



MAHATMA PHULE KRISHI VIDYAPEETH, RAHURI
Pin-413 722, Dist. Ahmednagar, Maharashtra (India)

TRANSCRIPT

Faculty of Agricultural Engineering (B.Tech)

Name of the Student: **Mane Trilok Suresh**
Course: **Bachelor of Technology (Agricultural Engineering)**
Name of the College: **Sahyadri College of Agricultural Engineering and Technology, Karad**

Registration Number: **SHE-2020/019**
Year of Admission: **2020-2021**
University RegNumber: **7991**

Medium of Instruction-English

Subject Code	Subject Name	Credit t+p	Credit Point
Semester :- I			
BS-MATH 111	Engineering Mathematics-I	2+1=3	22.2
BS-PHY 111	Engineering Physics	1+1=2	18.0
BS-COMP 111	Computer Programming and Data Structures	1+1=2	18.4
AS-SS 111	Principles of Soil Science	1+1=2	17.6
FMPE 111	Engineering Drawing	0+2=2	16.8
FMPE 112	Workshop Practice	0+1=1	8.2
PFE 111	Thermodynamics	1+1=2	17.8
REE 111	Engineering Chemistry	1+1=2	18.6
FS 111	Engineering Mechanics	2+1=3	25.2
AS-EXTN 111	Communication Skills and Personality Development	1+1=2	15.2
E/DEG 111	Democracy, Elections and Good Governance	1+0=1	Pass
Semester :- II			
BS-MATH 122	Engineering Mathematics-II	2+1=3	24.3
BS-COMP 122	Web Designing and Internet Applications	0+2=2	17.0
AS-STAT 121	Statistical Methods in Engineering	1+1=2	17.4
AS-AGRO 121	Principles of Agronomy	1+1=2	17.6
AS-HORT 121	Principles of Horticultural Crops and Plant Protection	1+1=2	16.0
FMPE 123	Workshop Technology	1+1=2	18.6
SWCE 121	Surveying and Leveling	1+2=3	22.5
PFE 122	Heat and Mass Transfer	1+1=2	15.4
REE 122	Electrical Machines and Power Utilization	2+1=3	23.1
FS 122	Strength of Materials	1+1=2	17.6
PHEY 121	Physical Education and Yoga	0+1=1	Pass
NSS-121	National Service Scheme	0+1=1	Pass
Semester :- III			
BS-MATH 233	Engineering Mathematics-III	2+1=3	25.8
FMPE 234	Farm Power and Automotive Engines	1+1=2	14.4
FMPE 235	Theory of Machines	1+1=2	16.4
SWCE 232	Soil Mechanics	1+1=2	13.8
SWCE 233	Watershed Hydrology	2+1=3	26.1
IDE 231	Fluid Mechanics and Open Channel Hydraulics	2+1=3	21.9
PFE 233	Engineering Properties of Agricultural Produce	1+1=2	17.6
FS 233	Theory of Structures	1+1=2	15.0
AS-ECON 231	Entrepreneurship Development and Business Communication	1+1=2	18.0
Semester :- IV			
BS PHY 242	Applied Electronics and Instrumentation	1+1=2	12.6
FMPE 246	Tractor Systems and Controls	1+1=2	13.8
FMPE 247	Machine Design	1+1=2	15.4
SWCE 244	Soil and Water Conservation Engineering	2+1=3	21.3
IDE 242	Irrigation Engineering	2+1=3	24.6
PFE 244	Post Harvest Engineering of Cereals, Pulses and Oil Seeds	2+1=3	21.3
REE 243	Fundamentals of Renewable Energy Sources	2+1=3	21.6
FS 244	Building Construction and Cost Estimation	1+1=2	16.2
GAE 241	In Plant Training - I	0+5=5	46.5

Please see overleaf

Subject Code	Subject Name	Credit T+P	Credit Point
Semester :- V			
FMPE 358	Farm Machinery and Equipment - I	1+1=2	13.0
FMPE 359	CAD Applications	0+1=1	9.0
FMPE 3510	Field Operation and maintenance of Tractor and Farm Machinery	0+1=1	7.8
SWCE 355	Water Harvesting and Soil Conservation Structures	2+1=3	26.7
IDE 353	Ground water, Wells and Pumps	2+1=3	21.0
IDE 354	Drainage Engineering	2+1=3	20.7
PFE 355	Dairy and Food Engineering	2+1=3	27.3
REE 354	Renewable Power Sources	2+1=3	24.6
FS 355	Agricultural Structures, Storage Engineering and Environmental Control	2+1=3	24.3
EDNT 352	Educational Tour	0+2=2	19.0
Semester :- VI			
FMPE 3611	Farm Machinery and Equipment - II	1+1=2	13.0
FMPE 3612	Tractor and Farm Machinery Design	2+1=3	19.8
SWCE 366	Watershed Planning and Management	1+1=2	17.8
IDE 365	Canal Irrigation Management	1+1=2	16.6
IDE 366	Sprinkler and Micro Irrigation System	1+1=2	15.6
PFE 366	Post Harvest Engineering of Horticultural Crops	1+1=2	16.6
PFE 367	Refrigeration and Air Conditioning	1+1=2	17.4
REE 365	Bio-energy Systems- Design and Applications	2+1=3	24.9
AS-ESDM 361	Environmental Science and Disaster Management	2+1=3	20.7
GAE 362	In Plant Training - II	0+5=5	45.5
Semester :- VII			
GAE 473/474	Industrial Attachment / Expiential Learning Programme	0+20=20	168.0
Semester :- VIII			
GAE 485	Seminar	0+1=1	9.6
GAE 486	Project Planning and Report Writing	0+10=10	98.0
ELE FMPE 481	Testing of Agricultural Equipment and Machinery	1+2=3	23.1
ELE PFE 481	Food Quality and Control	2+1=3	29.1
ELE REE 482	Waste and by products Utilization	2+1=3	27.3
Grand Total		180	1486.2

Credit Completed : 183
Credit Completed by Gradial Course : 180
Credit Completed by Non Gradial Course : 3
Credit Points Obtained : 1486.2
Cumulative Grade Point Average : 8.26
Equivaalent Percentage of Marks & Class : 82.60 **Class :** First Class with Distinction
Date: 23/07/2024

*Non-Credit Course, **Deficiency Course

8.0 and Above CGPA : First Class with Distinction
 7.0 to 7.99 CGPA : First Class
 6.0 to 6.99 CGPA : Second Class
 5.0 to 5.99 CGPA : Pass Class
 R=Repeat, NC=Non Gradial Course

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