

Sr No. : 204517034



**VASANTRAO NAIK MARATHWADA KRISHI VIDYAPEETH**  
**(Agricultural University)**  
वसंतराव नाईक मराठवाडा कृषि विद्यापीठ, परभणी  
**PARBHANI 431 402 (MS)**

**PROVISIONAL DEGREE CERTIFICATE**

Registration No. 2017AEAD034

*This is to certify that*

**Jadhav Ajay Vaijanathrao**

*Student of the*

**Aditya College of Agril. Engg. & Technology, Beed**

*has been examined for the Degree of*

**Bachelor of Technology**  
**Agricultural Engineering**

*and adjudged to have passed with a Cumulative Grade Point Average 7.40 in*

*the 10.00 point scale, equivalent to*

**First class**

*in the*

*month of July, 2021*

Krishi Nagar, Parbhani

Date **11 SEP 2021**

  
**Deputy Registrar (Acad.)**  
**Dy. Registrar (Acad.)**  
**VNMKV, Parbhani**



# Vasantrao Naik Marathwada Agricultural University, Parbhani

वसंतराव नाईक मराठवाडा कृषि विद्यापीठ, परभणी

Maharashtra State, India



Serial No. : 204517034

## Transcript Faculty of Agril. Engineering

Name of the Student : **Jadhav Ajay Valjanathrao**  
Registration No. : **2017AEAD034**  
Degree Programme : **B.Tech.(Agril. Engg.)**  
Institute : **Aditya College of Agril. Engg. & Technology, Beed**

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

Course Nos.	Title of the Course	Credits	Grade Point	Credit Point
<b>I Semester</b>				
BS-MATH-111	Engineering Mathematics-I	3	6.0	18.0
BS-PHY-111 R	Engineering Physics	2	7.1	14.2
BS-COMP-111 R	Computer Programming and Data Structures	2	6.3	12.6
AS-SS-111	Principals of Soil Science	2	6.1	12.2
FMPE-111	Engineering Dralng	2	8.5	17.0
FMPE-112	Workshop Practical	1	8.6	8.6
PFE-111 R	Thermodynamics	2	6.7	13.4
REE-111	Engineering Chemistry	2	5.9	11.8
FS-111	Engineering Mechanics	3	5.7	17.1
AS-EXTN-111	Communication Skill & Personality Development	2	7.3	14.6
DEG-111*	Democracy, Election & Good Governance	1	5.2	PASS
<b>II Semester</b>				
BS-MATHS-122	Engineering Mathematics-II	3	5.2	15.6
BS-COMP-122	Web Designing and Internet Application	2	7.7	15.4
AS-STAT-121	Statistical Methods In Engineering	2	5.9	11.8
AS-AGRO-121	Principles of Agronomy	2	5.5	11.0
AS-HORT-121	Principles of Horticultural Crops and Plant Protection	2	5.6	11.2
FMPE-123	Workshop Technology	2	6.5	13.0
SWCE-121	Surveying and Leveling	3	6.4	19.2
PFE-122	Heat and Mass Transfer	2	6.3	12.6
REE-122	Electrical Machines and Power utilization	3	5.6	16.8
FS-122	Strenght of Materials	2	6.3	12.6
PHYEDN-121*	Physical Education and Yoga	1	9.0	PASS
NSS-121*	National Service Scheme	1	8.4	PASS
<b>III Semester</b>				
BS-MATH-233	Engineering Mathematics III	3	6.7	20.1
FMPE-234	Farm Power and Automotive Engines	2	6.0	12.0
FMPE-235	Theory of Machines	2	7.1	14.2
SWCE-232	Soil Mechanics	2	7.3	14.6
SWCE-233 R	Watershed Hydrology	3	6.6	19.8
IDE-231	Fluid Mechanics and Open Channel Hydraulics	3	5.5	16.5
PFE-233	Engineeing Properties of Agricultural Produce	2	6.9	13.8
FS-233	Theory of Structures	2	6.2	12.4
AS-EXTN-231	Entrepreneurship development and Business Communication	2	7.0	14.0
EDNT-231	Educational Tour	2	9.8	19.6
<b>IV Semester</b>				
BS-PHY-242	Applied Electronics and Instrumentation	2	6.9	13.8
FMPE-246	Tractor Systems and Controls	2	6.9	13.8
FMPE-247	Machine Design	2	7.7	15.4
SWCE-244	Soil and Water Conservation Engineering	3	7.2	21.6
IDE-242	Irrigation Engineering	3	6.1	18.3
PFE-244	Post Harvest Engineering of Cereals, Pulses and Oil Seeds	3	7.1	21.3

2017AEAD034

Jadhav Ajay Valjanathrao

Credits Grade Point Credit Point

Course Nos.	Title of the Course	Credits	Grade Point	Credit Point
REE-243	Fundamentals of Renewable Energy Sources	3	8.1	24.3
FS-244	Building Construction and Cost Estimation	2	7.6	15.2
GAE-241	GAE-241	5	9.2	46.0
<b>V Semester</b>				
FMPE-358	Farm Machinery and Equipment-I	2	6.5	13.0
FMPE-359	CAD Applications	1	6.8	6.8
FMPE-3510	Field Operation and maintenance of Tractor and Farm Machinery	1	7.2	7.2
SWCE-355	Water Harvesting and Soil Conservation Structures	3	5.9	17.7
IDE-353	R Groundwater, Wells and Pumps	3	8.1	24.3
IDE-354	R Drainage Engineering	3	8.5	25.5
PFE-355	Dairy and Food Engineering	3	5.4	16.2
REE-354	Renewable Power Sources	3	7.9	23.7
FS-355	Agricultural Structures, Storage Engineering and Environmental Control	3	6.3	18.9
<b>VI Semester</b>				
FMPE-3611	Farm Machinery and Equipment-II	2	7.2	14.4
FMPE-3612	Tractor & Farm Machinery Design	3	7.2	21.6
SWCE-366	Watershed Planning and Management	2	7.0	14.0
IDE-365	Canal Irrigation Management	2	7.2	14.4
IDE-366	Sprinkler and Micro Irrigation System	2	7.0	14.0
PFE-366	Post Harvest Engineering of Horticultural Crops	2	7.2	14.4
PFE-367	Refrigeration and Air Conditioning	2	7.1	14.2
REE-365	Bio-energy Systems: Design and Applications	3	7.2	21.6
AS-ESDM-361	Environmental Science and Disaster Management	3	7.2	21.6
GAE-362	In Plant Training - II	5	8.9	44.5
<b>VII Semester</b>				
GAE-473/GAE-474	Industrial Attachment/Experiential Learning	20	8.7	174.0
<b>VIII Semester</b>				
ELE-FMPE-481	Testing of Agricultural Equipment and Machinery	3	8.9	26.7
ELE-PFE-483	Food Packaging	3	9.1	27.3
ELE-REE-481	Photovoltaic Technology and Systems	3	7.8	23.4
GAE-485	Seminar	1	8.8	8.8
GAE-486	12 Weeks Project Planning and Report Writing-VIII sem	10	9.8	98.0

Total Credits Completed : **183**  
 Total Credits Completed by Gradiual Course : **180**  
 Total Credits Completed by Non-Gradiual Course : **3**  
 Credit Points Obtained (  $\sum$  Credits X GP ) : **1331.6**  
 Cumulative Grade Point Average (CGPA) in 10 point Scale : **7.40**  
 Equivalent Percentage of Marks & Class/ Division : **74.00 First Class**

PARBHANI

DATE : 11 SEP 2021

DEPUTY REGISTRAR (ACAD.)

Dy. Registrar (Acad.)

G - Pass with award of grace marks  
R - Repeat

\* Non credit course  
\*\* Remedial course

Ex - Exemption VNMKV, Parbhani

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