



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 Viljanathrao	Year of Admission	: 2017
Registration No.	: 2017AEAD034	Year of Leaving	: 2021
Degree Programme	: B.Tech.(Agril. Engg.)	Medium of Instruction	: English
Institute	: Aditya College of Agril. Engg. & Technology, Beed		

Course Nos.	Title of the Course	Credits	Grade Point	Credit Point
I Semester				
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 Draing	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
II Semester				
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
III Semester				
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	Engineering 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
IV Semester				
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

Please see overleaf

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

V Semester

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	Groundwater, Wells and Pumps	3	8.1	24.3
IDE-354	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

VI Semester

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	3	7.1	21.6
REE-365	Bio-energy Systems: Design and Applications	3	7.2	21.6
AS-ESDM-361	Environmental Science and Disaster Management	3	8.9	44.5
GAE-362	In Plant Training - II	5		

VII Semester

GAE-473/GAE-474	Industrial Attachment/Experiential Learning	20	8.7	174.0
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VIII Semester

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 Gradial Course : **180**Total Credits Completed by Non-Gradial Course : **3**Credit Points Obtained (Σ 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****DEPUTY REGISTRAR (ACAD)****Dy. Registrar (Acad.)****PARBHANI****DATE : 11 SEP 2021**

G - Pass with award of grace marks

* Non credit course

R - Repeat

** 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