



# RAJIV GANDHI PROUDYOGIKI VISHWAVIDYALAYA

(University of Technology of Madhya Pradesh)

Airport Bypass Road, Gandhi Nagar,

Bhopal- 462033

(As per Ordinance No 4C Bachelor of Technology 4 year Degree course Para 3.4 and 3.5)

List of permitted MOOC'S COURSES along with their credits for B.Tech. students of RGPV.

For the session July – December 2021

## FOR THE STUDENT OF B.TECH. CIVIL ENGG, FIRE TECHNOLOGY & SAFTEY

| S.No. | Course id  | Discipline        | Course Name                                | Duration | RGPV Credit | SME Name                                    | Institute | Course Start Date | Course End Date    | Exa m date         | Click here to Join the Course   |
|-------|------------|-------------------|--|----------|-------------|---|-----------|-------------------|--------------------|--------------------|---|
| 01    | noc21-ce38 | Civil Engineering | Strength Of Materials                      | 12 Weeks | 3           | Prof. Sriman Kumar Bhattacharyya            | IITKGP    | July 26, 2021     | October 15, 2021   | October 24, 2021   | <a href="https://onlinecourses.nptel.ac.in/noc21_ce38/preview">https://onlinecourses.nptel.ac.in/noc21_ce38/preview</a> |
| 02    | noc21-ce40 | Civil Engineering | Design of steel structures                 | 12 Weeks | 3           | Prof. Damodar Maity                         | IITKGP    | July 26, 2021     | October 15, 2021   | October 24, 2021   | <a href="https://onlinecourses.nptel.ac.in/noc21_ce40/preview">https://onlinecourses.nptel.ac.in/noc21_ce40/preview</a> |
| 03    | noc21-ce41 | Civil Engineering | Soil Mechanics/ Geotechnical Engineering I | 12 Weeks | 3           | Prof. Dilip Kumar Baidya                    | IITKGP    | July 26, 2021     | October 15, 2021   | October 24, 2021   | <a href="https://onlinecourses.nptel.ac.in/noc21_ce41/preview">https://onlinecourses.nptel.ac.in/noc21_ce41/preview</a> |
| 04    | noc21-ce43 | Civil Engineering | Reinforced Concrete Road Bridges           | 4 Weeks  | 1           | Prof. Nirjhar Dhang                         | IITKGP    | August 23, 2021   | September 17, 2021 | October 23, 2021   | <a href="https://onlinecourses.nptel.ac.in/noc21_ce43/preview">https://onlinecourses.nptel.ac.in/noc21_ce43/preview</a> |
| 05    | noc21-ce44 | Civil Engineering | Matrix Method of Structural Analysis       | 8 Weeks  | 2           | Prof. Amit Shaw<br>Prof. Biswanath Banerjee | IITKGP    | July 26, 2021     | September 17, 2021 | September 26, 2021 | <a href="https://onlinecourses.nptel.ac.in/noc21_ce44/preview">https://onlinecourses.nptel.ac.in/noc21_ce44/preview</a> |



# RAJIV GANDHI PROUDYOGIKI VISHWAVIDYALAYA

(University of Technology of Madhya Pradesh)

Airport Bypass Road, Gandhi Nagar,

Bhopal- 462033

(As per Ordinance No 4C Bachelor of Technology 4 year Degree course Para 3.4 and 3.5)

**List of permitted MOOC'S COURSES along with their credits for B.Tech. students of RGPV.**

**For the session July – December 2021**

| S.No. | Course id  | Discipline        | Course Name  | Duration | RGPV Credit | SME Name                                      | Institute            | Course Start Date | Course End Date    | Exam date          | Click here to Join the Course   |
|-------|------------|-------------------|--|----------|-------------|---|----------------------|-------------------|--------------------|--------------------|---|
| 06    | noc21-ce47 | Civil Engineering | Sustainable Engineering Concepts and Life Cycle Analysis | 8 Weeks  | 2           | Prof. Brajesh Kumar Dubey                     | IITKGP               | July 26, 2021     | September 17, 2021 | September 26, 2021 | <a href="https://onlinecourses.nptel.ac.in/noc21_ce47/preview">https://onlinecourses.nptel.ac.in/noc21_ce47/preview</a> |
| 07    | noc21-ce48 | Civil Engineering | Water Economics and Governance                           | 12 Weeks | 3           | Prof. Manoj Kumar Tiwari                      | IITKGP               | July 26, 2021     | October 15, 2021   | October 23, 2021   | <a href="https://onlinecourses.nptel.ac.in/noc21_ce48/preview">https://onlinecourses.nptel.ac.in/noc21_ce48/preview</a> |
| 08    | noc21-ce49 | Civil Engineering | Wastewater Treatment and Recycling                       | 12 Weeks | 3           | Prof. Manoj Kumar Tiwari                      | IITKGP               | July 26, 2021     | October 15, 2021   | October 23, 2021   | <a href="https://onlinecourses.nptel.ac.in/noc21_ce49/preview">https://onlinecourses.nptel.ac.in/noc21_ce49/preview</a> |
| 09    | noc21-ce50 | Civil Engineering | Project Planning & Control                               | 8 Weeks  | 2           | Prof. Koshy Varghese                          | IITM                 | July 26, 2021     | September 17, 2021 | September 26, 2021 | <a href="https://onlinecourses.nptel.ac.in/noc21_ce50/preview">https://onlinecourses.nptel.ac.in/noc21_ce50/preview</a> |
| 10    | noc21-ce51 | Civil Engineering | Glass Processing Technology                              | 12 Weeks | 3           | Prof. K N Satyanarayana<br>Prof. E. Rajasekar | IITM & Glass Academy | July 26, 2021     | October 15, 2021   | October 24, 2021   | <a href="https://onlinecourses.nptel.ac.in/noc21_ce51/preview">https://onlinecourses.nptel.ac.in/noc21_ce51/preview</a> |



# RAJIV GANDHI PROUDYOGIKI VISHWAVIDYALAYA

(University of Technology of Madhya Pradesh)

Airport Bypass Road, Gandhi Nagar,

Bhopal- 462033

(As per Ordinance No 4C Bachelor of Technology 4 year Degree course Para 3.4 and 3.5)

**List of permitted MOOC'S COURSES along with their credits for B.Tech. students of RGPV.**

**For the session July – December 2021**

| S.No. | Course id  | Discipline        | Course Name                         | Duration | RGPV Credit | SME Name               | Institute | Course Start Date | Course End Date    | Exam date          | Click here to Join the Course   |
|-------|------------|-------------------|-------------------------------------|----------|-------------|------------------------|-----------|-------------------|--------------------|--------------------|---|
| 11    | noc21-ce53 | Civil Engineering | Mechanics Of Materials              | 12 Weeks | 3           | Prof. Saravanan U      | IITM      | July 26, 2021     | October 15, 2021   | October 23, 2021   | <a href="https://onlinecourses.nptel.ac.in/noc21_ce53/preview">https://onlinecourses.nptel.ac.in/noc21_ce53/preview</a> |
| 12    | noc21-ce54 | Civil Engineering | Geotechnical Engineering Laboratory | 4 Weeks  | 1           | Prof. J. N. Mandal     | IITB      | July 26, 2021     | August 20, 2021    | September 26, 2021 | <a href="https://onlinecourses.nptel.ac.in/noc21_ce54/preview">https://onlinecourses.nptel.ac.in/noc21_ce54/preview</a> |
| 13    | noc21-ce61 | Civil Engineering | Remote Sensing and GIS              | 8 Weeks  | 2           | Prof. Rishikesh Bharti | IITG      | July 26, 2021     | September 17, 2021 | September 26, 2021 | <a href="https://onlinecourses.nptel.ac.in/noc21_ce61/preview">https://onlinecourses.nptel.ac.in/noc21_ce61/preview</a> |
| 14    | noc21-ce64 | Civil Engineering | Dynamics of Structures              | 12 Weeks | 3           | Prof. Manish Kumar     | IITB      | July 26, 2021     | October 15, 2021   | October 23, 2021   | <a href="https://onlinecourses.nptel.ac.in/noc21_ce64/preview">https://onlinecourses.nptel.ac.in/noc21_ce64/preview</a> |
| 15    | noc21-ce69 | Civil Engineering | Municipal Solid Waste Management    | 12 Weeks | 3           | Prof. Ajay Kalamdhad   | IITG      | July 26, 2021     | October 15, 2021   | October 24, 2021   | <a href="https://onlinecourses.nptel.ac.in/noc21_ce69/preview">https://onlinecourses.nptel.ac.in/noc21_ce69/preview</a> |



# RAJIV GANDHI PROUDYOGIKI VISHWAVIDYALAYA

(University of Technology of Madhya Pradesh)

Airport Bypass Road, Gandhi Nagar,

Bhopal- 462033

(As per Ordinance No 4C Bachelor of Technology 4 year Degree course Para 3.4 and 3.5)

**List of permitted MOOC'S COURSES along with their credits for B.Tech. students of RGPV.**

**For the session July – December 2021**

| S.No. | Course id  | Discipline        | Course Name                                | Duration | RGPV Credit | SME Name               | Institute | Course Start Date | Course End Date    | Exam date          | Click here to Join the Course   |
|-------|------------|-------------------|--|----------|-------------|------------------------|-----------|-------------------|--------------------|--------------------|---|
| 16    | noc21-ce73 | Civil Engineering | Earthquake Resistant Design of Foundations | 8 Weeks  | 2           | Prof. B. K. Maheshwari | IITR      | July 26, 2021     | September 17, 2021 | September 26, 2021 | <a href="https://onlinecourses.nptel.ac.in/noc21_ce73/previous">https://onlinecourses.nptel.ac.in/noc21_ce73/previous</a> |



# RAJIV GANDHI PROUDYOGIKI VISHWAVIDYALAYA

(University of Technology of Madhya Pradesh)

Airport Bypass Road, Gandhi Nagar,

Bhopal- 462033

(As per Ordinance No 4C Bachelor of Technology 4 year Degree course Para 3.4 and 3.5)

List of permitted MOOC'S COURSES along with their credits for B.Tech. students of RGPV.

For the session July – December 2021

**FOR THE STUDENT OF B.TECH. COMPUTER SCIENCE & ENGINEERING, INFORMATION TECHNOLOGY, COMPUTER SCIENCE & ENGINEERING-CYBER SECURITY, COMPUTER SCIENCE & ENGINEERING-DATA SCIENCE, COMPUTER SCIENCE & ENGINEERING-INTERNET OF THINGS AND CYBER SECURITY INCLUDING BLOCK CHAIN TECHNOLOGY, COMPUTER SCIENCE & ENGINEERING-IOT, CYBER SECURITY, DATA SCIENCE, 3D ANIMATION & GRAPHICS, ARTIFICIAL INTELLIGENCE, ARTIFICIAL INTELLIGENCE AND DATA SCIENCE, ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING, COMPUTER SCIENCE & BUSINESS SYSTEM, COMPUTER SCIENCE & ENGINEERING -ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING, INTERNET OF THINGS (IOT)**

| S.No. | Course id  | Discipline                       | Course Name                              | Duration | RGPV Credit | SME Name                 | Institute | Course Start Date | Course End Date  | Exam date        | Click here to Join the Course   |
|-------|------------|----------------------------------|--|----------|-------------|--------------------------|-----------|-------------------|------------------|------------------|---|
| 01    | noc21-cs54 | Computer Science and Engineering | Problem solving through Programming In C | 12 Weeks | 3           | Prof. Anupam Basu        | IITKGP    | July 26, 2021     | October 15, 2021 | October 23, 2021 | <a href="https://onlinecourses.nptel.ac.in/noc21_cs54/preview">https://onlinecourses.nptel.ac.in/noc21_cs54/preview</a> |
| 02    | noc21-cs56 | Computer Science and Engineering | Programming in Java                      | 12 Weeks | 3           | Prof. Debasis Samanta    | IITKGP    | July 26, 2021     | October 15, 2021 | October 23, 2021 | <a href="https://onlinecourses.nptel.ac.in/noc21_cs56/preview">https://onlinecourses.nptel.ac.in/noc21_cs56/preview</a> |
| 03    | noc21-cs62 | Computer Science and Engineering | Cloud computing                          | 8 Weeks  | 2           | Prof. Soumya Kanti Ghosh | IITKGP    | August 23, 2021   | October 15, 2021 | October 23, 2021 | <a href="https://onlinecourses.nptel.ac.in/noc21_cs62/preview">https://onlinecourses.nptel.ac.in/noc21_cs62/preview</a> |



# RAJIV GANDHI PROUDYOGIKI VISHWAVIDYALAYA

(University of Technology of Madhya Pradesh)

Airport Bypass Road, Gandhi Nagar,

Bhopal- 462033

(As per Ordinance No 4C Bachelor of Technology 4 year Degree course Para 3.4 and 3.5)

**List of permitted MOOC'S COURSES along with their credits for B.Tech. students of RGPV.**

**For the session July – December 2021**

| S.No. | Course id  | Discipline                       | Course Name   | Duration | RGPV Credit | SME Name   | Institute | Course Start Date | Course End Date     | Exa m date          | Click here to Join the Course   |
|-------|------------|----------------------------------|---|----------|-------------|--|-----------|-------------------|---------------------|---------------------|---|
| 04    | noc21-cs67 | Computer Science and Engineering | Programmi ng, Data Structures And Algorithms Using Python | 8 Weeks  | 2           | Prof. Madhavan Mukund                                  | CMI       | July 26, 2021     | Septem ber 17, 2021 | Septe mber 26, 2021 | <a href="https://onlinecourses.nptel.ac.in/noc21_cs67/preview">https://onlinecourses.nptel.ac.in/noc21_cs67/preview</a> |
| 05    | noc21-cs69 | Computer Science and Engineering | Data Science for Engineers                                | 8 Weeks  | 2           | Prof. Ragunathan Rengasamy<br>Prof. Shankar Narasimhan | IITM      | July 26, 2021     | Septem ber 17, 2021 | Septe mber 26, 2021 | <a href="https://onlinecourses.nptel.ac.in/noc21_cs69/preview">https://onlinecourses.nptel.ac.in/noc21_cs69/preview</a> |
| 06    | noc21-cs70 | Computer Science and Engineering | Introductio n to Machine Learning - IITM                  | 12 Weeks | 3           | Prof. Balaraman Ravindran                              | IITM      | July 26, 2021     | Octobe r 15, 2021   | Octo ber 24, 2021   | <a href="https://onlinecourses.nptel.ac.in/noc21_cs70/preview">https://onlinecourses.nptel.ac.in/noc21_cs70/preview</a> |
| 07    | noc21-cs74 | Computer Science and Engineering | Social Networks   | 12 Weeks | 3           | Prof. Sudarshan Iyengar                                | IIT Ropar | July 26, 2021     | Octobe r 15, 2021   | Octo ber 23, 2021   | <a href="https://onlinecourses.nptel.ac.in/noc21_cs74/preview">https://onlinecourses.nptel.ac.in/noc21_cs74/preview</a> |
| 08    | noc21-cs76 | Computer Science and Engineering | Deep learning - IITRopar                                  | 12 Weeks | 3           | Prof. Sudarshan Iyengar<br>Prof. Padmavati             | IIT Ropar | July 26, 2021     | Octobe r 15, 2021   | Octo ber 23, 2021   | <a href="https://onlinecourses.nptel.ac.in/noc21_cs76/preview">https://onlinecourses.nptel.ac.in/noc21_cs76/preview</a> |



# RAJIV GANDHI PROUDYOGIKI VISHWAVIDYALAYA

(University of Technology of Madhya Pradesh)

Airport Bypass Road, Gandhi Nagar,

Bhopal- 462033

(As per Ordinance No 4C Bachelor of Technology 4 year Degree course Para 3.4 and 3.5)

**List of permitted MOOC'S COURSES along with their credits for B.Tech. students of RGPV.**

**For the session July – December 2021**

| S.No. | Course id  | Discipline                       | Course Name  | Duration | RGPV Credit | SME Name                   | Institute | Course Start Date | Course End Date    | Exa m date         | Click here to Join the Course   |
|-------|------------|----------------------------------|--|----------|-------------|----------------------------|-----------|-------------------|--------------------|--------------------|---|
| 09    | noc21-cs78 | Computer Science and Engineering | Python for Data Science                                      | 4 Weeks  | 1           | Prof. Ragunathan Rengasamy | IITM      | July 26, 2021     | August 20, 2021    | September 26, 2021 | <a href="https://onlinecourses.nptel.ac.in/noc21_cs78/preview">https://onlinecourses.nptel.ac.in/noc21_cs78/preview</a> |
| 10    | noc21-cs79 | Computer Science and Engineering | Artificial Intelligence Search Methods For Problem Solving   | 12 Weeks | 3           | Prof. Deepak Khemani       | IITM      | July 26, 2021     | October 15, 2021   | October 23, 2021   | <a href="https://onlinecourses.nptel.ac.in/noc21_cs79/preview">https://onlinecourses.nptel.ac.in/noc21_cs79/preview</a> |
| 11    | noc21-cs82 | Computer Science and Engineering | Multi-Core Computer Architecture – Storage and Interconnects | 8 Weeks  | 2           | Prof. John Jose            | IITG      | August 23, 2021   | October 15, 2021   | October 23, 2021   | <a href="https://onlinecourses.nptel.ac.in/noc21_cs82/preview">https://onlinecourses.nptel.ac.in/noc21_cs82/preview</a> |
| 12    | noc21-cs85 | Computer Science and Engineering | Introduction to Machine Learning - IITKGP                    | 8 Weeks  | 2           | Prof. Sudeshna Sarkar      | IITKGP    | July 26, 2021     | September 17, 2021 | September 26, 2021 | <a href="https://onlinecourses.nptel.ac.in/noc21_cs85/preview">https://onlinecourses.nptel.ac.in/noc21_cs85/preview</a> |



**RAJIV GANDHI PROUDYOGIKI VISHWAVIDYALAYA**  
(University of Technology of Madhya Pradesh)  
**Airport Bypass Road, Gandhi Nagar,**  
**Bhopal- 462033**

(As per Ordinance No 4C Bachelor of Technology 4 year Degree course Para 3.4 and 3.5)  
**List of permitted MOOC'S COURSES along with their credits for B.Tech. students of RGPV.**  
**For the session July – December 2021**

| S.No. | Course id  | Discipline                       | Course Name                             | Duration | RGPV Credit | SME Name   | Institute     | Course Start Date | Course End Date  | Exam date          | Click here to Join the Course   |
|-------|------------|----------------------------------|---|----------|-------------|--|---------------|-------------------|------------------|--------------------|---|
| 13    | noc21-cs89 | Computer Science and Engineering | Introduction to algorithms and analysis | 12 Weeks | 3           | Prof. Sourav Mukhopadhyay                        | IITKGP        | July 26, 2021     | October 15, 2021 | October 23, 2021   | <a href="https://onlinecourses.nptel.ac.in/noc21_cs89/preview">https://onlinecourses.nptel.ac.in/noc21_cs89/preview</a> |
| 14    | noc21-cs91 | Computer Science and Engineering | Secure Computation: Part I              | 12 Weeks | 3           | Prof. Ashish Choudhury                           | IITB          | July 26, 2021     | October 15, 2021 | October 24, 2021   | <a href="https://onlinecourses.nptel.ac.in/noc21_cs91/preview">https://onlinecourses.nptel.ac.in/noc21_cs91/preview</a> |
| 15    | noc21-cs93 | Computer Science and Engineering | Deep Learning for Computer Vision       | 12 Weeks | 3           | Prof. Vineeth N Balasubramanian                  | IIT Hyderabad | July 26, 2021     | October 15, 2021 | October 24, 2021   | <a href="https://onlinecourses.nptel.ac.in/noc21_cs93/preview">https://onlinecourses.nptel.ac.in/noc21_cs93/preview</a> |
| 16    | noc21-cs94 | Computer Science and Engineering | Demystifying Networking                 | 4 Weeks  | 1           | Prof. Sridhar Iyer                               | IITB          | July 26, 2021     | August 20, 2021  | September 26, 2021 | <a href="https://onlinecourses.nptel.ac.in/noc21_cs94/preview">https://onlinecourses.nptel.ac.in/noc21_cs94/preview</a> |
| 17    | noc21-cs98 | Computer Science and Engineering | Real-Time Systems                       | 12 Weeks | 3           | Prof. Rajib Mall<br>Prof. Durga Prasad Mohapatra | IITKGP        | July 26, 2021     | October 15, 2021 | October 24, 2021   | <a href="https://onlinecourses.nptel.ac.in/noc21_cs98/preview">https://onlinecourses.nptel.ac.in/noc21_cs98/preview</a> |





# RAJIV GANDHI PROUDYOGIKI VISHWAVIDYALAYA

(University of Technology of Madhya Pradesh)

Airport Bypass Road, Gandhi Nagar,

Bhopal- 462033

(As per Ordinance No 4C Bachelor of Technology 4 year Degree course Para 3.4 and 3.5)

**List of permitted MOOC'S COURSES along with their credits for B.Tech. students of RGPV.**

**For the session July – December 2021**

| S.No. | Course id   | Discipline                       | Course Name   | Duration | RGPV Credit | SME Name   | Institute    | Course Start Date | Course End Date    | Exam date        | Click here to Join the Course   |
|-------|-------------|----------------------------------|---|----------|-------------|--|--------------|-------------------|--------------------|------------------|---|
| 18    | noc21-cs101 | Computer Science and Engineering | Computer Vision   | 12 Weeks | 3           | Prof. Jayanta Mukhopadhyay   | IITKGP       | July 26, 2021     | October 15, 2021   | October 23, 2021 | <a href="https://onlinecourses.nptel.ac.in/noc21_cs101/preview">https://onlinecourses.nptel.ac.in/noc21_cs101/preview</a> |
| 19    | noc21-cs103 | Computer Science and Engineering | Introduction to Quantum Computing : Quantum Algorithms and Qiskit | 4 weeks  | 1           | Prof. Prabha Mandayam<br>Prof. Anupama Ray<br>Prof. Sheshashayee Raghunathan | IBM and IITM | August 23, 2021   | September 17, 2021 | October 23, 2021 | <a href="https://onlinecourses.nptel.ac.in/noc21_cs103/preview">https://onlinecourses.nptel.ac.in/noc21_cs103/preview</a> |



# RAJIV GANDHI PROUDYOGIKI VISHWAVIDYALAYA

(University of Technology of Madhya Pradesh)

Airport Bypass Road, Gandhi Nagar,

Bhopal- 462033

(As per Ordinance No 4C Bachelor of Technology 4 year Degree course Para 3.4 and 3.5)

List of permitted MOOC'S COURSES along with their credits for B.Tech. students of RGPV.

For the session July – December 2021

**FOR THE STUDENT OF B.TECH. ELECTRICAL ENGINEERING, ELECTRONICS AND COMMUNICATION,  
ELECTRONICS & INSTRUMENTATION, ELECTRONICS ENGINEERING, ELECTRICAL AND ELECTRONICS  
ENGINEERING, BIOMEDICAL**

| S.No. | Course id  | Discipline                             | Course Name  | Duration | RGPV Credit | SME Name                      | Institute | Course Start Date | Course End Date  | Exam date        | Click here to Join the Course   |
|-------|------------|--|--|----------|-------------|-------------------------------|-----------|-------------------|------------------|------------------|---|
| 01    | noc21-ee60 | Electrical and Electronics Engineering | Fabrication Techniques for MEMS-based sensors : clinical perspective | 12 Weeks | 3           | Prof. Hardik Jeetendra Pandya | IISc      | July 26, 2021     | October 15, 2021 | October 24, 2021 | <a href="https://onlinecourses.nptel.ac.in/noc21_ee60/preview">https://onlinecourses.nptel.ac.in/noc21_ee60/preview</a> |
| 02    | noc21-ee61 | Electrical and Electronics Engineering | Op-Amp Practical Applications: Design, Simulation and Implementation | 12 Weeks | 3           | Prof. Hardik Jeetendra Pandya | IISc      | July 26, 2021     | October 15, 2021 | October 24, 2021 | <a href="https://onlinecourses.nptel.ac.in/noc21_ee61/preview">https://onlinecourses.nptel.ac.in/noc21_ee61/preview</a> |
| 03    | noc21-ee62 | Electrical and Electronics Engineering | Design of photovoltaic systems                                       | 12 Weeks | 3           | Prof. L Umanand               | IISc      | July 26, 2021     | October 15, 2021 | October 24, 2021 | <a href="https://onlinecourses.nptel.ac.in/noc21_ee62/preview">https://onlinecourses.nptel.ac.in/noc21_ee62/preview</a> |



# RAJIV GANDHI PROUDYOGIKI VISHWAVIDYALAYA

(University of Technology of Madhya Pradesh)

Airport Bypass Road, Gandhi Nagar,

Bhopal- 462033

(As per Ordinance No 4C Bachelor of Technology 4 year Degree course Para 3.4 and 3.5)

**List of permitted MOOC'S COURSES along with their credits for B.Tech. students of RGPV.**

**For the session July – December 2021**

| S.No. | Course id  | Discipline                             | Course Name   | Duration | RGPV Credit | SME Name                    | Institute | Course Start Date | Course End Date    | Exam date          | Click here to Join the Course   |
|-------|------------|--|---|----------|-------------|-----------------------------|-----------|-------------------|--------------------|--------------------|---|
| 04    | noc21-ee63 | Electrical and Electronics Engineering | Advances in UHV Transmission and Distribution                 | 8 Weeks  | 2           | Prof. Subbba Reddy          | IISc      | July 26, 2021     | September 17, 2021 | September 26, 2021 | <a href="https://onlinecourses.nptel.ac.in/noc21_ee63/preview">https://onlinecourses.nptel.ac.in/noc21_ee63/preview</a> |
| 06    | noc21-ee64 | Electrical and Electronics Engineering | Principles of Modern CDMA/ MIMO/ OFDM Wireless Communications | 8 Weeks  | 2           | Prof. Aditya K. Jagannatham | IITK      | August 23, 2021   | October 15, 2021   | October 24, 2021   | <a href="https://onlinecourses.nptel.ac.in/noc21_ee64/preview">https://onlinecourses.nptel.ac.in/noc21_ee64/preview</a> |
| 07    | noc21-ee65 | Electrical and Electronics Engineering | Principles of Communication Systems: Part - II                | 8 Weeks  | 2           | Prof. Aditya K. Jagannatham | IITK      | July 26, 2021     | September 17, 2021 | September 26, 2021 | <a href="https://onlinecourses.nptel.ac.in/noc21_ee65/preview">https://onlinecourses.nptel.ac.in/noc21_ee65/preview</a> |
| 08    | noc21-ee67 | Electrical and Electronics Engineering | Control engineering   | 12 Weeks | 3           | Prof. Ramkrishna Pasumarthy | IITM      | July 26, 2021     | October 15, 2021   | October 24, 2021   | <a href="https://onlinecourses.nptel.ac.in/noc21_ee67/preview">https://onlinecourses.nptel.ac.in/noc21_ee67/preview</a> |



# RAJIV GANDHI PROUDYOGIKI VISHWAVIDYALAYA

(University of Technology of Madhya Pradesh)

Airport Bypass Road, Gandhi Nagar,

Bhopal- 462033

(As per Ordinance No 4C Bachelor of Technology 4 year Degree course Para 3.4 and 3.5)

**List of permitted MOOC'S COURSES along with their credits for B.Tech. students of RGPV.**

**For the session July – December 2021**

| S.No. | Course id  | Discipline                             | Course Name                     | Duration | RGPV Credit | SME Name                       | Institute | Course Start Date | Course End Date  | Exam date        | Click here to Join the Course   |
|-------|------------|--|---------------------------------|----------|-------------|--------------------------------|-----------|-------------------|------------------|------------------|---|
| 09    | noc21-ee71 | Electrical and Electronics Engineering | Electrical Machines - I         | 12 Weeks | 3           | Prof. Tapas Kumar Bhattacharya | IITKGP    | July 26, 2021     | October 15, 2021 | October 24, 2021 | <a href="https://onlinecourses.nptel.ac.in/noc21_ee71/preview">https://onlinecourses.nptel.ac.in/noc21_ee71/preview</a> |
| 10    | noc21-ee72 | Electrical and Electronics Engineering | Microwave Theory and Techniques | 12 Weeks | 3           | Prof. Girish Kumar             | IITB      | July 26, 2021     | October 15, 2021 | October 24, 2021 | <a href="https://onlinecourses.nptel.ac.in/noc21_ee72/preview">https://onlinecourses.nptel.ac.in/noc21_ee72/preview</a> |
| 11    | noc21-ee74 | Electrical and Electronics Engineering | Analog communication            | 12 Weeks | 3           | Prof. Goutam Das               | IITKGP    | July 26, 2021     | October 15, 2021 | October 23, 2021 | <a href="https://onlinecourses.nptel.ac.in/noc21_ee74/preview">https://onlinecourses.nptel.ac.in/noc21_ee74/preview</a> |
| 12    | noc21-ee75 | Electrical and Electronics Engineering | Digital Circuits                | 12 Weeks | 3           | Prof. Santanu Chattopadhyay    | IITKGP    | July 26, 2021     | October 15, 2021 | October 23, 2021 | <a href="https://onlinecourses.nptel.ac.in/noc21_ee75/preview">https://onlinecourses.nptel.ac.in/noc21_ee75/preview</a> |
| 13    | noc21-ee77 | Electrical and Electronics Engineering | Power system analysis           | 12 Weeks | 3           | Prof. Debapriya Das            | IITKGP    | July 26, 2021     | October 15, 2021 | October 24, 2021 | <a href="https://onlinecourses.nptel.ac.in/noc21_ee77/preview">https://onlinecourses.nptel.ac.in/noc21_ee77/preview</a> |
| 14    | noc21-ee78 | Electrical and Electronics Engineering | Digital Image Processing        | 12 Weeks | 3           | Prof. Prabir Kumar Biswas      | IITKGP    | July 26, 2021     | October 15, 2021 | October 23, 2021 | <a href="https://onlinecourses.nptel.ac.in/noc21_ee78/preview">https://onlinecourses.nptel.ac.in/noc21_ee78/preview</a> |



# RAJIV GANDHI PROUDYOGIKI VISHWAVIDYALAYA

(University of Technology of Madhya Pradesh)

Airport Bypass Road, Gandhi Nagar,

Bhopal- 462033

(As per Ordinance No 4C Bachelor of Technology 4 year Degree course Para 3.4 and 3.5)

**List of permitted MOOC'S COURSES along with their credits for B.Tech. students of RGPV.**

**For the session July – December 2021**

| S.No. | Course id  | Discipline                             | Course Name                            | Duration | RGPV Credit | SME Name                  | Institute | Course Start Date | Course End Date  | Exam date        | Click here to Join the Course   |
|-------|------------|--|--|----------|-------------|---------------------------|-----------|-------------------|------------------|------------------|---|
| 15    | noc21-ee79 | Electrical and Electronics Engineering | Pattern Recognition and Application    | 12 Weeks | 3           | Prof. Prabir Kumar Biswas | IITKGP    | July 26, 2021     | October 15, 2021 | October 23, 2021 | <a href="https://onlinecourses.nptel.ac.in/noc21_ee79/preview">https://onlinecourses.nptel.ac.in/noc21_ee79/preview</a> |
| 16    | noc21-ee80 | Electrical and Electronics Engineering | Semiconductor Devices and Circuits     | 12 Weeks | 3           | Prof. Sanjiv Sambandan    | IISc      | July 26, 2021     | October 15, 2021 | October 23, 2021 | <a href="https://onlinecourses.nptel.ac.in/noc21_ee80/preview">https://onlinecourses.nptel.ac.in/noc21_ee80/preview</a> |
| 17    | noc21-ee81 | Electrical and Electronics Engineering | Optical Engineering                    | 12 Weeks | 3           | Prof. Shanti Bhattacharya | IITM      | July 26, 2021     | October 15, 2021 | October 24, 2021 | <a href="https://onlinecourses.nptel.ac.in/noc21_ee81/preview">https://onlinecourses.nptel.ac.in/noc21_ee81/preview</a> |
| 18    | noc21-ee82 | Electrical and Electronics Engineering | Applied Electromagnetics For Engineers | 12 Weeks | 3           | Prof. Pradeep Kumar       | IITK      | July 26, 2021     | October 15, 2021 | October 24, 2021 | <a href="https://onlinecourses.nptel.ac.in/noc21_ee82/preview">https://onlinecourses.nptel.ac.in/noc21_ee82/preview</a> |
| 19    | noc21-ee83 | Electrical and Electronics Engineering | Electromagnetic Theory                 | 12 Weeks | 3           | Prof. Pradeep Kumar       | IITK      | July 26, 2021     | October 15, 2021 | October 23, 2021 | <a href="https://onlinecourses.nptel.ac.in/noc21_ee83/preview">https://onlinecourses.nptel.ac.in/noc21_ee83/preview</a> |



# RAJIV GANDHI PROUDYOGIKI VISHWAVIDYALAYA

(University of Technology of Madhya Pradesh)

Airport Bypass Road, Gandhi Nagar,

Bhopal- 462033

(As per Ordinance No 4C Bachelor of Technology 4 year Degree course Para 3.4 and 3.5)

**List of permitted MOOC'S COURSES along with their credits for B.Tech. students of RGPV.**

**For the session July – December 2021**

| S.No. | Course id  | Discipline                             | Course Name                               | Duration | RGPV Credit | SME Name                     | Institute | Course Start Date | Course End Date  | Exam date        | Click here to Join the Course   |
|-------|------------|--|---|----------|-------------|------------------------------|-----------|-------------------|------------------|------------------|---|
| 20    | noc21-ee86 | Electrical and Electronics Engineering | Microelectronics: Devices To Circuits     | 12 Weeks | 3           | Prof. Sudeb Dasgupta         | IITR      | July 26, 2021     | October 15, 2021 | October 24, 2021 | <a href="https://onlinecourses.nptel.ac.in/noc21_ee86/preview">https://onlinecourses.nptel.ac.in/noc21_ee86/preview</a> |
| 21    | noc21-ee87 | Electrical and Electronics Engineering | Introduction to Photonics                 | 12 Weeks | 3           | Prof. Balaji Srinivasan      | IITM      | July 26, 2021     | October 15, 2021 | October 23, 2021 | <a href="https://onlinecourses.nptel.ac.in/noc21_ee87/preview">https://onlinecourses.nptel.ac.in/noc21_ee87/preview</a> |
| 22    | noc21-ee88 | Electrical and Electronics Engineering | Microwave Engineering                     | 12 Weeks | 3           | Prof. Ratnajit Bhattacharjee | IITG      | July 26, 2021     | October 15, 2021 | October 24, 2021 | <a href="https://onlinecourses.nptel.ac.in/noc21_ee88/preview">https://onlinecourses.nptel.ac.in/noc21_ee88/preview</a> |
| 23    | noc21-ee89 | Electrical and Electronics Engineering | Analog Electronic Circuits                | 12 Weeks | 3           | Prof. Shouribrata chatterjee | IITD      | July 26, 2021     | October 15, 2021 | October 24, 2021 | <a href="https://onlinecourses.nptel.ac.in/noc21_ee89/preview">https://onlinecourses.nptel.ac.in/noc21_ee89/preview</a> |
| 24    | noc21-ee90 | Electrical and Electronics Engineering | Enclosure design of electronics equipment | 12 Weeks | 3           | Prof. N. V Chalapathi Rao    | IISc      | July 26, 2021     | October 15, 2021 | October 24, 2021 | <a href="https://onlinecourses.nptel.ac.in/noc21_ee90/preview">https://onlinecourses.nptel.ac.in/noc21_ee90/preview</a> |
| 25    | noc21-ee94 | Electrical and Electronics Engineering | Digital Switching - I                     | 8 Weeks  | 2           | Prof. Y. N. Singh            | IITK      | August 23, 2021   | October 15, 2021 | October 23, 2021 | <a href="https://onlinecourses.nptel.ac.in/noc21_ee94/preview">https://onlinecourses.nptel.ac.in/noc21_ee94/preview</a> |



# RAJIV GANDHI PROUDYOGIKI VISHWAVIDYALAYA

(University of Technology of Madhya Pradesh)

Airport Bypass Road, Gandhi Nagar,

Bhopal- 462033

(As per Ordinance No 4C Bachelor of Technology 4 year Degree course Para 3.4 and 3.5)

**List of permitted MOOC'S COURSES along with their credits for B.Tech. students of RGPV.**

**For the session July – December 2021**

| S.No. | Course id  | Discipline                             | Course Name  | Duration | RGPV Credit | SME Name  | Institute            | Course Start Date | Course End Date    | Exam date          | Click here to Join the Course   |
|-------|------------|--|--|----------|-------------|---|----------------------|-------------------|--------------------|--------------------|---|
| 26    | noc21-ee95 | Electrical and Electronics Engineering | Basics of software defined Radios and Practical Applications | 4 Weeks  | 1           | Prof. Meenakshi Rawat                                     | IITR                 | July 26, 2021     | August 20, 2021    | September 26, 2021 | <a href="https://onlinecourses.nptel.ac.in/noc21_ee95/preview">https://onlinecourses.nptel.ac.in/noc21_ee95/preview</a> |
| 27    | noc21-ee97 | Electrical and Electronics Engineering | System Design Through VERILOG                                | 8 Weeks  | 2           | Prof. Shaik Rafi Ahamed                                   | IITG                 | July 26, 2021     | September 17, 2021 | September 26, 2021 | <a href="https://onlinecourses.nptel.ac.in/noc21_ee97/preview">https://onlinecourses.nptel.ac.in/noc21_ee97/preview</a> |
| 28    | noc21-ee98 | Electrical and Electronics Engineering | Integrated Photonics Devices and Circuits                    | 12 Weeks | 3           | Prof. Bijoy Krishna Das                                   | IITM                 | July 26, 2021     | October 15, 2021   | October 24, 2021   | <a href="https://onlinecourses.nptel.ac.in/noc21_ee98/preview">https://onlinecourses.nptel.ac.in/noc21_ee98/preview</a> |
| 29    | noc21-ee99 | Electrical and Electronics Engineering | Basic Electrical Circuits                                    | 12 Weeks | 3           | Prof. Gajendranath Chowdary( Prof. Nagendra Krishnapura ) | IIT Hyderabad (IITM) | July 26, 2021     | October 15, 2021   | October 23, 2021   | <a href="https://onlinecourses.nptel.ac.in/noc21_ee99/preview">https://onlinecourses.nptel.ac.in/noc21_ee99/preview</a> |
| 30    | noc21-ee59 | Electrical and Electronics             | Introduction to Semicondu                                    | 12 Weeks | 3           | Prof. Naresh Kumar Emani                                  | IIT Hyderabad        | July 26, 2021     | October 15, 2021   | October 24, 2021   | <a href="https://onlinecourses.nptel.ac.in/noc21_ee59/preview">https://onlinecourses.nptel.ac.in/noc21_ee59/preview</a> |



# RAJIV GANDHI PROUDYOGIKI VISHWAVIDYALAYA

(University of Technology of Madhya Pradesh)

Airport Bypass Road, Gandhi Nagar,

Bhopal- 462033

(As per Ordinance No 4C Bachelor of Technology 4 year Degree course Para 3.4 and 3.5)

**List of permitted MOOC'S COURSES along with their credits for B.Tech. students of RGPV.**

**For the session July – December 2021**

| S.No. | Course id   | Discipline                             | Course Name   | Duration | RGPV Credit | SME Name                    | Institute | Course Start Date | Course End Date  | Exam date        | Click here to Join the Course   |
|-------|-------------|--|---|----------|-------------|-----------------------------|-----------|-------------------|------------------|------------------|---|
|       |             | Engineering                            | ctor Devices  |          |             |                             |           |                   |                  | 2021             |   |
| 31    | noc21-ee100 | Electrical and Electronics Engineering | Image Signal Processing                                     | 12 Weeks | 3           | Prof. A. N. Rajagopalan     | IITM      | July 26, 2021     | October 15, 2021 | October 24, 2021 | <a href="https://onlinecourses.nptel.ac.in/noc21_ee100/preview">https://onlinecourses.nptel.ac.in/noc21_ee100/preview</a> |
| 32    | noc21-ee105 | Electrical and Electronics Engineering | Mathematical Aspects of Biomedical Electronic System Design | 12 Weeks | 3           | Prof. Chandramani Singh     | IISc      | July 26, 2021     | October 15, 2021 | October 23, 2021 | <a href="https://onlinecourses.nptel.ac.in/noc21_ee105/preview">https://onlinecourses.nptel.ac.in/noc21_ee105/preview</a> |
| 33    | noc21-ee107 | Electrical and Electronics Engineering | Electrical Measurement and Electronic Instruments           | 12 Weeks | 3           | Prof. Avishek Chatterjee    | IITKGP    | July 26, 2021     | October 15, 2021 | October 23, 2021 | <a href="https://onlinecourses.nptel.ac.in/noc21_ee107/preview">https://onlinecourses.nptel.ac.in/noc21_ee107/preview</a> |
| 34    | noc21-ee108 | Electrical and Electronics Engineering | Principles and Techniques of Modern                         | 12 Weeks | 3           | Prof. Amitabha Bhattacharya | IITKGP    | July 26, 2021     | October 15, 2021 | October 23, 2021 | <a href="https://onlinecourses.nptel.ac.in/noc21_ee108/preview">https://onlinecourses.nptel.ac.in/noc21_ee108/preview</a> |





**RAJIV GANDHI PROUDYOGIKI VISHWAVIDYALAYA**  
(University of Technology of Madhya Pradesh)  
**Airport Bypass Road, Gandhi Nagar,**  
**Bhopal- 462033**

(As per Ordinance No 4C Bachelor of Technology 4 year Degree course Para 3.4 and 3.5)  
**List of permitted MOOC'S COURSES along with their credits for B.Tech. students of RGPV.**  
**For the session July – December 2021**

| S.No. | Course id   | Discipline                             | Course Name   | Duration | RGPV Credit | SME Name  | Institute | Course Start Date | Course End Date  | Exam date        | Click here to Join the Course   |
|-------|-------------|--|---|----------|-------------|---|-----------|-------------------|------------------|------------------|---|
|       |             |  | Radar Systems   |          |             |   |           |                   |                  |                  |   |
| 35    | noc21-ee111 | Electrical and Electronics Engineering | Advanced Microwave Guided-Structures and Analysis         | 12 Weeks | 3           | Prof. Bratin Ghosh  | IITKGP    | July 26, 2021     | October 15, 2021 | October 24, 2021 | <a href="https://onlinecourses.nptel.ac.in/noc21_ee111/preview">https://onlinecourses.nptel.ac.in/noc21_ee111/preview</a> |
| 36    | noc21-ee112 | Electrical and Electronics Engineering | Fundamentals of Electric vehicles: Technology & Economics | 12 Weeks | 3           | Prof. Ashok Jhunjunwala<br>Prof. Prabhjot Kaur<br>Prof. Kaushal Kumar Jha<br>Prof. L Kannan | IITM      | July 26, 2021     | October 15, 2021 | October 24, 2021 | <a href="https://onlinecourses.nptel.ac.in/noc21_ee112/preview">https://onlinecourses.nptel.ac.in/noc21_ee112/preview</a> |
| 37    | noc21-ee113 | Electrical and Electronics Engineering | Linear Systems Theory                                     | 12 Weeks | 3           | Prof. Ramkrishna Pasumarthy   | IITM      | July 26, 2021     | October 15, 2021 | October 23, 2021 | <a href="https://onlinecourses.nptel.ac.in/noc21_ee113/preview">https://onlinecourses.nptel.ac.in/noc21_ee113/preview</a> |



# RAJIV GANDHI PROUDYOGIKI VISHWAVIDYALAYA

(University of Technology of Madhya Pradesh)

Airport Bypass Road, Gandhi Nagar,

Bhopal- 462033

(As per Ordinance No 4C Bachelor of Technology 4 year Degree course Para 3.4 and 3.5)

List of permitted MOOC'S COURSES along with their credits for B.Tech. students of RGPV.

For the session July – December 2021

**FOR THE STUDENT OF B.TECH. MECHANICAL ENGINEERING, INDUSTRIAL & PRODUCTION ENGINEERING, AUTOMOBILE ENGINEERING, MINING ENGINEERING, ROBOTICS AND MECHATRONICS, AUTOMATION AND ROBOTICS, MINING AND MINERAL PROCESSING**

| S.No. | Course id  | Discipline             | Course Name                                  | Duration | RGPV Credit | SME Name              | Institute | Course Start Date | Course End Date    | Exam date          | Click here to Join the Course   |
|-------|------------|------------------------|--|----------|-------------|-----------------------|-----------|-------------------|--------------------|--------------------|---|
| 01    | noc21-me76 | Mechanical Engineering | Robotics                                     | 8 Weeks  | 2           | Prof. DK Pratihar     | IITKGP    | July 26, 2021     | September 17, 2021 | September 26, 2021 | <a href="https://onlinecourses.nptel.ac.in/noc21_me76/preview">https://onlinecourses.nptel.ac.in/noc21_me76/preview</a> |
| 02    | noc21-me77 | Mechanical Engineering | Foundation of Computational Fluid Dynamics   | 8 Weeks  | 2           | Prof. Vengadesan      | IITM      | July 26, 2021     | September 17, 2021 | September 26, 2021 | <a href="https://onlinecourses.nptel.ac.in/noc21_me77/preview">https://onlinecourses.nptel.ac.in/noc21_me77/preview</a> |
| 03    | noc21-me78 | Mechanical Engineering | Advances in welding and joining technologies | 8 Weeks  | 2           | Prof. Swarup Bag      | IITG      | July 26, 2021     | September 17, 2021 | September 26, 2021 | <a href="https://onlinecourses.nptel.ac.in/noc21_me78/preview">https://onlinecourses.nptel.ac.in/noc21_me78/preview</a> |
| 04    | noc21-me84 | Mechanical Engineering | Work System Design                           | 12 Weeks | 3           | Prof. Inderdeep Singh | IITR      | July 26, 2021     | October 15, 2021   | October 24, 2021   | <a href="https://onlinecourses.nptel.ac.in/noc21_me84/preview">https://onlinecourses.nptel.ac.in/noc21_me84/preview</a> |



# RAJIV GANDHI PROUDYOGIKI VISHWAVIDYALAYA

(University of Technology of Madhya Pradesh)

Airport Bypass Road, Gandhi Nagar,

Bhopal- 462033

(As per Ordinance No 4C Bachelor of Technology 4 year Degree course Para 3.4 and 3.5)

**List of permitted MOOC'S COURSES along with their credits for B.Tech. students of RGPV.**

**For the session July – December 2021**

| S.No. | Course id   | Discipline             | Course Name  | Duration | RGPV Credit | SME Name                                  | Institute | Course Start Date | Course End Date    | Exam date          | Click here to Join the Course   |
|-------|-------------|------------------------|--|----------|-------------|---|-----------|-------------------|--------------------|--------------------|---|
| 05    | noc21-me89  | Mechanical Engineering | Advanced Machining Processes   | 8 Weeks  | 2           | Prof. Manas Das                           | IITG      | August 23, 2021   | October 15, 2021   | October 24, 2021   | <a href="https://onlinecourses.nptel.ac.in/noc21_me89/preview">https://onlinecourses.nptel.ac.in/noc21_me89/preview</a>   |
| 06    | noc21-me90  | Mechanical Engineering | Elements of metal cutting, Machine tools, gear cutting and CNC machining | 12 Weeks | 3           | Prof. Asimava Roy Choudhury               | IITKGP    | July 26, 2021     | October 15, 2021   | October 23, 2021   | <a href="https://onlinecourses.nptel.ac.in/noc21_me90/preview">https://onlinecourses.nptel.ac.in/noc21_me90/preview</a>   |
| 07    | noc21-me104 | Mechanical Engineering | Rapid Manufacturing  | 12 Weeks | 3           | Prof. J. Ramkumar<br>Prof. Amandeep Singh | IITK      | July 26, 2021     | October 15, 2021   | October 23, 2021   | <a href="https://onlinecourses.nptel.ac.in/noc21_me104/preview">https://onlinecourses.nptel.ac.in/noc21_me104/preview</a> |
| 08    | noc21-me109 | Mechanical Engineering | Basics Of Finite Element Analysis - I                                    | 8 Weeks  | 2           | Prof. Nachiketa Tiwari                    | IITK      | July 26, 2021     | September 17, 2021 | September 26, 2021 | <a href="https://onlinecourses.nptel.ac.in/noc21_me109/preview">https://onlinecourses.nptel.ac.in/noc21_me109/preview</a> |
| 09    | noc21-me120 | Mechanical Engineering | Automation in Manufacturing  | 12 Weeks | 3           | Prof. Shrikrishna N. Joshi                | IITG      | July 26, 2021     | October 15, 2021   | October 24, 2021   | <a href="https://onlinecourses.nptel.ac.in/noc21_me120/preview">https://onlinecourses.nptel.ac.in/noc21_me120/preview</a> |



# RAJIV GANDHI PROUDYOGIKI VISHWAVIDYALAYA

(University of Technology of Madhya Pradesh)

Airport Bypass Road, Gandhi Nagar,

Bhopal- 462033

(As per Ordinance No 4C Bachelor of Technology 4 year Degree course Para 3.4 and 3.5)

**List of permitted MOOC'S COURSES along with their credits for B.Tech. students of RGPV.**

**For the session July – December 2021**

| S.No. | Course id   | Discipline   | Course Name                                       | Duration              | RGPV Credit | SME Name                | Institute    | Course Start Date | Course End Date  | Exam date          | Click here to Join the Course   |
|-------|-------------|--|---|-----------------------|-------------|-------------------------|--------------|-------------------|------------------|--------------------|---|
| 10    | noc21-me129 | Mechanical Engineering, Electronics and Electrical Engineering | Design of Mechatronic Systems                     | 12 Weeks              | 3           | Prof. Prasanna Gandhi   | IITB         | July 26, 2021     | October 15, 2021 | October 23, 2021   | <a href="https://onlinecourses.nptel.ac.in/noc21_me129/preview">https://onlinecourses.nptel.ac.in/noc21_me129/preview</a> |
| 11    | noc21-me108 | Mechanical Engineering   | Mechanics and Control of Robotic Manipulators     | 8 Weeks               | 2           | Prof. Santhakumar Mohan | IIT Palakkad | August 23, 2021   | October 15, 2021 | October 23, 2021   | <a href="https://onlinecourses.nptel.ac.in/noc21_me108/preview">https://onlinecourses.nptel.ac.in/noc21_me108/preview</a> |
| 12    | noc21-me83  | Mechanical Engineering   | Product Design and Development                    | 4 Weeks               | 1           | Prof. Inderdeep Singh   | IITR         | July 26, 2021     | August 20, 2021  | September 26, 2021 | <a href="https://onlinecourses.nptel.ac.in/noc21_me83/preview">https://onlinecourses.nptel.ac.in/noc21_me83/preview</a>   |
| 13    | noc21-me79  | Mechanical Engineering   | Principle of Hydraulic Machines and System Design | 8 Weeks + 4 Weeks new | 3           | Prof. Pranab K. Mondal  | IITG         | July 26, 2021     | October 15, 2021 | October 24, 2021   | <a href="https://onlinecourses.nptel.ac.in/noc21_me79/preview">https://onlinecourses.nptel.ac.in/noc21_me79/preview</a>   |
| 14    | noc21-me110 | Mechanical Engineering   | Introduction To Composites                        | 12 Weeks              | 3           | Prof. Nachiketa Tiwari  | IITK         | July 26, 2021     | October 15, 2021 | October 24, 2021   | <a href="https://onlinecourses.nptel.ac.in/noc21_me110/preview">https://onlinecourses.nptel.ac.in/noc21_me110/preview</a> |



# RAJIV GANDHI PROUDYOGIKI VISHWAVIDYALAYA

(University of Technology of Madhya Pradesh)

Airport Bypass Road, Gandhi Nagar,

Bhopal- 462033

(As per Ordinance No 4C Bachelor of Technology 4 year Degree course Para 3.4 and 3.5)

**List of permitted MOOC'S COURSES along with their credits for B.Tech. students of RGPV.**

**For the session July – December 2021**

| S.No. | Course id  | Discipline             | Course Name                     | Duration | RGPV Credit | SME Name                  | Institute | Course Start Date | Course End Date  | Exam date        | Click here to Join the Course   |
|-------|------------|------------------------|---------------------------------|----------|-------------|---------------------------|-----------|-------------------|------------------|------------------|---|
|       |            |                        |                                 |          |             |                           |           |                   |                  | 2021             |   |
| 15    | noc21-me95 | Mechanical Engineering | Aircraft Propulsion             | 12 Weeks | 3           | Prof. Vinayak N. Kulkarni | IITG      | July 26, 2021     | October 15, 2021 | October 24, 2021 | <a href="https://onlinecourses.nptel.ac.in/noc21_me95/preview">https://onlinecourses.nptel.ac.in/noc21_me95/preview</a> |
| 16    | noc21-ge26 | Multidisciplinary      | Numerical Methods for Engineers | 12 Weeks | 3           | Prof. Niket Kaisare       | IITM      | July 26, 2021     | October 15, 2021 | October 23, 2021 | <a href="https://onlinecourses.nptel.ac.in/noc21_ge26/preview">https://onlinecourses.nptel.ac.in/noc21_ge26/preview</a> |