

No. 234420030

*Vasantrao Naik Marathwada Krishi Vidyapeeth*  
(Agricultural University)



Parbhani (Maharashtra) India

## Certificate

*We, The Chancellor, Pro-Chancellor, Vice-Chancellor and  
members of the Executive Council of the Vasantrao Naik Marathwada  
Krishi Vidyapeeth (Agricultural University), Parbhani  
certify that*

**Kompalwar Shrikant Subhashrao**

*has been examined for  
the Degree of Bachelor of Technology Agricultural Engineering and  
adjudged to have passed in the First Class in July, 2024.*

*The Degree of*

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

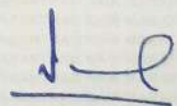
*has been conferred on him/her at Parbhani.*

*In testimony whereof are set the seal of the said University and the  
signature of the Vice-Chancellor.*



Date: 23<sup>rd</sup> January, 2025



  
Prof. Indra Mani  
Vice-Chancellor



# Vasantrao Naik Marathwada Agricultural University, Parbhani

वसंतराव नाईक मराठवाडा कृषि विद्यापीठ, परभणी  
Maharashtra State, India

Serial No. : 235320040

## Transcript Faculty of Agril. Engineering

Name of the Student : **Kompalwar Shrikant Subhashrao**  
Registration No. : **2020AEPB030**  
Degree Programme : **B.Tech.(Agril. Engg.)**  
Institute : **College of Agril. Engg. & Technology, Parbhani**

Year of Admission : 2020  
Year of Leaving : 2024  
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       | 8.7         | 26.1         |
| BS-PHY-111          | Engineering Physics                                     | 2       | 8.2         | 16.4         |
| BS-COMP-111         | Computer Programming and Data Structures                | 2       | 7.9         | 15.8         |
| AS-SS-111           | Principals of Soil Science                              | 2       | 9.0         | 18.0         |
| FMPE-111            | Engineering Drawing                                     | 2       | 7.1         | 14.2         |
| FMPE-112            | Workshop Practice                                       | 1       | 8.8         | 8.8          |
| PFE-111             | Thermodynamics                                          | 2       | 8.0         | 16.0         |
| REE-111             | Engineering Chemistry                                   | 2       | 9.5         | 19.0         |
| FS-111              | Engineering Mechanics                                   | 3       | 8.1         | 24.3         |
| AS-EXTN-111         | Communication Skill & Personality Development           | 2       | 6.0         | 12.0         |
| DEG-111*            | Democracy, Election & Good Governance                   | 1       | 9.0         | PASS         |
| <b>II Semester</b>  |                                                         |         |             |              |
| BS-MATHS-122        | Engineering Mathematics-II                              | 3       | 8.9         | 26.7         |
| BS-COMP-122         | Web Designing and Internet Applications                 | 2       | 8.2         | 16.4         |
| AS-STAT-121         | Statistical Methods in Engineering                      | 2       | 7.8         | 15.6         |
| AS-AGRO-121         | Principles of Agronomy                                  | 2       | 9.3         | 18.6         |
| AS-HORT-121         | Principles of Horticultural Crops and Plant Protection  | 2       | 9.0         | 18.0         |
| FMPE-123            | Workshop Technology                                     | 2       | 8.4         | 16.8         |
| SWCE-121            | Surveying and Leveling                                  | 3       | 8.8         | 26.4         |
| PFE-122             | Heat and Mass Transfer                                  | 2       | 7.1         | 14.2         |
| REE-122             | Electrical Machines and Power Utilization               | 3       | 7.9         | 23.7         |
| FS-122              | Strength of Materials                                   | 2       | 8.4         | 16.8         |
| PHYEDN-121*         | Physical Education                                      | 1       | 9.4         | PASS         |
| NSS-121*            | National Service Scheme                                 | 1       | 8.0         | PASS         |
| <b>III Semester</b> |                                                         |         |             |              |
| BS-MATH-233         | Engineering Mathematics-III                             | 3       | 5.7         | 17.1         |
| FMPE-234            | Farm Power and Automotive Engines                       | 2       | 6.0         | 12.0         |
| FMPE-235            | Theory of Machines                                      | 2       | 7.3         | 14.6         |
| SWCE-232            | Soil Mechanics                                          | 2       | 8.2         | 16.4         |
| SWCE-233            | Watershed Hydrology                                     | 3       | 7.4         | 22.2         |
| IDE-231             | Fluid Mechanics and Open Channel Hydraulics             | 3       | 8.3         | 24.9         |
| PFE-233             | Engineering Properties of Agricultural Produce          | 2       | 6.4         | 12.8         |
| FS-233              | Theory of Structures                                    | 2       | 6.8         | 13.6         |
| AS-EXTN-231         | Entrepreneurship development and Business Communication | 2       | 8.1         | 16.2         |
| EDNT-231            | Educational Tour                                        | 2       | 9.7         | 19.4         |
| <b>IV Semester</b>  |                                                         |         |             |              |
| BS-PHY-242          | Applied Electronics and Instrumentation                 | 2       | 5.1         | 10.2         |
| FMPE-246            | Tractor Systems and Controls                            | 2       | 5.6         | 11.2         |
| FMPE-247            | Machine Design                                          | 2       | 6.8         | 13.6         |
| SWCE-244            | Soil and Water Conservation Engineering                 | 3       | 5.7         | 17.1         |
| IDE-242             | Irrigation Engineering                                  | 3       | 6.1         | 18.3         |

Please see overleaf

| Course Nos.          | Title of the Course                                                      | Credits | Grade Point | Credit Point |
|----------------------|--------------------------------------------------------------------------|---------|-------------|--------------|
| PFE-244              | Post Harvest Engineering of Cereals, Pulses and Oil Seeds                | 3       | 5.7         | 17.1         |
| REE-243              | Fundamentals of Renewable Energy Sources                                 | 3       | 5.7         | 17.1         |
| FS-244               | Building Construction and Cost Estimation                                | 2       | 7.4         | 14.8         |
| GAE-241              | In Plant Training - I                                                    | 5       | 8.6         | 43.0         |
| <b>V Semester</b>    |                                                                          |         |             |              |
| FMPE-358             | Farm Machinery and Equipment-I                                           | 2       | 7.1         | 14.2         |
| FMPE-359             | CAD Applications                                                         | 1       | 6.4         | 6.4          |
| FMPE-3510            | Field Operation and maintenance of Tractor and Farm Machinery            | 1       | 8.0         | 8.0          |
| SWCE-355             | Water Harvesting and Soil Conservation Structures                        | 3       | 7.1         | 21.3         |
| IDE-353              | Groundwater, Wells and Pumps                                             | 3       | 6.7         | 20.1         |
| IDE-354              | Drainage Engineering                                                     | 3       | 7.7         | 23.1         |
| PFE-355              | Dairy and Food Engineering                                               | 3       | 6.7         | 20.1         |
| REE-354              | Renewable Power Sources                                                  | 3       | 5.7         | 17.1         |
| FS-355               | R Agricultural Structures, Storage Engineering and Environmental Control | 3       | 8.1         | 24.3         |
| <b>VI Semester</b>   |                                                                          |         |             |              |
| FMPE-3611            | Farm Machinery and Equipment-II                                          | 2       | 6.6         | 13.2         |
| FMPE-3612            | Tractor & Farm Machinery Design                                          | 3       | 5.9         | 17.7         |
| SWCE-366             | Watershed Planning and Management                                        | 2       | 5.4         | 10.8         |
| IDE-365              | Canal Irrigation Management                                              | 2       | 7.7         | 15.4         |
| IDE-366              | Sprinkler and Micro Irrigation System                                    | 2       | 7.0         | 14.0         |
| PFE-366              | Post Harvest Engineering of Horticultural Crops                          | 2       | 7.0         | 14.0         |
| PFE-367              | R Refrigeration and Air Conditioning                                     | 2       | 6.6         | 13.2         |
| REE-365              | Bio-energy Systems; Design and Applications                              | 3       | 5.9         | 17.7         |
| AS-ESDM-361          | Environmental Science and Disaster Management                            | 3       | 6.0         | 18.0         |
| GAE-362              | In Plant Training - II                                                   | 5       | 8.6         | 43.0         |
| <b>VII Semester</b>  |                                                                          |         |             |              |
| GAE-473/GAE-474      | Industrial Attachment/Experiential Learning                              | 20      | 8.7         | 174.0        |
| <b>VIII Semester</b> |                                                                          |         |             |              |
| ELE-IDE-482          | Geo-Informatics for Land and Water Management                            | 3       | 6.5         | 19.5         |
| ELE-SWCE-481         | Floods and Control Measures                                              | 3       | 6.8         | 20.4         |
| ELE-FS-481           | Greenhouse Structure for Protected Cultivation                           | 3       | 7.1         | 21.3         |
| GAE-485              | Seminar                                                                  | 1       | 7.6         | 7.6          |
| GAE-486              | 12 Weeks Project Planning and Report Writing                             | 10      | 8.7         | 87.0         |

Total Credits Completed : **183**  
 Total Credits Completed by Gradial Course : **180**  
 Total Credits Completed by Non-Gradial Course : **3**  
 Credit Points Obtained ( $\sum$  Credits X GP) : **1356.8**  
 Cumulative Grade Point Average (CGPA) in 10 point Scale : **7.54**  
 Equivalent Percentage of Marks & Class/ Division : **75.40 First Class**

PARBHANI

DATE : 19/08/2024

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





महाराष्ट्र राज्य माध्यमिक व उच्च माध्यमिक शिक्षण मंडळ, पुणे  
Maharashtra State Board Of  
Secondary and Higher Secondary Education, Pune

औरंगाबाद विभागीय मंडळ / AURANGABAD DIVISIONAL BOARD

उच्च माध्यमिक प्रमाणपत्र परीक्षा - गुणपत्रक

HIGHER SECONDARY CERTIFICATE EXAMINATION - STATEMENT OF MARKS

| शाखा<br>STREAM | आसन क्रमांक<br>SEAT NO. | केन्द्र क्रमांक<br>CENTRE NO. | जिल्हा व उच्च.माध्य.शाळा क्रमांक<br>DIST.& HR.SEC.SCHOOL NO. | परीक्षेचा महिना व वर्ष<br>MONTH & YEAR OF EXAM. | गुणपत्रकेचा अनुक्रमांक<br>SR.NO. OF STATEMENT |
|----------------|-------------------------|-------------------------------|--------------------------------------------------------------|-------------------------------------------------|-----------------------------------------------|
| SCIENCE        | R071221                 | 0646                          | 60.03.014                                                    | FEBRUARY-20                                     | 115951                                        |

उमेदवाराचे संपूर्ण नाव (आडनाव प्रथम) / CANDIDATE'S FULL NAME (SURNAME FIRST)

**Kompalwar Shrikant Subhashrao**

उमेदवाराच्या आईचे नाव / CANDIDATE'S MOTHER'S NAME **Savita**

| विषयाचा सांकेतिक क्रमांक व विषयाचे नाव<br>Subject Code No. and Subject Name | *माध्यम<br>Medium | कमाल<br>गुण<br>Max.<br>Marks | प्राप्त गुण / Marks Obtained |                          |
|-----------------------------------------------------------------------------|-------------------|------------------------------|------------------------------|--------------------------|
|                                                                             |                   |                              | अंकात<br>In Figures          | अक्षरात / In Words       |
| 01 ENGLISH                                                                  | ENG               | 100                          | 046                          | FORTYSIX                 |
| 04 HINDI                                                                    | HIN               | 100                          | 077                          | SEVENTYSEVEN             |
| 40 MATHEMATICS & STATISTICS                                                 | ENG               | 100                          | 041                          | FORTYONE                 |
| 54 PHYSICS                                                                  | ENG               | 100                          | 064                          | SIXTYFOUR                |
| 55 CHEMISTRY                                                                | ENG               | 100                          | 060                          | SIXTY                    |
| 56 BIOLOGY                                                                  | ENG               | 100                          | 051                          | FIFTYONE                 |
| 31 ENVIRONMENT EDUCATION                                                    | MAR               | 050                          | 050                          | FIFTY                    |
| 30 HEALTH & PHYSICAL EDUCATION (GRADE)                                      | A                 |                              |                              |                          |
| टक्केवारी / Percentage                                                      | 60.00             | एकूण गुण /<br>Total Marks    | 650                          | 389+1                    |
|                                                                             |                   |                              |                              | THREE HUNDRED AND NINETY |

निकाल / Result **PASS**



**H203115951**

**4 2 1 4 8 2 9 0 1 6 9 7 7**



*Signature*

महत्वाचे, टीप, आरोग्य व शारीरिक शिक्षण विषयातील श्रेणी आणि चिन्हांची माहिती यांचा तपशील मागील पृष्ठावर पहावा.  
See overleaf for Important, Notes, Grades in Health & Physical Education Subject and meaning of special characters.

विभागीय सचिव / Divisional Secretary



महाराष्ट्र राज्य माध्यमिक व उच्च माध्यमिक शिक्षण मंडळ, पुणे  
Maharashtra State Board Of  
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औरंगाबाद विभागीय मंडळ / AURANGABAD DIVISIONAL BOARD

माध्यमिक शालान्त प्रमाणपत्र परीक्षा - गुणपत्रक

SECONDARY SCHOOL CERTIFICATE EXAMINATION - STATEMENT OF MARKS

| आसन क्रमांक<br>SEAT NO. | केंद्र क्रमांक<br>CENTRE NO. | जिल्हा व शाळा क्रमांक<br>DIST. & SCHOOL NO. | परीक्षेचा महिना व वर्ष<br>MONTH & YEAR OF EXAM. | गुणपत्रिकेचा अनुक्रमांक<br>SR. NO. OF STATEMENT |
|-------------------------|------------------------------|---------------------------------------------|-------------------------------------------------|-------------------------------------------------|
| K148394                 | 4004                         | 60.01.003                                   | MARCH-2018                                      | 114378                                          |

उमेदवाराचे संपूर्ण नाव (आडनाव प्रथम) / CANDIDATE'S FULL NAME (SURNAME FIRST)

Kompalwar Shrikant Subhashrao

उमेदवाराच्या आईचे नाव / CANDIDATE'S MOTHER'S NAME

Savita

| विषयाचा सांकेतिक क्रमांक व विषयाचे नाव<br>Subject Code No. and Subject Name | कमाल गुण<br>Max. Marks | प्राप्त गुण किंवा श्रेणी / Marks or Grade Obtained |                              |
|-----------------------------------------------------------------------------|------------------------|----------------------------------------------------|------------------------------|
|                                                                             |                        | अंकात<br>In Figures                                | अक्षरात / In Words           |
| 01 MARATHI (1ST LANG)                                                       | 100                    | 071                                                | SEVENTYONE                   |
| 27 SANSKRIT (2/3 LANG)                                                      | 100                    | 082                                                | EIGHTYTWO                    |
| 17 ENGLISH (2/3 LANG)                                                       | 100                    | 071                                                | SEVENTYONE                   |
| 71 MATHEMATICS                                                              | 100                    | 089                                                | EIGHTYNINE                   |
| 72 SCIENCE & TECHNOLOGY                                                     | 100                    | 071                                                | SEVENTYONE                   |
| 73 SOCIAL SCIENCES                                                          | 100                    | 067                                                | SIXTYSEVEN                   |
| M6 DRAWING & PAINTING                                                       | *                      | A                                                  |                              |
| P1 HEALTH & PHYSICAL EDUCATION                                              | *                      | A                                                  |                              |
| R4 VOCATIONAL GUIDANCE                                                      | *                      | A                                                  |                              |
| R6 PERSONALITY DEVELOPMENT                                                  | *                      | A                                                  |                              |
| 41 INFORMATION COMMUNICATION TEC                                            | *                      | A                                                  |                              |
| टक्केवारी /<br>£ Percentage                                                 | 78.80                  | एकूण गुण /<br>Total Marks                          | 500                          |
|                                                                             |                        |                                                    | \$384+10                     |
|                                                                             |                        |                                                    | THREE HUNDRED AND NINETYFOUR |

Result/निकाल PASS

Additional Marks Category/अतिरिक्त गुण प्रवर्ग FOLK ART

S183114378



महत्वाचे, टीप, कार्यशिक्षण व शालेय विषयातील श्रेणी आणि चिन्हांची माहिती यांचा तपशील मागील पृष्ठावर पहावा.

See overleaf for Important, Notes, Grades in work Education & School Subjects and meaning of special characters.



4210158616606

*Signature*

विभागीय सचिव / Divisional Secretary