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Roll No: NPTEL20CS35S1559965  
To  
JYOTI RANJAN SAHOO  
PLOT NO29143, RADHAKRUSHNA NAGAR, NEAR  
GARAGE SQUARE  
BHUBANESWAR  
ODISHA - 751002  
PH. NO :9338581334



No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**JYOTI RANJAN SAHOO**  
for passing the course

**The Joy of Computing using Python**

with Score\* 91 %



*Devendra Jalihal*

**Prof. Devendra Jalihal**  
Chairman  
Centre for Continuing Education, IITM

*Signature*

*Signature*

Jan-Apr 2020  
(12 week course)

**Principal Prof. Andrew Thangaraj**  
Radhakrishna Institute of Technology  
and Engineering, Bhubaneswar  
Coordinator  
IIT Madras



Indian Institute of Technology Madras



\*Continuous online assessment score

To validate and check scores: <https://nptel.ac.in/noc>

# NATIONAL PROGRAMME ON TECHNOLOGY ENHANCED LEARNING

A JOINT VENTURE BY INDIAN INSTITUTES OF TECHNOLOGY & INDIAN INSTITUTE OF SCIENCE



Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that JYOTI RANJAN SAHOO (Email id: jyotiranjana.nptel@gmail.com) had enrolled to the NPTEL course **The Joy of Computing using Python (12 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and maybe used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

| Week 1   | Week 2   | Week 3   | Week 4   | Week 5   | Week 6   | Week 7   | Week 8  | Week 9   | Week 10  | Week 11  | Week 12  |
|----------|----------|----------|----------|----------|----------|----------|---------|----------|----------|----------|----------|
| A1 : 80  | A1 : 100 | A1 : 80  | A1 : 50  | A1 : 50  | A1 : 80  | A1 : 75  | A1 : 70 | A1 : 100 | A1 : 88  | A1 : 100 | A1 : 90  |
| A2 : Nil | A2 : 100 | A2 : NA  | A2 : NA  | A2 : 100 | A2 : 100 | A2 : 100 | A2 : NA | A2 : 100 | A2 : 100 | A2 : NA  | A2 : 100 |
| A3 : Nil | A3 : NA  | A3 : NA  | A3 : 100 | A3 : 100 | A3 : 100 | A3 : 100 | A3 : NA | A3 : 100 | A3 : 100 | A3 : NA  | A3 : 100 |
| A4 : Nil | A4 : NA  | A4 : 100 | A4 : 100 | A4 : 100 | A4 : 100 | A4 : 100 | A4 : NA | A4 : NA  | A4 : 100 | A4 : NA  | A4 : 100 |
| A5 : Nil |          |          |          |          |          |          |         |          |          |          |          |

\*NA- Not Attempted | Nil- No assignment



Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras

Principal  
Radhakrishna Institute of Technology  
and Engineering Studies

# NATIONAL PROGRAMME ON TECHNOLOGY ENHANCED LEARNING

A JOINT VENTURE BY INDIAN INSTITUTES OF TECHNOLOGY & INDIAN INSTITUTE OF SCIENCE



Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that SASMITA SENAPATI (Email id: sasmita.rite@gmail.com) had enrolled to the NPTEL course **Principles of Human Resource Management (8 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and maybe used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

| Week 1  | Week 2  | Week 3   | Week 4  | Week 5   | Week 6   | Week 7   | Week 8  |
|---------|---------|----------|---------|----------|----------|----------|---------|
| A1 : 88 | A1 : 88 | A1 : 100 | A1 : 88 | A1 : 100 | A1 : 100 | A1 : 100 | A1 : 75 |

\*NA- Not Attempted



Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras

Principal  
Radhakrishna Institute of Technology,  
and Engineering, Bhubaneswar

# NATIONAL PROGRAMME ON TECHNOLOGY ENHANCED LEARNING

A JOINT VENTURE BY INDIAN INSTITUTES OF TECHNOLOGY & INDIAN INSTITUTE OF SCIENCE



Date: 17th June 2020

To Whomsoever it may concern

This is to confirm that SURYA NARAYAN BEHERA (Email id: snarayan.behera@gmail.com) had enrolled to the NPTEL course **Fundamentals of combustion for propulsion (8 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and maybe used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

| Week 1  | Week 2  | Week 3  | Week 4  | Week 5  | Week 6  | Week 7  | Week 8  |
|---------|---------|---------|---------|---------|---------|---------|---------|
| A1 : 76 | A1 : 50 | A1 : 45 | A1 : 58 | A1 : NA | A1 : 20 | A1 : NA | A1 : NA |

\*NA- Not Attempted



Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras

Principal  
Radhakrishna Institute of Technology  
and Engineering, Bhubaneswar

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Roll No: NPTEL20MG15S1842134

To  
SASMITA SENAPATI  
PLOT NO M283, PANCHASAKHA NAGAR, NEAR  
H.P GAS GODOWN  
DUMDUMA  
ODISHA - 751019  
PH. NO :9937790438



No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SASMITA SENAPATI**

for passing the course

**Principles of Human Resource Management**

with Score\* **96** %

Covid-19  
impacted  
January 2020  
semester

  
Principal  
Radhakrishna Institute of Technology  
and Engineering, Bhubaneswar: Jan-Mar 2020  
(8 week course)

**A. Goswami**

Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



\*Continuous online assessment score

To validate and check scores: <https://nptel.ac.in/noc>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

Roll No: NPTEL20ME38S1636374  
To  
SURYA NARAYAN BEHERA  
ATJANARDANPUR  
PO-LENDURA  
ODISHA - 754203  
PH. NO :9438437867



No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SURYA NARAYAN BEHERA**

for passing the course

**Fundamentals of Combustion for Propulsion**

with Score\* 42 %



*Devendra Jalihal*

**Prof. Devendra Jalihal**  
Chairman  
Centre for Continuing Education, IITM

*E. S. S.*

**Principal**  
Radhakrishna Institute of Technology  
and Engineering, Bhubaneswar  
Jan-Mar-2020  
(8 week course)

*Andrew Thangaraj*

**Prof. Andrew Thangaraj**  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



\*Continuous online assessment score

To validate and check scores: <https://nptel.ac.in/noc/>