

Dr. Ram Jiwari Associate Professor

भारतीय प्रौद्योगिकी संस्थान रुइकी

गणित विभाग

रुड़की - २४७ ६६७, उत्तराखंड, भारत

INDIAN INSTITUTE OF TECHNOLOGY ROORKEE DEPARTMENT OF MATHEMATICS

ROORKEE - 247 667, UTTARAKHAND, INDIA Phone: +91-1332-284820 (O), +91-8191957249 (M)

Fax :+91-1332-273560; E-mail: ram.jiwari@ma.iitr.ac.in

Date: 06-07-2023

To whom it may concern

It is certified that Dr. Keshav Walia, faculty member of Physics Department DAV University has provided e- contents of "Fiber optics" to our students during the session 2022-23. These e-contents were really helpful for our students. We are really thankful to Dr. Keshav Walia for his support in providing e-contents.

(Ram Jiwari)

ATTESTED



1

*

मान्यवर काशोराम राजकीय महाविद्यालय

सर्वेशक नजर, नन्छ्यम, जाजियाचाद (७०३०)

Manyavar Kanshiram Government Degree College

Saddeeq Nagar, Nandgram, Ghaziabad



Dated: 05/07/2023

To whom it may concern

It is certified that Dr. Keshav Walia, faculty member of Physics Department D.A.V. University has provided e- contents of "Electromagnetics" to our Under Graduate students during the session 2022-23. These e-contents were really helpful for our students. We are really thankful to Dr. Keshav Walia for his support in providing e-contents. I wish him for his great carrer and future ahead.

Wholing

H.O.D. Department of Physics, Manyavar Kanshiuram Government Degree College

Nandgram, Ghaziabad.

(PhD IITD, Raman Fellow and Visiting scientist PPPL, Princeton University, USA I-STEM www istem gov in, a Prime minister office Initiative. Past SENATE member IIT Delhi. Coordinator -NEEV www.neevin.org a Social Educational Initiative of IIT Alumni, Ex- Joint Secretary and Treasurer HTD Alumni Association, Alumni BRICS YSF)

मा कांशीसम राजकीय महाविद्यालय सद्योक्तमार चन्द्रशान, गावियादाद

ATTESTED



*

मान्यवर कांशीराम शजकीय महाविद्यालय

सर्वीक नगर, मन्ह्यास, माज्याबाद (स्०प्र०)

Coulty Halter Education for All

Manyavar Kanshiram Government Degree College:

Saddeeq Nagar, Nandgram, Ghaziabad

Clean Comput Cover Compute Planta World For Compu



Dated: 05/07/2022

To whom it may concern

It is certified that Dr. Sandeep Kumar, faculty member of Physics Department D.A.V. University has provided e- contents of "Nuclear Physics" to our Under Graduate students during the session 2022-23. These e-contents were really helpful for our students. We are really thankful to Dr. Sandeep Kumar for his support in providing e-contents. I wish him for his great carrier and future ahead.

Dr. Updesh Verma

H.O.D. Department of Physics, Manyavar Kanshiuram Government Degree College Nandgram, Ghaziabad.

(PhD HTD). Raman Fellow and Visiting scientist PPPI, Princeton University, USA

Reg. Rep. 1-STEM www.istem.gov.m. a Prime minister office Initiative, Past SENATE member IIT Delhi, Coordinator -NEEV www.neevut.org a Social Educational Initiative of IIT Ahmmi, Ex-Joint Secretary and Treasurer IITD Ahmmi Association, Ahmmi BRICS YSF)

ATTESTED

DAV University, Jalandhar



मान्यवर कांशीराम शजकीय महाविद्यालय

सब्बीक नगर, नन्द्रग्राम, गाज्यिताव (७०५०)

Dooksy Higher Education for All

Manyavar Kanshiram Government Degree College

Saddeeq Nagar, Handgram, Ghaziabad

Clean Campia Green Campus Flants Works feet Campus



Dated: 05/07/2022

To whom it may concern

It is certified that Dr. Sandeep Kumar, faculty member of Physics Department D.A.V. University has provided e- contents of "Nuclear Physics" to our Under Graduate students during the session 2022-23. These e-contents were really helpful for our students. We are really thankful to Dr. Sandeep Kumar for his support in providing e-contents. I wish him for his great carrier and future ahead.

Dr. Updesh Verma

H.O.D. Department of Physics, Manyavar Kanshiuram Government Degree College

Nandgram, Ghaziabad. (PhD IITD), Raman Fellow and Visiting scientist PPPL, Princeton University, USA I-STEM www.istem.gov.in. a Prime minister office Initiative, Past SENATE member HT Delhi, Coordinator -NEEV www. neevest org a Social Educational Initiative of HT Alumni, Ex- Joint Secretary and Treasurer IITD Alumni Association, Alumni BRICS YSF)



मान्यवर कांशीराम राजकीय महाविद्यालय

सद्वीक नगर, नन्त्रग्राम, गाणियाबाद (उ०५०)

Quality Higher Education for All

Manyavar Kanshiram Government Degree College Saddeeq Nagar, Nandgram, Ghaziabad

Clean Campus, Green Campus, Plantic Waste free Campus, green agricultura, quiet con guiet unione.



Dated: 04/07/2022

To whom it may concern

It is certified that Dr. Keshav Walia, faculty member of Physics Department D.A.V. University has provided e- contents of "Quantum Mechanics" to our Under Graduate students during the session 2021-22. These e-contents were really helpful for our students. We are really thankful to Dr. Keshav Walia for his support in providing e-contents. I wish him for his great carrier and future ahead.

Dr. Updesh Verma

H.O.D. Department of Physics, Manyavar Kanshiuram Government Degree College Nandgram, Ghaziabad.

(PhD IITD, Raman Fellow and Visiting scientist PPPL, Princeton University, USA Reg. Rep. I-STEM www.tstcm.gov.in. a Prime minister office Initiative, Past SENATE member IIT Delhi, Coordinator -NEEV www.necviit.org a Social Educational Initiative of IIT Ahmni, Ex-Joint Secretary and Treasurer IITD Ahmni Association, Ahmni BRICS YSF)

मात कृष्णितम राजकांम महाविद्यालय सद्देशकनम्प चन्दग्राम्, गाजियाबाद

Melish

ATTESTED



*

मान्यवर काशीराम राजकीय महाविद्यालय

सर्वदीक संगर, जन्तन्त्राम, नाजियाबाद (उ०५०)

Manyavar Kanshiram Government Degree College

Saddeeq Nagar, Nandgram, Ghaziabad

Chang Canyon County ungood Chade Waste fee Canyon Sin and a fait him, with an emily of the



Dated: 04/07/2022

To whom it may concern

It is certified that Dr. Keshav Walia, faculty member of Physics Department D.A.V University has provided e- contents of "Mechanics and Special Theory of Relativity" to our Under Graduate students during the session 2021-22. These e-contents were really helpful for our students. We are really thankful to Dr. Keshav Walia for his support in providing econtents. I wish him for his great carrier and future ahead.

Dr. Updesh Verma

H.O.D. Department of Physics. Manyavar Kanshiuram Government Degree College

Nandgram, Ghaziabad.

(PhD HTD). Raman Fellow and Visiting scientist PPPL. Princeton University, USA I-STEM www.tstem.gov.in, a Prime minister office Initiative, Past SENATE member IIT Delhi. Coordinator -NEEP www necviit org a Social Educational Initiative of IIT Alumni, Ex- Joint Secretary and Treasurer IITD Alumni Association, Alumni BRICS YSF)

त्रसारीतरूपका कलागुल्य न्त्रतिस्थानाम्

ATTESTED



Dr. Ram Jiwari Associate Professor

भारतीय प्रोद्योगिकी संस्थान रुड़की

गणित विभाग

रुड़की - २४७ ६६७, उत्तराखंड, भारत

INDIAN INSTITUTE OF TECHNOLOGY ROORKEE DEPARTMENT OF MATHEMATICS

ROORKEE - 247 667, UTTARAKHAND, INDIA Phone : +91-1332-284820 (O), +91-8191957249 (M)

Fax: : +91-1332-273560; E-mail: ram.jlwari@ma.iitr.ac.in

Date: 05-07-2022

To whom it may concern

It is certified that Dr. Keshav Walia, faculty member of Physics Department DAV University has provided e- contents of "Dislocations theory and Josephson Physics" to our lab students during the session 2021-22. These e-contents were really helpful for our students. We are really thankful to Dr. Keshav Walia for his support in providing e-contents.

(Ram Jiwari)

ATTESTED



मान्यवर कांश्रीशम शजकीय महाविद्यालय

सब्दीक नजरू, बन्द्रजाम, जानियाबाद (उ०५०)

Manyavar Kanshiram Government Degree College

Saddeeq Nagar, Nandgram, Ghaziabad

Chean Campina. Green Campina. Plantic Waste from Campina. Apr. spinit g. kpt. spin., taket. apr. spinit: tatisfin.

Dated: 04/07/2021

To whom it may concern

It is certified that Dr. Keshav Walia, faculty member of Physics Department D.A.V. University has provided e- contents of "Basics of Thermodynamics" to our Under Graduate students during the session 2020-21. These e-contents were really helpful for our students. We are really thankful to Dr. Keshav Walia for his support in providing e-contents. I wish him for his great carrier and future ahead

Dr. Updesh Verma

H.O.D. Department of Physics, Manyavar Kanshiuram Government Degree College

Nandgram. Ghaziahad.

(PhD IITD, Raman Fellow and Visiting scientist PPPL, Princeton University, USA Reg. Rep. - I-STEM www.istem.gov.in, a Prime minister office Initiative. Past SENATE. member IIT Delhi, Coordinator -NEEV www.necviit.org a Social Educational Initiative of IIT Alumni, Ex-Joint Secretary and Treasurer IITD Alumni Association, Alumni BRICS YSF)

सद्दीकनगर नन्दग्राम, गाजियाबाद



*

मान्यवर कांश्रीशम शजकीय महाविद्यालय

सर्वीक हजर, बल्डग्रह, जाडिबाबाद (८०५०)

Particular State of the St.

Manyavar Kanshiram Government Degree College

Saddeed Nagar, Nandgram, Ghaziabad Georgeography Parts Wala for Carps



Dated: 06/07/2021

To whom it may concern

It is certified that Dr. Praveen Kumar, faculty member of Physics Department D.A.V., University has provided e- contents of "Digital Electronics" to our Under Graduate students during the session 2020-21. These e-contents were really helpful for our students. We are really thankful to Dr. Praveen Kumar for his support in providing e-contents. I wish him for his great carrier and future ahead.

Dr. Updesh Verma

H.O.D. Department of Physics, Manyavar Kanshiuram Government Degree College Nandgram, Ghaziabad.

(PhD IITD). Raman Fellow and Visiting scientist PPPL, Princeton University, USA
Reg. Rep. 1-STEM www.isicm.gov.in, a Prime minister office Initiative, Past SENATE
member IIT Delhi, Coordinator -NEEV www.iscovin.org a Social Educational Initiative of IIT
Alumni, Ex-Joint Secretary and Treasurer IITD Alumni Association, Alumni BRICS YSF)

ATTESTED



मान्यवर कांशीराम राजकीय महाविद्यालय

सब्वीक कार, वन्वग्राम, गाजियायाद (उ०५०)

Quality Higher Education for Ell

Manyavar Kanshiram Government Degree College

Saddeeq Nagar, Nandgram, Ghaziabad

Clean Compas Consectionpus Placts White feel Compas Grand nite (1.7), his out publicated.



Dated: 05/07/2021

To whom it may concern

It is certified that Dr. Ashish Sharma, faculty member of Biotechnology Department D.A.V. University has provided e- contents of "Introductory Biology" to our Under Graduate students during the session 2020-21. These e-contents were really helpful for our students. We are really thankful to Dr. Ashish Sharma for his support in providing e-contents. I wish him for his great carrier and future ahead

Dr. Updesh Verma

H.O.D. Department of Physics, Manyavar Kanshinram Government Degree College Nandgram, Ghaziabad.

(PhD) HTD), Raman Fellow and Visiting scientist PPPL, Princeton University, USA I-STEM www.istem.gov.m. a Prime minister office Initiative. Past SENATE member IIT Delhi. Coordinator -NEEV www necessit org a Social Educational Institutive of IIT Alumni, Ex-Joint Secretary and Treasurer IITD Alumni Association, Alumni BRICS YSF)

Registrar

of Municersity, Jalandhar



मान्यवर कांशीराम राजकीय महाविद्यालय

सर्वीक संगर, मन्ड्यम, माजियाबाद (स्ट्रिप)

The same of the same time to

Manyavar Kanshiram Government Degree College

Saddeeq Nagar, Nandgrass, Gharlabad Crantangus Crantangus Franc Visita Fra Cempis spin anny air ani, airir sa gash saran



Dated: 06/07/2021

To whom it may concern

It is certified that Dr. Praveen Kumar, faculty member of Physics Department D.A.V. University has provided e- contents of "Digital Electronics" to our Under Graduate students during the session 2020-21. These e-contents were really helpful for our students. We are really thankful to Dr. Praveen Kumar for his support in providing e-contents. I wish him for his great carrier and future ahead.

Dr. Updesh Verma

H.O.D. Department of Physics, Manyavar Kanshiuram Government Degree College Nandgram, Ghaziahad.

(PhD HTD, Raman Fellow and Visiting scientist PPPL, Princeton University, USA Reg. Rep. 1-STEM www.istem.gov.m. a Prime minister office Initiative, Past SENATE member HT Delhi, Coordinator -NEEV www.neevin.org a Social Educational Initiative of HT Alumni, Ex-Joint Secretary and Treasurer HTD Alumni Association, Alumni BRICS YSF)

ATTESTED



राष्ट्रीय प्रौधोगिकी संस्थान श्रीनगर IATIONAL INSTITUTE OF TECHNOLOGY SRINAGAR

Hazratbal, Kashmir (J&K)-190006

NO. NIT/PHY/2021/324

Dated 12/04/21

TO WHOM IT MAY CONCERN

It is certified that Dr. Keshav Walia, the Physics Department faculty member at DAV University, has provided content on "Optics" to our students during the 2021-22 session. These e-contents were helpful for our students. We thank Dr. Keshav Walia for your support in providing e-content.

Dr. Vijay Kumar

Assistant Professorijay Kumar Department of Physical Professor भेतिकी विभाग / Department of Physics राष्ट्रीय प्रोद्योगिकी संस्थान श्रीनगर National Institute of Technology Srinag हजरतबल 190006 / Hazratbal-1900

ATTESTED



Dr. Ram Jiwari Associate Professor

भारतीय प्रौद्योगिकी संस्थान रुड़की

गणित विभाग

रुड़की - २४७ ६६७, उत्तराखंड, भारत

INDIAN INSTITUTE OF TECHNOLOGY ROORKEE DEPARTMENT OF MATHEMATICS

ROORKEE - 247 667, UTTARAKHAND, INDIA

Phone: +91-1332-284820 (O), +91-8191957249 (M)

Fax : +91-1332-273560; E-mail: ram.jlwari@ma.iitr.ac.in

Date: 06-07-2021

To whom it may concern

It is certified that Dr. Keshav Walia, faculty member of Physics Department DAV University has provided e- contents of "MATLAB Simulations" to our research students during the session 2020-21. These e-contents were really helpful for our students. We are really thankful to Dr Keshav Walia for his support in providing e-contents.

With regards

(Ram Jiwari)

ATTESTED

Registrar

AV University, Jalandhar



1

मान्यवर कांशीराम राजकीय महाविद्यालय

सब्बीक नगर, नन्छग्रात, गाज़ियाबाद (उ०५०)

Quality Higher Educations for All

Manyavar Kanshiram Government Degree College

Saddeeq Nagar, Nandgram, Ghaziahad

Clean Campus, Green Campus, Modic Waste Bris Campus, (2): 4557 (2): 1277, 1277 (2): 12797.

Dated: 04/07/2020

To whom it may concern

It is certified that Dr. Praveen Guleria, faculty member of Biotechnology Department D.A.V. University has provided e- contents of "Bio-Physics" to our Under Graduate students during the session 2019-20. These e-contents were really helpful for our students. We are really thankful to Dr. Praveen Guleria for his support in providing e-contents. I wish him for his great carrier and future ahead.

Dr. Updesh Verma

H.O.D. Department of Physics. Manyavar Kanshiuram Government Degree College

Nandgram, Ghaziahad.

(PhD HTD, Raman Fellow and Visiting scientist PPPL, Princeton University, USA Reg. Rep. - I-STEM www.istem.gov.in. a Prime minister office Initiative. Past SENATE member IIT Delhi. Coordinator -NEEV www.neeviit org a Social Educational Initiative of IIT Alumni, Ex- Joint Secretary and Treasurer IITD Alumni Association, Alumni BRICS YSF)

Registrar

DAV University, Jalandhar



मान्यवर कांशीराम शजकीय महाविद्यालय

सब्दीक बनर, वन्द्रजाम, भाजियाबाद (७०५०)

Quality Higher Educations for All

Manyavar Kanshiram Government Degree College

Saddeeq Nagar, Nandgram, Ghaziabad

Chean Compan. Green Company Plante Weste fees Company By 1827 (1971), with 1822 (1994) 1974 1.

Dated: 04/07/2020

To whom it may concern

It is certified that Dr. Keshav Walia, faculty member of Physics Department D.A.V. University has provided e- contents of "Programming with FORTRAN" to our Under Graduate students during the session 2019-20. These e-contents were really helpful for our students. We are really thankful to Dr. Keshav Walia for his support in providing e-contents. I wish him for his great carrier and future ahead.

Dr. Updesh Verma

H.O.D. Department of Physics, Manyavar Kanshijiram Government Degree College Nandgram, Ghaziabad.

किन्यर गो

(PhD IITD, Raman Fellow and Visiting scientist PPPL, Princeton University, USA
Reg. Rep. 1-STEM www.istem.gov.in, a Prime minister office Initiative, Past SENATE member IIT Delhi, Coordinator -NEEV www.necvin.org a Social Educational Initiative of IIT.
Alumni, Ex-Joint Secretary and Treasurer IITD Alumni Association, Alumni BRICS YSF)

ATTESTED

Registrar

DAV University, Jalandhar

SHAHEED UDHAM SINGH GOVT. COLLEGE

MATAK MAJRI-INDRI – 132041 DISTT. KARNAL (HR.)

E-mail: susgcmm@gmail.com, www.gcmatakmajri.com

Dated: 13/07/2020

To Whom it may concern

This is to formally certify that Dr. Rekha Gaba, a faculty member in the Department of Chemistry at DAV University, provided comprehensive e-content on "Physical Chemistry" for our students during the 2020-21 academic session. These e-resources, which included detailed explanations, interactive modules, and practical examples, significantly enhanced the learning experience and academic performance of our students. The quality and relevance of the content greatly contributed to a deeper understanding of the subject.

We deeply appreciate Dr. Rekha Gaba's dedication and effort in developing and sharing these valuable resources. Her support has been instrumental in advancing our educational objectives, and we are sincerely grateful for her contribution.

be Bullabasingh of Chemistry.

HOD Department of Ohemistry in



राष्ट्रीय प्रौधोगिकी संस्थान श्रीनगर NATIONAL INSTITUTE OF TECHNOLOGY SRINAGAR

Hazratbal, Kashmir (J&K)-190006

No. NIT/P+17/2020/104

Dated 15/02/20

TO WHOM IT MAY CONCERN

It is certified that Dr. Keshav Walia, faculty member of the Physics Department at DAV University, has provided contents of "Magnetostatics" to our students during the session 2020-21. These e-contents were really helpful for our students. We are thankful to Dr Keshav Walia for his support in providing e-contents.

Dr. Vijay Kumar

Assistant Professor हे निजय कुमार / Dr. Department of Physics of Professor भीतिक विभाग / Department of Physics

भीतकी विभाग/Department of Fnysics राष्ट्रीय प्रीद्योगिकी संस्थान श्रीनगर National Institute of Technology Srinagar हजतवल-190006 / Hazratbal-190006 जम्मु और कंप्पीय अपन्य USIK India

ATTESTED



राष्ट्रीय प्रौधोगिकी संस्थान श्रीनगर NATIONAL INSTITUTE OF TECHNOLOGY SRINAGAR

Hazratbal, Kashmir (J&K)-190006

NO. NIT/PHY/2019/703A

Dated 93/93/19

TO WHOM IT MAY CONCERN

It is certified that Dr. Munish Aggarwal, a faculty member of the Physics Department of DAV University, provided the contents of "Quantum Physics" to our students during the 2019-20 session. These e-contents were really helpful for our students. We are thankful to Dr Munish Aggarwal for his support in providing e-contents.

A इंडोडिंगार पिर्टिड Vijay Kumar समायन प्राथ्यापक / Assistant Professor Department of Physics of Physics

राष्ट्रीय प्रौद्योगिकी संस्थान श्रीनगर प्रदान आधारामा सर्चान जारार National Institute of Technology Srinage हजरावल-190006 / Hazratbal-190007 जम्मू और कश्मीर, भगत /1&K, India

ATTESTED

Registrar

DAV University, Jalandhar



EPABX: 0181-2690-301 Extension....2201 Fax: 0181-2690320, 2690 932 E-mail: hcy@nitj.ac.in; kaithbs@nitj.ac.in

Reference:

NITJ/CY/2020 / 369.
Date 20/01/2020

To Whom It May Concern

It is certified that Dr. Sapna Sethi, Associate Professor in the Department of Chemistry, DAV University, Jalandhar has provided e-contents of Spectroscopy to our students during the session 2019-20. These e-contents were really helpful for our students.

This kind of academic contribution is highly appreciated.

SALINUAT PAP

Dr Balbin Stagh Kaith

Professor HAG & HEAT

NIT Jalandhar



EPABX: 0181-2690-301 Extension....2201 Fax: 0181-2690320, 2690 932 E-mail: hcy@nitj.ac.in; kaithbs@nitj.ac.in

Reference:

NITJ/CY/2020.3.7/

To Whom It May Concern

It is certified that Dr. Rekha Gaba, Associate Professor in the Department of Chemistry, DAV University, Jalandhar has provided e-contents of Analytical Chemistry to our students during the session 2019-20. These e-contents were really helpful for our students.

Trus kind of academic contribution is highly appreciated.

SACHUAL PIN

Dr Balbir Singh Kaith

Professor HAG & HEAD

NIT Jalandhar



EPABX: 0181-2690-301 Extension....2201 Fax: 0181-2690320, 2690 932 E-mail: hcy@nitj.ac.in; kaithbs@nitj.ac.in

Reference:

NITJ/CY/2020 3.70 Date 20/01/2020

To Whom It May Concern

It is certified that Dr. Ahmad Husain, Associate Professor in the Department of Chemistry, DAV University, Jalandhar has provided e-contents of Supramolecular Chemistry to our students during the session 2019-20. These e-contents were really helpful for our students.

This kind of academic contribution is highly appreciated.

BALINUA PAP

Dr Balbin Bragh Kaith

Professof HAG &

NIT Jalandhar



EPABX; 0181-2690-301 Extension....2201 Fax: 0181-2690320, 2690 932 E-mail: hcy@nitj.ac.in; kaithbs@nitj.ac.in;

Reference:

NITJ/CY/2020/372______ Date_ 20/01/2020

To Whom It May Concern

It is certified that Dr.Ankush Gupta, Assistant Professor in the Department of Chemistry, DAV University, Jalandhar has provided e-contents of Biophysical Chemistry to our students during the session 2019-20. These e-contents were really helpful for our students.

This kind of academic contribution is highly appreciated.

BALINUAL PAR

Dr Balbir Stagh Kaith

Professor HAG & HEAD

NIT Jalandhar

Registrar

. DAV University, Jalandhar