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**Office of the Academic Registrar
University of Science & Technology, Meghalaya**

USTM/AC.REG/2018/..4.(A)

Date: 2nd May, 2018

REGISTRATION OPEN
VALUE ADDED COURSES
(Academic Session 2018-19)

This is for information to all the students that in the upcoming academic session, a number of value added courses (list enclosed, Annexure-I) will be offered by each departments across the university. All the students are hereby advised to register for the value added course (VAC) by filling up the Registration Form available with the respective Head of departments. Students can opt for any course from the list irrespective of their departments/discipline.

The last date of registration is 15th June, 2018

The classes for all VAC will commence from 21st August, 2018.

Sd/-
Academic Registrar

Copy to:

1. Head of all departments for their Kind Information and necessary action. Respective HoDs are requested to submit the list of enrolled students under each course to the Controller of Examinations and Admissions with a copy to the undersigned.
2. All Block Officers to assist the Head of the departments in the entire process of registration as well as smooth conduction of classes.

M 2/05/2018
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University of Science & Technology
Meghalaya

Annexure-I

List of Value Added Courses to be offered during 2018-19:

SL. NO.	NAME OF THE COURSE	COURSE CODE	ORGANISING DEPARTMENT
1	AGRI-BIOTECHNOLOGY & FARM MANAGEMENT	VAC-1401	APPLIED BIOLOGY
2	ADVANCED CALLUS CULTURE AND MICRO-PROPAGATION TECHNIQUES	VAC-1402	
3	BIOMARKER IN HEALTH CARE	VAC-1403	
4	INDUSTRIAL ENZYMOLOGY AND APPLICATION	VAC-1501	
5	FOOD CHEMISTRY AND QUALITY ASSURANCE	VAC-1502	
6	GLOBAL FOOD SAFETY	VAC-1503	
7	APPLIED INDUSTRIAL MICROBIOLOGY	VAC-1601	
8	RECENT TRENDS IN CLINICAL MICROBIOLOGY AND BIOCHEMISTRY	VAC-1602	
9	INDIGENOUS DAIRY PRODUCTS	VAC-1603	
10	QUALITY CONTROL IN HERBAL DRUGS	VAC-1701	
11	NUTRITION AND IMMUNITY	VAC-1702	
12	NUTRITION IN EMERGENCIES	VAC-1801	
13	NUTRITION AND PHYSICAL FITNESS	VAC-1802	
14	POST-HARVEST TECHNOLOGY OF FRUITS & VEGETABLES	VAC-1803	
15	PLANT RESOURCE UTILISATION AND CONSERVATION	VAC-1404	BOTANY
16	MUSHROOM CULTIVATION	VAC-1405	
17	HORTICULTURAL NURSERY MANAGEMENT	VAC-1604	
18	ORNAMENTAL HORTICULTURE	VAC-1705	
19	HYDROPHONICS(SOILLESS PLANTATION)	VAC-1706	
20	PHYSICO-CHEMICAL AND BIOLOGICAL CHARACTERISTICS OF WATER	VAC-1704	

mm 02/05/2018

Academic Registrar
University of Science & Technology
Meghalaya

21	BIOFERTILIZER PRODUCTION	VAC-1703	BUSINESS ADMINISTRATION
22	CONSERVATION AND UTILISATION OF MEDICINAL HERBS	VAC-1804	
23	INSURANCE SERVICES	VAC-1406	
24	SUPPLY CHAIN MANAGEMNT	VAC-1504	
25	TECHNICAL SUPPORT EXECUTIVE -NON VOICE	VAC-1605	
26	DIGITAL MARKETING	VAC-1805	
27	START UP, INNOVATION, INCUBATION AND ENTREPRENEURSHIP	VAC-1806	
28	EVENT MANAGEMENT	VAC-1807	
29	LABORATORY OPERATIONS TECHNIQUES- CHEMICAL AND GLASSWARE SAFETY	VAC-1407	CHEMISTRY
30	INDUSTRIAL CHEMISTRY AND ITS APPLICATIONS	VAC-1505	
31	NANOTECHNOLOGY AND ITS APPLICATIONS	VAC-1506	
32	RECENT DEVELOPMENT IN DRUG INDUSTRY	VAC-1507	
33	SYMMETRY ELEMENTS THROUGH MODEL PREPARATION	VAC-1606	
34	AWARENESS IN PLASTIC TECHNOLOGY	VAC-1707	
35	FUNDAMENTALS OF GREEN CHEMISTRY	VAC-1708	
36	RECENT TRENDS IN POLYMER TECHNOLOGY WITH SPECIAL EMPHASIS ON FABRICATION, MOLDING AND PROCESSING OF PLASTICS	VAC-1808	
37	POLLUTION CONTROL AND MANAGEMENT	VAC-1809	
38	MANAGEMENT OF FINANCIAL SERVICES	VAC-1508	COMMERCE
39	ENTREPRENEURSHIP AND INNOVATION	VAC-1607	
40	GOODS AND SERVICES TAX: REGISTRATION, E-FILING AND COMPLIANCE	VAC-1709	
41	E-FILING: INCOME TAX AND INTRODUCTION TO GST	VAC-1710	

DM 02/05/2018

Academic Registrar
University of Science & Technology
Meghalaya

42	RURAL MARKETING	VAC-1711	
43	BRAND MANAGEMENT	VAC-1811	
44	COMPUTER NETWORKING AND INTERFACING	VAC-1408	
45	ADVANCED INDUSTRIAL COURSE ON ANDROID DEVELOPMENT	VAC-1509	COMPUTER SC. & ELECTRONICS
46	ADVANCED WEB PROGRAMMING	VAC-1712	
47	DATA ANALYTICS AND MACHINE LEARNING	VAC-1714	
48	IMPLEMENTATION OF DIGITAL VLSI DESIGN USING TANNER EDA TOOL	VAC-1812	
49	APPLICATIONS OF GIS IN FOREST RESOURCE MANAGEMENT	VAC-1409	EARTH SC.
50	CLIMATE CHANGE: SCIENCE AND IMPACT	VAC-1510	
51	REMOTE SENSING AND GEOGRAPHIC INFORMATION SYSTEM	VAC-1608	
52	HAZARD MANAGEMENT AND DISASTER PREPAREDNESS IN EMERGENCIES	VAC-1609	
53	DATA ANALYSIS USING STATISTICAL TOOLS	VAC-1715	
54	MANAGEMENT OF FINANCIAL SERVICES	VAC-1508	ECONOMICS
55	CONSUMER DECISIONS AND FINANCIAL LITERACY	VAC-1713	
56	RECENT DEVELOPMENT IN MONETARY POLICY IN INDIA	VAC-1813	
57	JUGULAR VEIN OF ECONOMY: BANKING AND FINANCE	VAC-1815	
58	GST: AN INCLUSIVE TAX REGIME	VAC-1816	
59	ROLE OF ART IN EDUCATION	VAC-1410	EDUCATION
60	PRE-PRIMARY TEACHERS TRAINING COURSE	VAC-1511	
61	MANAGERIAL SKILLS AND PROMOTING LEADERSHIP	VAC-1716	
62	BASICS IN COUNSELING	VAC-1817	
63	PEDAGOGICAL TECHNIQUES	VAC-1825	
64	APTITUDE SKILL TRAINING AND PERSONALITY DEVELOPMENT	VAC-1826	

DM 02/05/2018

65	DIGITAL PEDAGOGIES(PGCEDP)	VAC-1827	
66	ASSESSMENT OF HIGHER EDUCATION	VAC-1828	
67	BENEFITS OF YOGA	VAC-1610	
68	COMMUNICATION SKILLS AND PERSONALITY DEVELOPMENT	VAC-1411	ENGLISH
69	CREATIVE WRITING-SHORT STORY	VAC-1512	
70	THEATER AND STAGECRAFT	VAC-1513	
71	CREATIVE WRITING-POETRY	VAC-1717	
72	PUBLIC SPEAKING, ANCHORING AND NEWS READING	VAC-1818	
73	INFORMATION RETRIEVAL TECHNIQUES FROM ACADEMIC AND SCHOLARLY DATABASES	VAC-1412	LIBRARY AND INFORMATION SC.
74	ADVANCE LIBRARY SOFTWARE TRAINING	VAC-1514	
75	EFFECTIVE ACADEMIC WRITING AND PRESENTATION	VAC-1515	
76	AN ADVANCED APPROACH TO WEB DESIGNING	VAC-1611	
77	LATEX	VAC-1718	MATHEMATICS
78	MATLAB	VAC-1719	
79	MATHEMATICA	VAC-1720	
80	RECENT DEVELOPMENT IN NANOTECHNOLOGY	VAC-1612	PHYSICS
81	ADVANCED COMPUTATIONAL PHYSICS	VAC-1712	
82	ASTROPHYSICS AND ASTRONOMICAL INSTRUMENTATIONS	VAC-1819	
83	CHANGING PARADIGM OF CITIZENSHIP IN NORTH EAST INDIA	VAC-1722	POLITICAL SC.
84	WHY DO PEOPLE MIGRATE: THEORIES AND APPROACHES	VAC-1820	
85	HOW TO WRITE RESEARCH PROJECT PROPOSALS	VAC-1821	
86	RURAL TECHNOLOGY	VAC-1413	RURAL DEVELOPMENT

DM
02/05/2018

87	FOREST AND TRIBAL LIVELIHOOD DEVELOPMENT	VAC-1516	
88	TECHNOLOGIES IN AGRICULTURE AND ALLIED SECTOR	VAC-1613	
89	ORGANIC FARMING	VAC-1723	
90	INDIGENOUS TECHNOLOGICAL KNOWLEDGE SYSTEM	VAC-1822	
91	PROJECT PROPOSAL AND PROFESSIONAL REPORT WRITING	VAC-1517	SOCIAL WORK
92	STREET THEATRE TRAINING	VAC-1518	
93	SOCIAL ENTREPRENEURSHIP	VAC-1724	
94	LEADERSHIP AND TEAM BUILDING	VAC-1823	
95	PUBLIC HEALTH AND EMERGENCY	VAC-1824	
96	APPLICATIONS OF SOCIOLOGY	VAC 1414	SOCIOLOGY
97	SOCIAL POLICY AND DEVELOPMENT ADMINISTRATION	VAC-1415	
98	SOFT SKILLS AND PERSONALITY DEVELOPMENT	VAC 1519	
99	INTRODUCTION TO PROFESSIONAL COUNSELLING	VAC 1614	
100	USING STATISTICAL SOFTWARE IN RESEARCH	VAC-1725	
101	DIVERSITY MANAGEMENT	VAC-1726	ZOOLOGY
102	FIELD SURVEY ON HERPETAFUNA	VAC-1416	
103	WILDLIFE RESEARCH TECHNIQUES	VAC-1520	
104	WILDLIFE CONSERVATION	VAC-1615	
105	RECENT DEVELOPMENT IN PISCICULTURE FOR ENTREPRENEUR DEVELOPMENT	VAC-1825	

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