



Vasant Rao Naik Marathwada Agricultural University, Parbhani

वसंतराव नाईक मराठवाडा कृषि विद्यापीठ, परभणी
Maharashtra State, India



Serial No. : 204417033

Transcript Faculty of Agril. Engineering

Name of the Student : **Khiste Aditya Ambadas**
Registration No. : **2017AEPB033**
Degree Programme : **B.Tech.(Agril. Engg.)**
Institute : **College of Agril. Engg. & Technology, Parbhani**

Year of Admission : 2017
Year of Leaving : 2021
Medium of Instruction : English

| Course Nos. | Title of the Course | Credits | Grade Point | Credit Point |
|---------------------|---|---------|-------------|--------------|
| I Semester | | | | |
| BS-MATH-111 | Engineering Mathematics-I | 3 | 6.6 | 19.8 |
| BS-PHY-111 | Engineering Physics | 2 | 7.4 | 14.8 |
| BS-COMP-111 | Computer Programming and Data Structures | 2 | 6.5 | 13.0 |
| AS-SS-111 | Principals of Soil Science | 2 | 6.4 | 12.8 |
| FMPE-111 | Engineering Draining | 2 | 7.6 | 15.2 |
| FMPE-112 | Workshop Practical | 1 | 8.0 | 8.0 |
| PFE-111 | Thermodynamics | 2 | 8.0 | 16.0 |
| REE-111 | Engineering Chemistry | 2 | 7.7 | 15.4 |
| FS-111 | Engineering Mechanics | 3 | 6.4 | 19.2 |
| AS-EXTN-111 | Communication Skill & Personality Development | 2 | 7.9 | 15.8 |
| DEG-111* | Democracy, Election & Good Governance | 1 | 7.0 | PASS |
| II Semester | | | | |
| BS-MATHS-122 | Engineering Mathematics-II | 3 | 7.0 | 21.0 |
| BS-COMP-122 | Web Designing and Internet Application | 2 | 9.0 | 18.0 |
| AS-STAT-121 | Statistical Methods in Engineering | 2 | 7.6 | 15.2 |
| AS-AGRO-121 | Principles of Agronomy | 2 | 6.1 | 12.2 |
| AS-HORT-121 | Principles of Horticultural Crops and Plant Protection | 2 | 7.8 | 15.6 |
| FMPE-123 | Workshop Technology | 2 | 7.1 | 14.2 |
| SWCE-121 | Surveying and Leveling | 3 | 8.4 | 25.2 |
| PFE-122 | Heat and Mass Transfer | 2 | 7.2 | 14.4 |
| REE-122 | Electrical Machines and Power utilization | 3 | 7.2 | 21.6 |
| FS-122 | Strenght of Materials | 2 | 7.3 | 14.6 |
| PHYEDN-121* | Physical Education and Yoga | 1 | 9.0 | PASS |
| NSS-121* | National Service Scheme | 1 | 9.0 | PASS |
| III Semester | | | | |
| BS-MATH-233 | Engineering Mathematics III | 3 | 6.5 | 19.5 |
| FMPE-234 | Farm Power and Automotive Engines | 2 | 6.5 | 13.0 |
| FMPE-235 | Theory of Machines | 2 | 8.8 | 17.6 |
| SWCE-232 | Soil Mechanics | 2 | 7.9 | 15.8 |
| SWCE-233 | Watershed Hydrology | 3 | 6.6 | 19.8 |
| IDE-231 | Fluid Mechanics and Open Channel Hydraulics | 3 | 6.6 | 19.8 |
| PFE-233 | Engineeing Properties of Agricultural Produce | 2 | 8.4 | 16.8 |
| FS-233 | Theory of Structures | 2 | 8.3 | 16.6 |
| AS-EXTN-231 | Entrepreneurship development and Business Communication | 2 | 7.2 | 14.4 |
| EDNT-231 | Educational Tour | 2 | 9.4 | 18.8 |
| IV Semester | | | | |
| BS-PHY-242 | Applied Electronics and Instrumentation | 2 | 8.2 | 16.4 |
| FMPE-246 | Tractor Systems and Controls | 2 | 6.9 | 13.8 |
| FMPE-247 | Machine Design | 2 | 7.5 | 15.0 |
| SWCE-244 | Soil and Water Conservation Engineering | 3 | 6.9 | 20.7 |
| IDE-242 | Irrigation Engineering | 3 | 7.3 | 21.9 |
| PFE-244 | Post Harvest Engineering of Cereals, Pulses and Oil Seeds | 3 | 6.7 | 20.1 |

Please see overleaf

| Course Nos. | Title of the Course | Credits | Grade Point | Credit Point |
|----------------------|--|---------|-------------|--------------|
| REE-243 | Fundamentals of Renewable Energy Sources | 3 | 7.7 | 23.1 |
| FS-244 | Building Construction and Cost Estimation | 2 | 7.1 | 14.2 |
| GAE-241 | GAE-241 | 5 | 9.0 | 45.0 |
| V Semester | | | | |
| FMPE-358 | Farm Machinery and Equipment-I | 2 | 7.0 | 14.0 |
| FMPE-359 | CAD Applications | 1 | 8.8 | 8.8 |
| FMPE-3510 | Field Operation and maintenance of Tractor and Farm Machinery | 1 | 7.4 | 7.4 |
| SWCE-355 | Water Harvesting and Soil Conservation Structures | 3 | 6.8 | 20.4 |
| IDE-353 | Groundwater, Wells and Pumps | 3 | 7.4 | 22.2 |
| IDE-354 | Drainage Engineering | 3 | 8.1 | 24.3 |
| PFE-355 | Dairy and Food Engineering | 3 | 8.6 | 25.8 |
| REE-354 | Renewable Power Sources | 3 | 7.1 | 21.3 |
| FS-355 | Agricultural Structures, Storage Engineering and Environmental Control | 3 | 8.2 | 24.6 |
| VI Semester | | | | |
| FMPE-3611 | Farm Machinery and Equipment-II | 2 | 7.7 | 15.4 |
| FMPE-3612 | Tractor & Farm Machinery Design | 3 | 7.6 | 22.8 |
| SWCE-366 | Watershed Planning and Management | 2 | 7.7 | 15.4 |
| IDE-365 | Canal Irrigation Management | 2 | 7.9 | 15.8 |
| IDE-366 | Sprinkler and Micro Irrigation System | 2 | 7.7 | 15.4 |
| PFE-366 | Post Harvest Engineering of Horticultural Crops | 2 | 7.9 | 15.8 |
| PFE-367 | Refrigeration and Air Conditioning | 2 | 7.3 | 14.6 |
| REE-365 | Bio-energy Systems: Design and Applications | 3 | 7.7 | 23.1 |
| AS-ESDM-361 | Environmental Science and Disaster Management | 3 | 7.8 | 23.4 |
| GAE-362 | In Plant Training - II | 5 | 9.2 | 46.0 |
| VII Semester | | | | |
| GAE-473/GAE-474 | Industrial Attachment/Experiential Learning | 20 | 7.5 | 150.0 |
| VIII Semester | | | | |
| ELE-IDE-482 | Geo-Informatics for Land and Water Management | 3 | 9.0 | 27.0 |
| ELE-SWCE-481 | Floods and Control Measures | 3 | 8.9 | 26.7 |
| ELE-FS-481 | Greenhouse Structure for Protected Cultivation | 3 | 9.0 | 27.0 |
| GAE-485 | Seminar | 1 | 9.0 | 9.0 |
| GAE-486 | 12 Weeks Project Planning and Report Writing-VIII sem | 10 | 9.0 | 90.0 |

Total Credits Completed : **183**
 Total Credits Completed by Gradual Course : **180**
 Total Credits Completed by Non-Gradual Course : **3**
 Credit Points Obtained ($\sum \text{Credits} \times \text{GP}$) : **1390.5**
 Cumulative Grade Point Average (CGPA) in 10 point Scale : **7.73**
 Equivalent Percentage of Marks & Class/ Division : **77.30 First Class**

PARBHANI

DATE : 26 AUG 2021

Dy. Registrar (Acad.)
 VNMKV, Parbhani
 DEPUTY REGISTRAR (ACAD)

G - Pass with award of grace marks
 R - Repeat

* Non credit course
 ** Remedial course

Ex - Exemption

Division :

- 1) 8.00 & above : First Class with Distinction (F.C.W.D.)
- 2) 7.00 to 7.99 : First Class
- 3) 6.00 to 6.99 : Second Class
- 4) 5.00 to 5.99 : Pass