2000148 Project Management	Dr. Jyoti Vimal	50	37	74.00	5	5	5	5	5	5	5	5	5	5	5	5
69	2000150 Statistical data analysis through programming	Dr. Dhananjay Bisen	50	41	82.00	5	5	5	5	5	5	5	5	5	5	5	5
70	2000151 Innovation: From Creativity to Entrepreneursh	Prof. Ankit Kumar	50	18	36.00	5	5	5	5	4	5	5	4	5	5	5	4.8
71	2000155 Entrepreneurship: Concept to Company*-I	Prof. Varun Sharma	42	31	73.81	5	5	5	5	5	5	5	5	5	5	5	5
72	2000157 Bhagwad Gita- An Introduction	Dr. C.S. Malvi	50	39	78.00	5	5	5	5	5	5	5	5	5	5	5	5
Total			2546	1458	57.27												

QUESTIONS

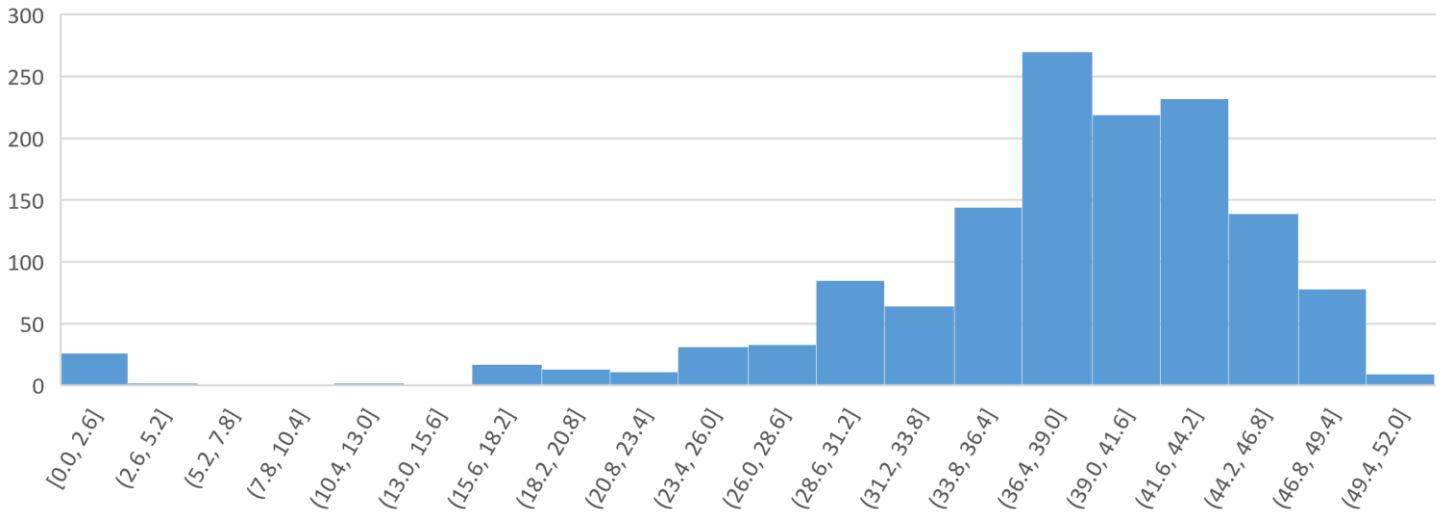
- Q1 Course Mentor clearly defines the goals at the beginning of the Novel Engaging Course
- Q2 The course sequence was well planned
- Q3 Behavior of course mentor is ethical and shows no gender bias
- Q4 The course exposed to you about new knowledge and practices
- Q5 The quality of lectures/PPT available through MOODLE, YouTube and other online platforms was good
- Q6 The Level of the Novel Engaging course is
- Q7 Rate the Communication skills of the faculty
- Q8 This Course help me to grow professionally
- Q9 I would recommend this Course to other students in future
- Q10 Overall rating of the course


 (Dr. Rajeev Kansal)
 Dean, Student Welfare

Distribution of Marks in Novel Engaging Courses V sem (NECs)



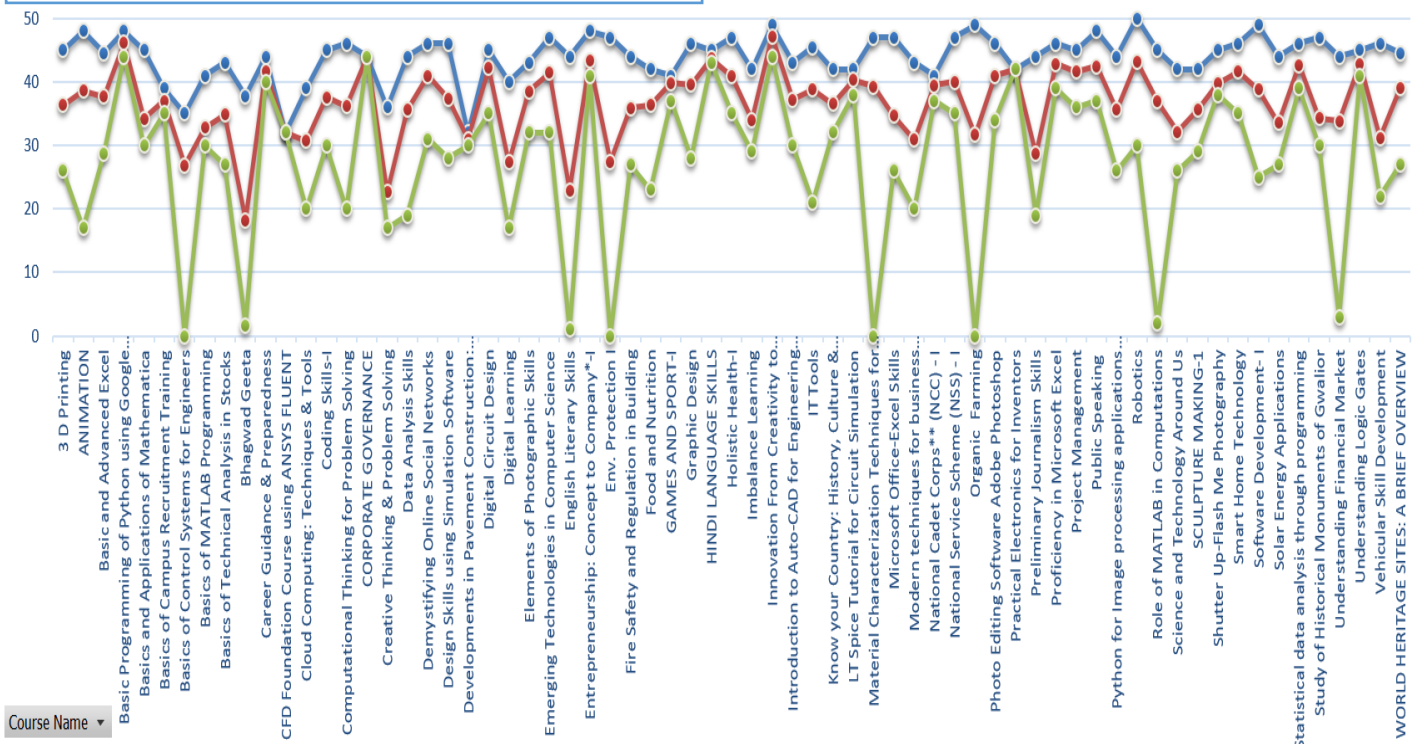
Distribution of Marks in Novel Engaging Courses III sem (NECs)



Marks analysis in Novel Engaging Courses III sem (NECs)

Values

- Max of Total Marks
- Average of Total Marks
- Min of Total Marks



V Semester students

Row Labels/Courses	Maximum Marks	Average Marks	Minimum of Marks
3 D Printing	45	38.063	28
ANIMATION	43	32.5	17
Basic and Advanced Excel	47	40.647	32
Basic Programming of Python using Google Colab	48	45.533	42
Basics and Applications of Mathematica	45	40.889	37
Basics of Campus Recruitment Training	42	36.727	26
Basics of Control Systems for Engineers	44	36.4	30
Basics of MATLAB Programming	43	35.385	30
Basics of Technical Analysis in Stocks	43	36.8	33
Bhagwad Geeta	32	21.24	1.666667
Career Guidance & Preparedness	44	40.419	29
CFD Foundation Course using ANSYS FLUENT	36	34.1	33
Cloud Computing: Techniques & Tools	39	30.333	19
Coding Skills III	46	41.471	30.5
Coding Skills-I	36	34	32
Computational Thinking for Problem Solving	43	38.158	35
CORPORATE GOVERNANCE	46	44.857	44
Creative Thinking & Problem Solving	38	21.707	16
Data Analysis Skills	44	29.176	19
Demystifying Online Social Networks	46	41.929	38
Design Skills using Simulation Software	38	38	38
Developments in Pavement Construction: Past to Future	34	30.9	28
Digital Circuit Design	42	41	40
Digital Learning	40	29.833	19
Elements of Photographic Skills	44	39.5	35
Emerging Technologies in Computer Science	47	42.167	35
English Literary Skills	38	22.25	16
Env Protection I	43	24.967	0
Fire Safety and Regulation in Building	41	33.286	27
Food and Nutrition	46	32.176	23

GAMES AND SPORT-I	41	39.357	38
GAMES AND SPORT-III	42	39.7	38
Graphic Design	48	40.714	31
HINDI LANGUAGE SKILLS	48	42.571	40
Holistic Health-I	46	43	39
Imbalance Learning	41	32	28
Introduction to Auto-CAD for Engineering Applications	43	38.636	35
IT Tools	44.5	37.967	30.5
Know your Country: History, Culture & Traditions	49	41.122	32
Row Labels/Courses	Maximum Marks	Average Marks	Minimum of Marks
LT Spice Tutorial for Circuit Simulation	44	42.167	39
Microsoft Office-Excel Skills	42	32.889	27
Modern techniques for business correspondence	40	28.667	20
National Cadet Corps** (NCC) III	41	40.083	38
National Service Scheme (NSS) - III	46	41.222	36
Organic Farming	47	20.125	0
Photo Editing Software Adobe Photoshop	44	40.667	29
Practical Electronics for Inventors	46	40.6	38
Preliminary Journalism Skills	41	28.25	23
Proficiency in Microsoft Excel	47	41.414	38
Project Management	45	39.275	31
Public Speaking Course	48	43.25	36
Python for Image processing applications using OpenCV	43	33.7	28
Robotics	50	43.25	39
Role of MATLAB in Computations	41	31.5	0
Science and Technology Around Us	47	41	31
SCULTURE MAKING -1	44	43	40
Shutter Up-Flash Me Photography	41	38.455	35
Smart home Technology	45	37	30
Software Development Club-III	48	41.389	36
Solar Energy Application	45	32.4	27
Statistical data analysis through programming	48	42.867	38
Study of Historical of monuments of Gwalior	44	39.9	26
Understanding Financial Market	46	31.476	0

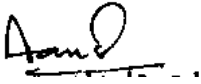
Understanding Logic Gates	47	43.217	41
Vehicular Skill Development	47	37.667	26
WORLD HERITAGE SITES: A BRIEF OVERVIEW	44.5	40.311	27
Grand Total	50	36.721	0

III Semester students

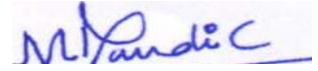
Row Labels	Maximum Marks	Average Marks	Minimum of Marks
3 D Printing	45	36.382	26
ANIMATION	48	38.576	17
Basic and Advanced Excel	44.5	37.714	28.75
Basic Programming of Python using Google Colab	48	46.171	44
Basics and Applications of Mathematica	45	34.2	30
Basics of Campus Recruitment Training	39	37	35
Basics of Control Systems for Engineers	35	26.857	0
Row Labels/Courses	Maximum Marks	Average Marks	Minimum of Marks
Basics of MATLAB Programming	41	32.75	30
Basics of Technical Analysis in Stocks	43	34.867	27
Bhagwad Geeta	37.8	18.184	1.6667
Career Guidance & Preparedness	44	41.714	40
CFD Foundation Course using ANSYS FLUENT	32	32	32
Cloud Computing: Techniques & Tools	39	30.727	20
Coding Skills-I	45	37.542	30
Computational Thinking for Problem Solving	46	36.212	20
CORPORATE GOVERNANCE	44	44	44
Creative Thinking & Problem Solving	36	22.6	17
Data Analysis Skills	44	35.633	19
Demystifying Online Social Networks	46	40.929	31
Design Skills using Simulation Software	46	37.4	28
Developments in Pavement Construction: Past to Future	32	31	30
Digital Circuit Design	45	42.154	35
Digital Learning	40	27.353	17
Elements of Photographic Skills	43	38.533	32
Emerging Technologies in Computer Science	47	41.395	32

English Literary Skills	44	22.9	1
Entrepreneurship: Concept to Company*-I	48	43.31	41
Environmental Protection I	47	27.4	0
Fire Safety and Regulation in Building	44	35.9	27
Food and Nutrition	42	36.333	23
GAMES AND SPORT-I	41	39.806	37
Graphic Design	46	39.517	28
HINDI LANGUAGE SKILLS	45	43.667	43
Holistic Health-I	47	40.833	35
Imbalance Learning	42	34	29
Innovation From Creativity to Entrepreneurship-I	49	47.143	44
Introduction to Auto-CAD for Engineering Applications	43	37.179	30
IT Tools	45.5	38.779	21
Know your Country: History, Culture & Traditions	42	36.556	32
LT Spice Tutorial for Circuit Simulation	42	40.333	38
Material Characterization Techniques for Engineering Applications	47	39.273	0
Microsoft Office-Excel Skills	47	34.652	26
Modern techniques for business correspondence	43	30.889	20
National Cadet Corps** (NCC) - I	41	39.46	37
National Service Scheme (NSS) - I	47	39.98	35
Organic Farming	49	31.667	0
Photo Editing Software Adobe Photoshop	46	41	34
Practical Electronics for Inventors	42	42	42
Preliminary Journalism Skills	44	28.667	19
Proficiency in Microsoft Excel	46	42.85	39
Project Management	45	41.6	36
Row Labels/Courses	Maximum Marks	Average Marks	Minimum of Marks
Public Speaking	48	42.447	37
Python for Image processing applications using Open CV	44	35.6	26
Robotics	50	43.217	30
Role of MATLAB in Computations	45	36.96	2
Science and Technology Around Us	42	32.143	26
SCULPTURE MAKING-1	42	35.6	29
Shutter Up-Flash Me Photography	45	39.765	38

Smart Home Technology	46	41.636	35
Software Development- I	49	38.8	25
Solar Energy Applications	44	33.5	27
Statistical data analysis through programming	46	42.647	39
Study of Historical Monuments of Gwalior	47	34.25	30
Understanding Financial Market	44	33.862	3
Understanding Logic Gates	45	42.875	41
Vehicular Skill Development	46	31.167	22
WORLD HERITAGE SITES: A BRIEF OVERVIEW	44.5	38.975	27
Grand Total	50	38.033	0



(Dr. R. Kansal)
DSW



(Dr. Manjaree Pandit)
Dean Academics