

ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಬೆಳಗಾವಿ  
VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM  
KARNATAKA, INDIA



Certifies that

ARUN G

ಬ್ಯಾಚಲರ್ ಆಫ್ ಇಂಜಿನಿಯರಿಂಗ್

ಪದವಿಗೆ ಅಗತ್ಯವಾದ ಅರ್ಹತೆಗಳನ್ನುಳ್ಳವರೆಂದು ಪರಿಗಣಿತವಾಗಿರುವ ಕಾರಣ  
ಮೇಲೆ ಕಾಣಿಸಿದ ಪದವಿಗೆ ಅವರನ್ನು ಅಂಗೀಕರಿಸಲಾಗಿದೆ.

*has been duly admitted to the Degree of*  
**Bachelor of Engineering**  
*in recognition of the fulfilment of requirements*  
*for the said degree*



ಪರೀಕ್ಷಾ ಕ್ರಮ ಸಂಖ್ಯೆ

University Seat Number : 4VV12ME401

ವಿಷಯ

Subject : Mechanical Engineering

ಶ್ರೇಣಿ

Class : First Class

P 17020  
16

ವಿಶ್ವವಿದ್ಯಾಲಯದ ಮುದ್ರೆಯೊಂದಿಗೆ ಕೊಡಲ್ಪಟ್ಟಿದೆ  
Given under the seal of the University

ಬೆಳಗಾವಿ

Belgaum

ದಿನಾಂಕ

Date : MAY 05, 2016

*V. Gid*  
ಕುಲಪತಿ

VICE CHANCELLOR



**ವಿಶ್ವವಿದ್ಯಾರಣ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಬೆಳಗಾವಿ**  
**VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM**

**KARNATAKA, INDIA**  
**STATEMENT OF MARKS**  
 BE Eighth Semester ( Mechanical Engineering )

F<sup>14</sup>  
 0996638

Name of the Student : **ARUN G**  
 Father's / Mother's Name : **GOPINATH B V**  
 Name of the College : **VIDYA VARDHAKA COLLEGE OF ENGINEERING, MYSORE**

Seal No. : **4VV12ME401**

| Sl. No.            | Code   | Subject Title           | Examination Marks |            |            | Internal Assessment Marks |     |          | Total Marks |     |          | Month & Year of Passing |
|--------------------|--------|-------------------------|-------------------|------------|------------|---------------------------|-----|----------|-------------|-----|----------|-------------------------|
|                    |        |                         | Max               | Min        | Obtained   | Max                       | Min | Obtained | Max         | Min | Obtained |                         |
| 1                  | 10ME81 | Operations Management   | 100               | 35         | 52         | 25                        | -   | 23       | 125         | 50  | 75       | Jul 15                  |
| 2                  | 10ME82 | Control Engineering     | 100               | 35         | 66         | 25                        | -   | 20       | 125         | 50  | 86       | Jul 15                  |
| 3                  | 10ME83 | Power Plant Engineering | 100               | 35         | 61         | 25                        | -   | 23       | 125         | 50  | 84       | Jul 15                  |
| 4                  | 10ME84 | Automotive Engineering  | 100               | 35         | 58         | 25                        | -   | 23       | 125         | 50  | 81       | Jul 15                  |
| 5                  | 10ME85 | Project Work            | 100               | 40         | 99         | 100                       | 50  | 96       | 200         | 90  | 195      | Jul 15                  |
| 6                  | 10ME86 | Seminar                 | -                 | -          | -          | 50                        | 20  | 41       | 50          | 20  | 41       | Jul 15                  |
| <b>GRAND TOTAL</b> |        |                         | <b>750</b>        | <b>310</b> | <b>562</b> |                           |     |          |             |     |          |                         |

\*First Attempt Total (in words) : **FIVE HUNDRED AND SIXTY TWO ONLY**

Result of the Semester : **FIRST CLASS WITH DISTINCTION**

Results of V to VIII Semesters :

| Semesters              | V   | VI  | VII | VIII | V TO VIII |
|------------------------|-----|-----|-----|------|-----------|
| Marks at First Attempt | 612 | 560 | 608 | 562  | 2342      |
| Total Marks (Max)      | 900 | 900 | 900 | 750  | 3450      |
| Result                 | FC  | FC  | FC  | FCD  | FC        |

First Attempt Total ( V to VIII Sem) in words : **TWO THOUSAND THREE HUNDRED AND FORTY TWO ONLY**

Result of the Degree : **FIRST CLASS**

Date : **DEC 10, 2015**

\*\* Cleared during Jul 2015 exam

Registrar (Evaluation)



ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಬೆಳಗಾವಿ  
VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI

KARNATAKA, INDIA  
**STATEMENT OF MARKS**  
BE Seventh Semester January 2015  
Mechanical Engineering

J 041847

Name of the Student : ARUN G

Father's / Mother's Name : GOPINATH B V

Name of the College : VIDYA VARDHAKA COLLEGE OF ENGINEERING, MYSORE

Seal No. : 4VW12ME401

| Sl. No.     | Code    | Subject                         | Examination Marks |      |          | Internal Assessment Marks |      | Total Marks |      |          | Subject Result |
|-------------|---------|---------------------------------|-------------------|------|----------|---------------------------|------|-------------|------|----------|----------------|
|             |         |                                 | Max.              | Min. | Obtained | Max.                      | Min. | Max.        | Min. | Obtained |                |
| 1           | 10ME71  | Economics                       | 100               | 35   | 65       | 25                        | -    | 125         | 60   | 86       | Pass           |
| 2           | 10ME72  | Mechanical Vibrations           | 100               | 35   | 45       | 25                        | -    | 125         | 50   | 60       | Pass           |
| 3           | 10ME73  | Hydraulics & Pneumatics         | 100               | 35   | 76       | 25                        | -    | 125         | 50   | 91       | Pass           |
| 4           | 10ME74  | Operations Research             | 100               | 35   | 76       | 25                        | -    | 125         | 50   | 98       | Pass           |
| 5           | 10ME754 | Non Conventional Energy Sources | 100               | 35   | 40       | 25                        | -    | 125         | 50   | 62       | Pass           |
| 6           | 10ME769 | Product Life Cycle Management   | 100               | 35   | 65       | 25                        | -    | 125         | 50   | 77       | Pass           |
| 7           | 10ME77  | Design Lab.                     | 50                | 20   | 38       | 25                        | 12   | 75          | 32   | 60       | Pass           |
| 8           | 10ME78  | CIM & Automation Lab.           | 60                | 20   | 49       | 25                        | 12   | 75          | 32   | 74       | Pass           |
| GRAND TOTAL |         |                                 |                   |      |          |                           |      | 360         | 364  | 608      |                |

Total Marks Obtained (in words) : SIX HUNDRED AND EIGHT ONLY  
Result of the Semester : FIRST CLASS

DATE : APR 11, 2015

A - Absent NE - Not Eligible



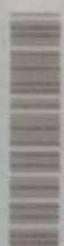
Registrar (Evaluation)



**ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಬೆಳಗಾವಿ**  
**VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM**

**KARNATAKA, INDIA**  
**STATEMENT OF MARKS**  
 BE Sixth Semester July 2014  
 Mechanical Engineering

4533356



Name of the Student : **ARUN G**  
 Father's / Mother's Name : **GOPINATH B V**  
 Name of the College : **VIDYA VARDHAKA COLLEGE OF ENGINEERING, MYSORE**

Seat No. : **4VV12ME401**

| Sl. No.            | Code   | Subject Title                     | Examination Marks |      |          | Internal Assessment Marks |      |          | Total Marks |            |            | Subject Result |
|--------------------|--------|-----------------------------------|-------------------|------|----------|---------------------------|------|----------|-------------|------------|------------|----------------|
|                    |        |                                   | Max.              | Min. | Obtained | Max.                      | Min. | Obtained | Max.        | Min.       | Obtained   |                |
| 1                  | 10ME61 | Computer Integrated Manufacturing | 100               | 35   | 65       | 25                        | -    | 19       | 125         | 50         | 64         | Pass           |
| 2                  | 10ME62 | Design of Machine Elements - II   | 100               | 35   | 41       | 25                        | -    | 21       | 125         | 50         | 62         | Pass           |
| 3                  | 10ME63 | Heat & Mass Transfer              | 100               | 35   | 35       | 25                        | -    | 16       | 125         | 50         | 51         | Pass           |
| 4                  | 10ME64 | Finite Element Methods            | 100               | 35   | 64       | 25                        | -    | 13       | 125         | 50         | 97         | Pass           |
| 5                  | 10ME65 | Mechatronics & Microprocessors    | 100               | 35   | 38       | 25                        | -    | 18       | 125         | 50         | 56         | Pass           |
| 6                  | 10ME66 | Non-Traditional Machining         | 100               | 35   | 66       | 25                        | -    | 23       | 125         | 50         | 89         | Pass           |
| 7                  | 10ME67 | Heat & Mass Transfer Lab.         | 50                | 20   | 39       | 25                        | 12   | 22       | 75          | 32         | 61         | Pass           |
| 8                  | 10ME68 | CAD/CAM Lab.                      | 50                | 20   | 40       | 25                        | -    | 20       | 75          | 32         | 60         | Pass           |
| <b>GRAND TOTAL</b> |        |                                   |                   |      |          |                           |      |          | <b>10</b>   | <b>364</b> | <b>580</b> |                |

Total Marks Obtained (in words) : **FIVE HUNDRED AND SIXTY ONLY**  
 Result of the Semester : **FIRST CLASS**

DATE : **SEP 12, 2014**

A : Absent NE : Not Eligible



Registrar (Evaluation)



**ವಿಶ್ವವಿದ್ಯಾರಣ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಬೆಳಗಾವಿ**  
**VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM**

**KARNATAKA, INDIA**  
**STATEMENT OF MARKS**  
**BE Fifth Semester January 2014**  
**Mechanical Engineering**

14 011082

Name of the Student : **ARUN G**  
 Father's / Mother's Name : **GOPINATH B V**  
 Name of the College : **VIDYA VARDHAKA COLLEGE OF ENGINEERING, MYSORE**

Seat No. : **4VV12ME401**

| Sl. No.            | Code   | Subject Title                   | Examination Marks |      |          | Internal Assessment Marks |      |          | Total Marks |            |            | Subject Result |
|--------------------|--------|---------------------------------|-------------------|------|----------|---------------------------|------|----------|-------------|------------|------------|----------------|
|                    |        |                                 | Max.              | Min. | Obtained | Max.                      | Min. | Obtained | Max.        | Min.       | Obtained   |                |
| 1                  | 10AL51 | Management & Entrepreneurship   | 100               | 35   | 75       | 25                        | -    | 22       | 125         | 50         | 97         | Pass           |
| 2                  | 10ME52 | Design of Machine Elements - I  | 100               | 35   | 56       | 25                        | -    | 22       | 125         | 50         | 77         | Pass           |
| 3                  | 10ME53 | Energy Engineering              | 100               | 35   | 70       | 25                        | -    | 23       | 125         | 50         | 83         | Pass           |
| 4                  | 10ME54 | Dynamics of Machines            | 100               | 35   | 65       | 25                        | -    | 19       | 125         | 50         | 84         | Pass           |
| 5                  | 10ME55 | Manufacturing Process - III     | 100               | 35   | 60       | 25                        | -    | 23       | 125         | 50         | 83         | Pass           |
| 6                  | 10ME56 | Turbo Machines                  | 100               | 35   | 39       | 25                        | -    | 20       | 125         | 50         | 59         | Pass           |
| 7                  | 10ME57 | Fluid Mechanics & Machines Lab. | 50                | 20   | 42       | 25                        | 12   | 24       | 75          | 32         | 68         | Pass           |
| 8                  | 10ME58 | Energy Conversion Engg. Lab.    | 50                | 20   | 30       | 25                        | 12   | 24       | 75          | 32         | 53         | Pass           |
| <b>GRAND TOTAL</b> |        |                                 |                   |      |          |                           |      |          | <b>800</b>  | <b>364</b> | <b>612</b> |                |

Total Marks Obtained (in words) : **SIX HUNDRED AND TWELVE ONLY**  
 Result of the Semester : **FIRST CLASS**

DATE : **MAR 26 2014**

A. Absent N.E. Not Eligible



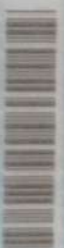
Registrar (Evaluation)



**ವಿಶ್ವವಿದ್ಯಾನಿಲಯ, ಬೆಳಗಾವಿ**  
**VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM**

**KARNATAKA, INDIA**  
**STATEMENT OF MARKS**  
 BE Fourth Semester July 2013  
 Mechanical Engineering

J 442542  
13



Name of the Student : **ARUN G**  
 Father's / Mother's Name : **GOPINATH B V**  
 Name of the College : **VIDYA VARDHAKA COLLEGE OF ENGINEERING, MYSORE**

Seat No. : **4VV12ME401**

| Sl. No.            | Code     | Subject Title                        | Examination Marks |      |          | Internal Assessment Marks |      |          | Total Marks |            |            | Subject Result |
|--------------------|----------|--------------------------------------|-------------------|------|----------|---------------------------|------|----------|-------------|------------|------------|----------------|
|                    |          |                                      | Max.              | Min. | Obtained | Max.                      | Min. | Obtained | Max.        | Min.       | Obtained   |                |
| 1                  | 10MAT41  | Engineering Mathematics - IV         | 100               | 35   | 69       | 25                        | -    | 20       | 125         | 50         | 89         | Pass           |
| 2                  | 10ME42A  | Material Science & Metallurgy        | 100               | 35   | 47       | 25                        | -    | 20       | 125         | 50         | 87         | Pass           |
| 3                  | 10ME43   | Applied Thermodynamics               | 100               | 35   | 53       | 25                        | -    | 20       | 125         | 50         | 73         | Pass           |
| 4                  | 10ME44   | Kinematics of Machines               | 100               | 35   | 39       | 25                        | -    | 22       | 125         | 50         | 61         | Pass           |
| 5                  | 10ME45   | Manufacturing Process - II           | 100               | 35   | 60       | 25                        | -    | 18       | 125         | 50         | 88         | Pass           |
| 6                  | 10ME46A  | Computer Aided Machine Drawing       | 100               | 35   | 35       | 25                        | -    | 22       | 125         | 50         | 57         | Pass           |
| 7                  | 10MEL47A | Metallography & Material Testing Lab | 50                | 20   | 41       | 25                        | 12   | 25       | 75          | 32         | 68         | Pass           |
| 8                  | 10MEL48A | Foundry & Forging lab                | 50                | 20   | 30       | 25                        | 12   | 22       | 75          | 32         | 52         | Pass           |
| <b>GRAND TOTAL</b> |          |                                      |                   |      |          |                           |      |          | <b>900</b>  | <b>364</b> | <b>533</b> |                |

Total Marks Obtained (in words) : **FIVE HUNDRED AND THIRTY THREE ONLY**  
 Result of the Semester : **SECOND CLASS**

DATE : **OCT 04, 2013**

A - Absent NE - Not Eligible



Registrar (Evaluation)

*(Signature)*



**ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಬೆಳಗಾವಿ**  
**VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM**

KARNATAKA, INDIA  
**STATEMENT OF MARKS**  
 BE Third Semester January 2013  
 Mechanical Engineering

13 160642

Name of the Student : **ARUN G**

Father's / Mother's Name : **GOPINATH B V**

Name of the College : **VIDYA VARDHAKA COLLEGE OF ENGINEERING, MYSORE**

Seat No. : **4VV12ME401**

| Sl. No.            | Code     | Subject Title                           | Examination Marks |      |          | Internal Assessment Marks |      |          | Total Marks |            |            | Subject Result |
|--------------------|----------|-----------------------------------------|-------------------|------|----------|---------------------------|------|----------|-------------|------------|------------|----------------|
|                    |          |                                         | Max.              | Min. | Obtained | Max.                      | Min. | Obtained | Max.        | Min.       | Obtained   |                |
| 1                  | 10MAT31  | Engineering Mathematics-III             | 100               | 35   | 40       | 25                        | -    | 19       | 125         | 50         | 68         | Pass           |
| 2                  | 10ME32B  | Mechanical Measurements & Metrology     | 100               | 35   | 42       | 25                        | -    | 18       | 125         | 50         | 58         | Pass           |
| 3                  | 10ME33   | Basic Thermodynamics                    | 100               | 35   | 37       | 25                        | -    | 21       | 125         | 50         | 58         | Pass           |
| 4                  | 10ME34   | Mechanics of Materials                  | 100               | 35   | 35       | 25                        | -    | 18       | 125         | 50         | 51         | Pass           |
| 5                  | 10ME35   | Manufacturing Process - I               | 100               | 35   | 56       | 25                        | -    | 20       | 125         | 50         | 76         | Pass           |
| 6                  | 10ME39B  | Fluid Mechanics                         | 100               | 35   | 51       | 25                        | -    | 15       | 125         | 50         | 66         | Pass           |
| 7                  | 10MEL37B | Mechanical Measurements & Metrology Lab | 50                | 20   | 39       | 25                        | 12   | 24       | 75          | 32         | 63         | Pass           |
| 8                  | 10MEL38B | Machine Shop                            | 50                | 20   | 36       | 25                        | 12   | 25       | 75          | 32         | 61         | Pass           |
| <b>GRAND TOTAL</b> |          |                                         |                   |      |          |                           |      |          | <b>900</b>  | <b>364</b> | <b>501</b> |                |

Total Marks Obtained (in words) : **FIVE HUNDRED AND ONE ONLY**  
 Result of the Semester : **SECOND CLASS**

DATE : **MAY 14, 2013**

A - Absent NE - Not Eligible



**Registrar (Evaluation)**