



Office of the Academic Registrar UNIVERSITY OF SCIENCE & TECHNOLOGY MEGHALAYA

Accredited 'A' Grade by NAAC
nirf India Ranking-2022 (151-200)

USTM/AR/VAC/2021/136(A)

Date: 10/07/2021

REGISTRATION OPEN FOR VALUE ADDED COURSES (Academic session 2021-22)

This is for information to all the students that the following value-added courses (given in Annexure-I) will be offered by different departments of the university during the academic session 2021-22. All the students are hereby advised to register for the same by submitting the registration form available with the respective HoDs.

The VACs are open for all and the students can opt for any course (s) from the list irrespective of their departments/discipline of study.

The detailed information about the course shall be available with the respective **Course Coordinators of the departments offering the course.**

The last date of Registration is 10th Aug,2021

Sd/-

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Copy to:

1. PS to Chancellor, USTM for kind information of Hon'ble Chancellor
2. PS to Vice Chancellor, USTM for kind information of Hon'ble Vice Chancellor
3. PS to Pro-Vice Chancellor, USTM for kind information of Hon'ble Pro-Vice Chancellor
3. Registrar, USTM
4. Controller of Examinations and Admissions, USTM
5. All HoDs for their information and necessary actions – HoDs are requested to circulate the information among the students and submit the final list of enrolled students course wise to the Controller of Examinations and Admissions with a copy to the undersigned for necessary actions at this end.
6. Academic Officers/Block Officers - They will assist the respective HoDs/Course Coordinators in the enrolment process and also in smooth conduction of the VACs.
7. Office File.

Jm 10/07/2022
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ANNEXURE - I

LIST OF VALUE ADDED COURSES OFFERED DURING THE ACADEMIC YEAR 2021-22

Sl. No	Name of the value added courses (with 30 or more contact hours) offered	Course Code (if any)	Year of offering	No. of times offered during the same year	Duration of course
1	Applied industrial Microbiology	VAC-1601	2021-22	1	30 hours
2	Food Safety and Quality	VAC-2102	2021-22	1	30 hours
3	Industrial Enzymology and Applications	VAC-1501	2021-22	1	30 hours
4	Recent Trends in Clinical Microbiology and Biochemistry	VAC-1602	2021-22	1	30 hours
5	Indigenous Dairy Products	VAC-1603	2021-22	1	30 hours
6	Water Analysis (Physico-chemical characteristics)	VAC-1704	2021-22	1	30 hours
7	Conservation and Utilization of Medicinal Herbs	VAC-1804	2021-22	1	30 hours
8	Horticultural nursery management	VAC-1604	2021-22	1	40 hours
9	Group theory application	VAC-2164	2021-22	1	32 hours
10	Applications of software tools in chemistry	VAC-2159	2021-22	1	32 hours
11	Introduction to computational chemistry	VAC-2160	2021-22	1	36 hours
12	Advanced Libraries for Data Science	VAC-2113	2021-22	1	36 hours
13	Computer Components Assembling and Troubleshooting	VAC-2126	2021-22	1	30 hours
14	Fundamental Theory and Application of Neural Network	VAC-2131	2021-22	1	34 hours
15	Digital Steganography: Tools & Techniques	VAC-2137	2021-22	1	32 hours
16	Cloud Computing platform in Industry	VAC-2143	2021-22	1	32 hours
17	Sustainable Urban Development Using	VAC-2116	2021-22	1	30 hours

	Geo-Spatial Technology				
18	Agriculture: Its Implications on Economy and Ecology	VAC-2136	2021-22	1	30 hours
19	Early Childhood Education	VAC-2101	2021-22	1	30 hours
20	Education for Aesthetic Development	VAC-2161	2021-22	1	30 hours
21	An Advanced Approach to web Designing	VAC-1611	2021-22	1	30 hours
22	Effective Academic Writing and Presentation	VAC-1515	2021-22	1	30 hours
23	Information Retrieval System from Academic and Scholarly Databases	VAC-1412	2021-22	1	30 hours
24	R Programming Language for beginners	VAC-2125	2021-22	1	30 hours
25	Mathematics for Competitive Examination	VAC-2149	2021-22	1	30 hours
26	LATEX	VAC-1718	2021-22	1	30 hours
27	AYUSH	VAC-2110	2021-22	1	32 hours
28	In-vivo methods for screening in experimental Pharmacology	VAC-2158	2021-22	1	32 hours
29	Scale up and pilot plant design in Pharmaceutical Industry	VAC-2139	2021-22	1	32 hours
30	Pharmaco vigilance and its current Perspectives	VAC-2152	2021-22	1	32 hours
31	Emergency medicine and First Aid	VAC-2134	2021-22	1	32 hours
32	Two-Dimensional Nanomaterials and Their Applications	VAC-2122	2021-22	1	32 hours
33	Astronomy & Astronomical Instrumentations	VAC-2123	2021-22	1	32 hours
34	Fiber Optic Sensing	VAC-2132	2021-22	1	32 hours
35	Numerical Analysis using Python	VAC-2133	2021-22	1	30 hours
36	Nuclear Radiation: Safety Measurement and Applications	VAC-2148	2021-22	1	33 hours
37	Yoga for Wellness	VAC-2103	2021-22	1	30 hours

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38	Nutrition and health	VAC-2112	2021-22	1	35 hours
39	Vestibular rehabilitation	VAC-2145	2021-22	1	30 hours
40	Hospital infection control	VAC-2142	2021-22	1	30 hours
41	Changing Paradigm of citizenship in North East India	VAC-1722	2021-22	1	33 hours
42	Why do people Migrate: Theories and Approaches	VAC-1820	2021-22	1	31 hours
43	Rural Technology	VAC-1413	2021-22	1	32 hours
44	SHG & Micro-Finance in the Context of Rural Economy	VAC-2121	2021-22	1	32 hours
45	Agro-forestry and Sustainable Agriculture	VAC-2128	2021-22	1	32 hours
46	Rural Entrepreneurship Development	VAC-2135	2021-22	1	32 hours
47	Application of Geospatial techniques in Rural Development	VAC-2146	2021-22	1	32 hours
48	Community Health and Social Medicine	VAC-2119	2021-22	1	30 hours
49	Online Dangers for children in Cyber World	VAC-2147	2021-22	1	30 hours
50	Soft Skills and Personality Development	VAC-1519	2021-22	1	32 hours
51	Environmental Management and Sustainable Development	VAC-2156	2021-22	1	32 hours
52	Wildlife Research Techniques	VAC-1520	2021-22	1	30 hours
53	Advances in Fish Farming for Entrepreneurship	VAC-2154	2021-22	1	30 hours
54	Ecological Field Sampling and Analysis	VAC-2155	2021-22	1	36 hours
55	Fundamental Application and Function of MS Excel	VAC-2124	2021-22	1	32 hours
56	Professional Grooming and Business Etiquettes	VAC-2111	2021-22	1	32 hours
57	Social Media as professional tools	VAC-2157	2021-22	1	32 hours
58	Travel & Tourism Management	VAC-2105	2021-22	1	30 hours

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59	Research Methodology and Critical Tools in English Studies	VAC-2115	2021-22	1	33 hours
60	English Language skill enhancement	VAC-2141	2021-22	1	35 hours
61	Theater Theory & performance	VAC-2151	2021-22	1	40 hours
62	Constitutional Pluralism in the context of Art.370 of the Constitution of India	VAC-2114	2021-22	1	32 hours
63	Green Collar Crime	VAC-2127	2021-22	1	33 hours
64	Criminal Litigation and Trial Advocacy	VAC-2144	2021-22	1	35 hours
65	Contribution of Intellectual Property Rights in Research and Development Sector	VAC-2106	2021-22	1	33 hours
66	Facilitating E-Commerce Trade Practices	VAC-2108	2021-22	1	32 hours
67	Computerised Accounting -Tally	VAC-2109	2021-22	1	35 hours
68	Digital Marketing	VAC-1805	2021-22	1	35 hours
69	Essential of Office Suits	VAC-2156	2021-22	1	35 hours
70	Management of Financial Services	VAC-1508	2021-22	1	30 hours
71	Consumer Decision and Financial Literacy	VAC-1713	2021-22	1	30 hours
72	GST an Inclusive tax regime	VAC-1816	2021-22	1	30 hours
73	Introduction to Data Analysis in Economics	VAC-2150	2021-22	1	30 hours
74	Recent Development in Monetary Policy	VAC-1813	2021-22	1	30 hours

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